

Global Professional Manufacturer Of Mechanical And Electrical Products



2023 Product Catalogue



Shenyuan Electro-Machinery Incorporated Corporation

Add: Zeguo Air Compressor Industrial Zone, Wenling city, Zhejiang Province, China.

Tel: 0086-576-86402201 86402202

Fax: 0086-576-86402198

Http: //www.chinashenyuan.com

E-mail: sales@chinashenyuan.com

If you have any suggestion and advice, please contact to: service@chinashenyuan.com

Shenyuan Electro-Machinery Incorporated Corporation



Shenyuan Electro-Machinery Incorporated Corporation was founded in 1995, occupying a space 90,000 square meter manufacture base in Wenling, Zhejiang. Our company now provide all kinds of welding machines, air compressors, high pressure washer, deep well pumps, gasoline engine & pumps.

Shenyuan is a high-tech company with ISO9001:2015 quality management system certification . Products have passed the GS, CE and other international safety certification of EU and other regions.



Our company has our own product intellectual property rights and independent brands, with more than 70 patents for invention and utility models at home and abroad, more than 40 domestic and foreign registered trademarks of Shenyuan brand . "Shenyuan" trademark is recognized as Zhejiang famous brand of export, Zhejiang well-known brand, etc., registered and sold in more than 50 countries in the world.

Our products are exported to over 50 countries in the world, including Poland, Thailand, Argentina and Colombia. Shenyuan is one of biggest suppliers with all kinds of welding machines and air compressors, pumps and in China.

Shenyuan warmly invites customers from every corner of the world to establish long term and win-win business relationship with us.





Welding Machine SERIES
P001-058



Air Compressor SERIES
P059-093



Motor SERIES
P094-099



High Pressure Washer SERIES
P100-106



Gasoline Engine & Generator SERIES
P107-114



Deep Well Pump SERIES
P115-170

Welding Machine SERIES

Shenyuan Electro-Machinery Incorporated Corporation
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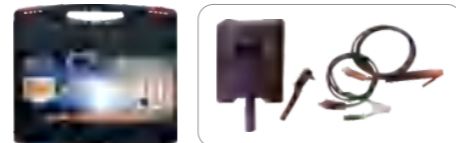


MMA-M25 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-M25	MMA-180A-M25	MMA-200A-M25	MMA-250A-M25	MMA-300A-M25	MMA-350A-M25	MMA-400A-M25
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	60	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×15.5×26	37×21×26	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66.5×33.5×28	76.5×44.5×28	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

TIG/MMA-M25 CUT-M25 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

Instruction

- Single-phase,portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask carton box,TIG/MMA series TIG torch,electrode holder,earth clamp,brush/hammer, protective mask,carton box
- Single-phase,portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for PLASMA CUTTING.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories CUT torch,earth clamp,carton box.



MODEL	TIG/MMA-180A-M25	TIG/MMA-200A-M25	TIG/MMA-250A-M25	CUT-40A-M25	CUT-50A-M25	CUT-60A-M25
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/	/	/
No-load voltage(V)	56	56	56	240	240	255
Current range(A)	10-180	10-200	10-250	15-40	15-50	30-60
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8	6.3	7.8
Class of insulation	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	10	12	18
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30	50.5×24×30	54×25×39

MIG/MMA-Y-M25(1kg)(5kg)(15kg)Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



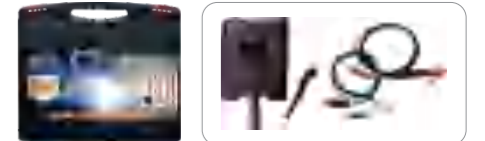
MODEL	MIG/MMA-160A -Y-M25(1kg)	MIG/MMA-180A -Y-M25(1kg)	MIG/MMA-160A -Y-M25(5kg)	MIG/MMA-180A -Y-M25(5kg)	MIG/MMA-200A -Y-M25(5kg)	MIG/MMA-250A -Y-M25(5kg)	MIG/MMA-220A -Y-M25(15kg)	MIG/MMA-250A -Y-M25(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

MMA-M26 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A -M26	MMA-180A -M26	MMA-200A -M26	MMA-250A -M26	MMA-300A -M26	MMA-350A -M26	MMA-400A -M26
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×15.5×26	37×21×26	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66.5×33.5×28	76.5×44.5×28	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

TIG/MMA-M26 CUT-M26 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer, protective mask, carton box
- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	TIG/MMA-180A -M26	TIG/MMA-200A -M26	TIG/MMA-250A -M26	CUT-40A-M26	CUT-50A-M26	CUT-60A-M26
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/	/	/
No-load voltage(V)	56	56	56	240	240	255
Current range(A)	10-180	10-200	10-250	15-40	15-50	30-60
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8	6.3	7.8
Class of insulation	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	10	12	18
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30	50.5×24×30	54×25×39

MIG/MMA-Y-M26(1kg)(5kg)(15kg)Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology, feature optimized design, light effect and energy saving.
- With automatic arc length compensating function, stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece, high efficiency with high current.



MODEL	MIG/MMA-160A -Y-M26(1kg)	MIG/MMA-180A -Y-M26(1kg)	MIG/MMA-160A -Y-M26(5kg)	MIG/MMA-180A -Y-M26(5kg)	MIG/MMA-200A -Y-M26(5kg)	MIG/MMA-250A -Y-M26(5kg)	MIG/MMA-220A -Y-M26(15kg)	MIG/MMA-250A -Y-M26(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

MMA-M19 MINI / MMA-M19 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-160A-M19
MINI



MMA-160A-M19
Size 1



MMA-200A-M19
Size 2



MMA-250A-M19
Size 3



MMA-350A-M19
Size 4



MODEL	MMA-160A-M19-MINI	MMA-180A-M19-MINI	MMA-200A-M19-MINI	MMA-160A-M19	MMA-180A-M19	MMA-200A-M19	MMA-250A-M19	MMA-300A-M19	MMA-350A-M19	MMA-400A-M19
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	110	110	110	110	110	110	110	110	110	110
No-load voltage(V)	56	56	56	56	56	56	60	60	65	65
Current range(A)	30-160	30-180	30-200	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.1	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F	F	F	F
Weight(Kg)	3.4	3.6	3.8	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×17×21.5	32×17×21.5	34×17×22	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66×36.5×23.5	66×36.5×23.5	70.5×36.5×24	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

MMA-M19 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-315A-M19
Size 4



MMA-400A-M19
Size 5



MMA-500A-M19
Size 6



MODEL	MMA-315A-M19	MMA-400A-M19	MMA-500A-M19	MMA-315A-N-M19	MMA-400A-N-M19	MMA-500A-N-M19	DZH-630A-N-M19
Rated input voltage(V)	3~380	3~380	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	65	70	75	68	68	72	72
Current range(A)	40-315	40-400	40-500	40-315	40-400	40-500	40-630
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	12.8	18	25	12.8	18	25	34.7
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	18	19	21	19	20	22	24
Dimension(cm) 1PC	51×25×39	60×32×48.5	64×34×50	60×32×48.5	64×34×50	64×34×50	64×34×50

TIG/MMA-M19 Series

IGBT INVERTER TIG/MMA WELDER

Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer, protective mask, carton box



MODEL	TIG/MMA-180A-M19	TIG/MMA-200A-M19	TIG/MMA-250A-M19	TIG/MMA-315A-M19	TIG/MMA-400A-M19	TIG/MMA-315A-N-M19	TIG/MMA-400A-N-M19
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380	3~380
Rated input voltage(V)	1~110	1~110	1~110	/	/	/	/
No-load voltage(V)	56	56	56	60	60	60	60
Current range(A)	10-180	10-200	10-250	10-315	10-400	10-315	10-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	8.9	13	8.9	13
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	26	28	30	32
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	60×32×48.5	64×34×50	60×32×48.5	64×34×50

CUT-M19 Series

IGBT INVERTER PLASMA CUTTER

Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-M19	CUT-50A-M19	CUT-60A-M19	CUT-80A-M19	CUT-100A-N-M19	CUT-120A-N-M19
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	10	12	18	29	36	37
Dimension(cm) 1PC	50.5×24×30	50.5×24×30	54×25×39	64×34×50	69×34×50	69×34×50

MIG/MMA-F-M19 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-250A -F-M19	MIG/MMA-270A -F-M19	MIG/MMA-280A -F-M19	MIG/MMA-350A -F-M19	MIG/MMA-350A -N-F-M19	MIG/MMA-400A -N-F-M19	MIG/MMA-500A -N-F-M19
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	50-400	50-500
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17	24.4
Class of insulation	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6	1.0-1.6
Weight(Kg)	17	19	24	26	38	42	44
Dimension(cm) 1PC	60×32×48.5	60×32×48.5	64×34×50	64×34×50	64×34×50	64×34×50	96×46×66

MIG/MMA-Y-M19(1kg)(5kg)(15kg)Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-160A -Y-M19(1kg)	MIG/MMA-180A -Y-M19(1kg)	MIG/MMA-160A -Y-M19(5kg)	MIG/MMA-180A -Y-M19(5kg)	MIG/MMA-200A -Y-M19(5kg)	MIG/MMA-250A -Y-M19(5kg)	MIG/MMA-220A -Y-M19(15kg)	MIG/MMA-250A -Y-M19(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

MIG/MMA-Y-M19(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



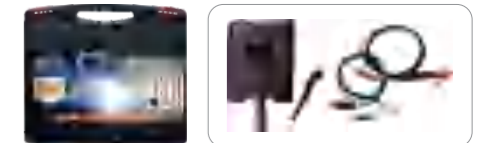
MODEL	MIG/MMA-250A -Y-M19(15kg)	MIG/MMA-270A -Y-M19(15kg)	MIG/MMA-280A -Y-M19(15kg)	MIG/MMA-350A -Y-M19(15kg)	MIG/MMA-350N -Y-M19(15kg)	MIG/MMA-400N -Y-M19(15kg)
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	50-400
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	22	24	29	31	38	42
Dimension(cm) 1PC	62×30×56	62×30×56	65×33×58	65×33×58	65×33×58	65×33×58

MMA-M18 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A -M18	MMA-180A -M18	MMA-200A -M18	MMA-250A -M18	MMA-300A -M18	MMA-350A -M18	MMA-400A -M18
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

MMA-M18 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-315A-M18	MMA-400A-M18	MMA-500A-M18	MMA-315A-N-M18	MMA-400A-N-M18	MMA-500A-N-M18	DZH-630A-N-M18
Rated input voltage(V)	3~380	3~380	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	65	70	75	68	68	72	72
Current range(A)	40-315	40-400	40-500	40-315	40-400	40-500	40-630
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	12.8	18	25	12.8	18	25	34.7
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	18	19	21	19	20	22	24
Dimension(cm) 1PC	51×25×39	60×32×48.5	64×34×50	60×32×48.5	64×34×50	64×34×50	64×34×50

TIG/MMA-M18 Series

IGBT INVERTER TIG/MMA WELDER

Instruction

- Portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask carton box,TIG/MMA series TIG torch,electrode holder,earth clamp,brush/hammer,
- protective mask,carton box



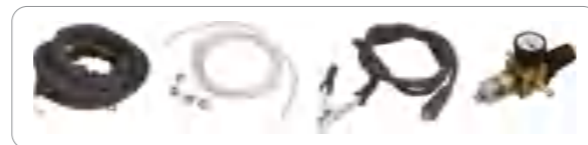
MODEL	TIG/MMA-180A-M18	TIG/MMA-200A-M18	TIG/MMA-250A-M18	TIG/MMA-315A-M18	TIG/MMA-400A-M18	TIG/MMA-315A-N-M18	TIG/MMA-400A-N-M18
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380	3~380
Rated input voltage(V)	1~110	1~110	1~110	/	/	/	/
No-load voltage(V)	56	56	56	60	60	60	60
Current range(A)	10-180	10-200	10-250	10-315	10-400	10-315	10-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	8.9	13	8.9	13
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	26	28	30	32
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	60×32×48.5	64×34×50	60×32×48.5	64×34×50

CUT-M18 Series

IGBT INVERTER PLASMA CUTTER

Instruction

- Portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-M18	CUT-50A-M18	CUT-60A-M18	CUT-80A-M18	CUT-100A-N-M18	CUT-120A-N-M18
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	10	12	18	29	36	37
Dimension(cm) 1PC	50.5×24×30	50.5×24×30	54×25×39	64×34×50	69×34×50	69×34×50

MIG/MMA-F-M18 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology, feature optimized design, light effect and energy saving.
- With automatic arc length compensating function, stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece, high efficiency with high current.



MODEL	MIG/MMA-250A-F-M18	MIG/MMA-270A-F-M18	MIG/MMA-280A-F-M18	MIG/MMA-350A-F-M18	MIG/MMA-350A-N-F-M18	MIG/MMA-400A-N-F-M18
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	17	19	24	26	38	42
Dimension(cm) 1PC	60×32×48.5	60×32×48.5	64×34×50	64×34×50	64×34×50	64×34×50

MMA-M20 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-M20	MMA-180A-M20	MMA-200A-M20	MMA-250A-M20	MMA-300A-M20	MMA-350A-M20	MMA-400A-M20
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

TIG/MMA-M20 CUT-M20 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

Instruction

- Single-phase,portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask carton box,TIG/MMA series TIG torch,electrode holder,earth clamp,brush/hammer, protective mask,carton box
- Single-phase,portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for PLASMA CUTTING.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories CUT torch,earth clamp,carton box.



MODEL	TIG/MMA-180A-M20	TIG/MMA-200A-M20	TIG/MMA-250A-M20	CUT-40A-M20	CUT-50A-M20	CUT-60A-M20
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/	/	/
No-load voltage(V)	56	56	56	240	240	255
Current range(A)	10-180	10-200	10-250	15-40	15-50	30-60
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8	6.3	7.8
Class of insulation	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	10	12	18
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30	50.5×24×30	54×25×39

MIG/MMA-M20(5kg) Series MIG/MMA-M21(5kg/15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



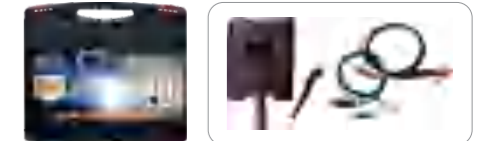
MODEL	MIG/MMA-160A-M20 MIG/MMA-160A-M21 -Y(5kg)	MIG/MMA-180A-M20 MIG/MMA-180A-M21 -Y(5kg)	MIG/MMA-200A-M20 MIG/MMA-200A-M21 -Y(5kg)	MIG/MMA-250A-M20 MIG/MMA-250A-M21 -Y(5kg)	MIG-220A-Y -M21 (15kg)	MIG-250A-Y -M21 (15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

MMA-M21 MINI / MMA-M21 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A -M21-MINI	MMA-180A -M21-MINI	MMA-200A -M21-MINI	MMA-160A -M21	MMA-180A -M21	MMA-200A -M21	MMA-250A -M21	MMA-300A -M21	MMA-350A -M21	MMA-400A -M21
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	110	110	110	110	110	110	110	110	110	110
No-load voltage(V)	56	56	56	56	56	56	60	60	65	65
Current range(A)	30-160	30-180	30-200	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.1	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F	F	F	F
Weight(Kg)	3.4	3.6	3.8	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×17×21.5	32×17×21.5	34×17×22	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66×36.5×23.5	66×36.5×23.5	70.5×36.5×24	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

TIG/MMA-M21 CUT-M21 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer, protective mask, carton box

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



TIG/MMA-250A-M21
Size 3

CUT-40A-M21
Size 3

CUT-60A-M21
Size 4



MODEL	TIG/MMA-180A-M21	TIG/MMA-200A-M21	TIG/MMA-250A-M21	CUT-40A-M21	CUT-50A-M21	CUT-60A-M21
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/	/	/
No-load voltage(V)	56	56	56	240	240	255
Current range(A)	10-180	10-200	10-250	15-40	15-50	30-60
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8	6.3	7.8
Class of insulation	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	10	12	18
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30	50.5×24×30	54×25×39

MMA-M22 Series

IGBT INVERTER ARC WELDER

Instruction

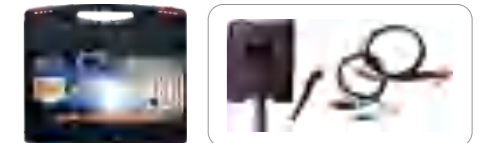
- High frequency(40KHZ-100KHZ), improve the efficiency of the whole machine, save energy.
- Pretty appearance, light weight, stable.
- Have the advantage of easily start arc, stable current, perfect molding.
- Adopt all kinds of acidic, alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work, fieldwork, indoor fitment.



MMA-200A-M22
Size 2

MMA-250A-M22
Size 3

MMA-350A-M22
Size 4



MODEL	MMA-160A-M22	MMA-180A-M22	MMA-200A-M22	MMA-250A-M22	MMA-300A-M22	MMA-350A-M22	MMA-400A-M22
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	40×23×28	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	82.5×48.5×30	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

TIG/MMA-M22 CUT-M22 Series

IGBT INVERTER TIG/MMA WELDER/PLASMA CUTTER

Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer, protective mask, carton box
- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



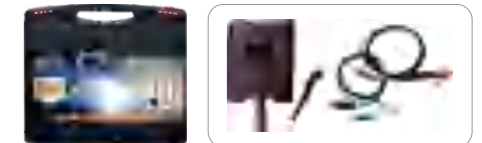
MODEL	TIG/MMA-180A -M22	TIG/MMA-200A -M22	TIG/MMA-250A -M22	CUT-40A-M22	CUT-50A-M22	CUT-60A-M22
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	/	/	/
No-load voltage(V)	56	56	56	240	240	255
Current range(A)	10-180	10-200	10-250	15-40	15-50	30-60
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	4.8	6.3	7.8
Class of insulation	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	10	12	18
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	47.5×24×30	50.5×24×30	50.5×24×30	54×25×39

MMA-21 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ), improve the efficiency of the whole machine, save energy.
- Pretty appearance, light weight, stable.
- Have the advantage of easily start arc, stable current, perfect molding.
- Adopt all kinds of acidic, alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work, fieldwork, indoor fitment.



MODEL	MMA-160A -21	MMA-180A -21	MMA-200A -21	MMA-250A -21	MMA-300A -21	MMA-350A -21	MMA-400A -21
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×15.5×26	37×21×26	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66.5×33.5×28	76.5×44.5×28	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

MMA-21 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-315A-21	MMA-400A-21	MMA-500A-21	MMA-315A-N-21	MMA-400A-N-21	MMA-500A-N-21	DZH-630A-N-21
Rated input voltage(V)	3~380	3~380	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	65	70	75	68	68	72	72
Current range(A)	40-315	40-400	40-500	40-315	40-400	40-500	40-630
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	12.8	18	25	12.8	18	25	34.7
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	18	19	21	19	20	22	24
Dimension(cm) 1PC	51×25×39	60×32×48.5	64×34×50	60×32×48.5	64×34×50	64×34×50	64×34×50

TIG/MMA-21 Series

IGBT INVERTER TIG/MMA WELDER

Instruction

- Single-phase,portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask carton box,TIG/MMA series TIG torch,electrode holder,earth clamp,brush/hammer,
- protective mask,carton box



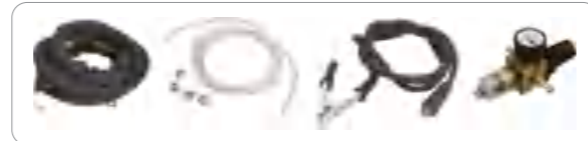
MODEL	TIG/MMA-180A-21	TIG/MMA-200A-21	TIG/MMA-250A-21	TIG/MMA-315A-21	TIG/MMA-400A-21	TIG/MMA-315A-N-21	TIG/MMA-400A-N-21
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380	3~380
Rated input voltage(V)	1~110	1~110	1~110	/	/	/	/
No-load voltage(V)	56	56	56	60	60	60	60
Current range(A)	10-180	10-200	10-250	10-315	10-400	10-315	10-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	8.9	13	8.9	13
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	26	28	30	32
Dimension(cm) 1PC	40×22×29	40×22×29	40×22×29	60×32×48.5	64×34×50	60×32×48.5	64×34×50

CUT-21 Series

IGBT INVERTER PLASMA CUTTER

Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-21	CUT-50A-21	CUT-60A-21	CUT-80A-21	CUT-100A-N-21	CUT-120A-N-21
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	10	12	18	29	36	37
Dimension(cm) 1PC	43×22×29	43×22×29	54×25×39	64×34×50	69×34×50	69×34×50

MIG/MMA-F-21 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology, feature optimized design, light effect and energy saving.
- With automatic arc length compensating function, stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece, high efficiency with high current.



MODEL	MIG/MMA-250A-F-21	MIG/MMA-270A-F-21	MIG/MMA-280A-F-21	MIG/MMA-350A-F-21	MIG/MMA-350A-N-F-21	MIG/MMA-400A-N-F-21
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	17	19	24	26	38	42
Dimension(cm) 1PC	60×32×48.5	60×32×48.5	64×34×50	64×34×50	64×34×50	64×34×50

MIG/MMA-Y-21(1kg)(5kg)(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-160A-Y-21(1kg)	MIG/MMA-180A-Y-21(1kg)	MIG/MMA-160A-Y-21(5kg)	MIG/MMA-180A-Y-21(5kg)	MIG/MMA-200A-Y-21(5kg)	MIG/MMA-250A-Y-21(5kg)	MIG/MMA-220A-Y-21(15kg)	MIG/MMA-250A-Y-21(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

MIG/MMA-Y-21(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-250A-Y-21(15kg)	MIG/MMA-270A-Y-21(15kg)	MIG/MMA-280A-Y-21(15kg)	MIG/MMA-350A-Y-21(15kg)	MIG/MMA-350N-Y-21(15kg)	MIG/MMA-400N-Y-21(15kg)
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	50-400
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	22	24	29	31	38	42
Dimension(cm) 1PC	62×30×56	62×30×56	65×33×58	65×33×58	65×33×58	65×33×58

MMA-20 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



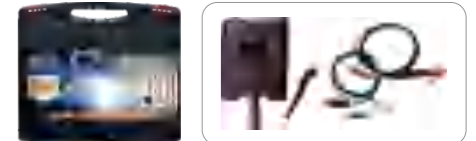
MODEL	MMA-315A-20	MMA-400A-20	MMA-500A-20	MMA-315A-N-20	MMA-400A-N-20	MMA-500A-N-20	DZH-630A-N-20
Rated input voltage(V)	3~380	3~380	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	65	70	75	68	68	72	72
Current range(A)	40-315	40-400	40-500	40-315	40-400	40-500	40-630
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	12.8	18	25	12.8	18	25	34.7
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	18	19	21	19	20	22	24
Dimension(cm) 1PC	51×25×39	60×32×48.5	64×34×50	60×32×48.5	64×34×50	64×34×50	64×34×50

MMA-20 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-20	MMA-180A-20	MMA-200A-20	MMA-250A-20	MMA-300A-20	MMA-350A-20	MMA-400A-20
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×15.5×26	37×21×26	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66.5×33.5×28	76.5×44.5×28	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

TIG/MMA-20 Series

IGBT INVERTER TIG/MMA WELDER

Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer,
- protective mask, carton box



MODEL	TIG/MMA-180A-20	TIG/MMA-200A-20	TIG/MMA-250A-20	TIG/MMA-315A-20	TIG/MMA-400A-20	TIG/MMA-315A-N-20	TIG/MMA-400A-N-20
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380	3~380
Rated input voltage(V)	1~110	1~110	1~110	/	/	/	/
No-load voltage(V)	56	56	56	60	60	60	60
Current range(A)	10-180	10-200	10-250	10-315	10-400	10-315	10-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	8.9	13	8.9	13
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	26	28	30	32
Dimension(cm) 1PC	40×22×29	40×22×29	40×22×29	60×32×48.5	64×34×50	60×32×48.5	64×34×50

CUT-20 Series

IGBT INVERTER PLASMA CUTTER

Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-20	CUT-50A-20	CUT-60A-20	CUT-80A-20	CUT-100A-N-20	CUT-120A-N-20
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	10	12	18	29	36	37
Dimension(cm) 1PC	43×22×29	43×22×29	54×25×39	64×34×50	69×34×50	69×34×50

MIG/MMA-F-20 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



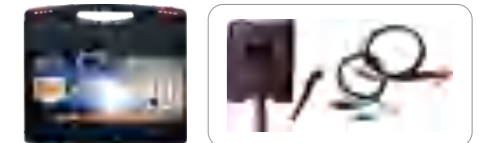
MODEL	MIG/MMA-250A-F-20	MIG/MMA-270A-F-20	MIG/MMA-280A-F-20	MIG/MMA-350A-F-20	MIG/MMA-350A-N-F-20	MIG/MMA-400A-N-F-20
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	17	19	24	26	38	42
Dimension(cm) 1PC	60×32×48.5	60×32×48.5	64×34×50	64×34×50	64×34×50	64×34×50

MMA-23 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-140A-23	MMA-160A-23	MMA-180A-23	MMA-200A-23	MMA-250A-23	MMA-300A-23
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	56	60	65
Current range(A)	30-140	30-160	30-180	30-200	30-250	40-300
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.5	5.3	6.1	7.0	9.4	12
Class of insulation	F	F	F	F	F	F
Weight(Kg)	4	4.5	5	5.5	6	6.5
Dimension(cm) 1PC	32×15.5×26	32×19×23.5	35×19×23.5	35×19×23.5	36×20.5×24.5	36×20.5×24.5
Dimension(cm) 4PCS	66.5×33.5×28	66.5×40.5×25.5	72.5×40.5×25.5	72.5×40.5×25.5	74.5×43×26.5	74.5×43×26.5

MIG/MMA-Y-23(1kg)(5kg)(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MIG/MMA-160A-Y-23 (1kg)

MIG/MMA-200A-Y-23 (5kg)

MIG/MMA-200A-Y-23 (5kg)

MIG/MMA-250A-Y-23 (15kg)



MODEL	MIG/MMA-160A-Y-23(1kg)	MIG/MMA-180A-Y-23(1kg)	MIG/MMA-160A-Y-23(5kg)	MIG/MMA-180A-Y-23(5kg)	MIG/MMA-200A-Y-23(5kg)	MIG/MMA-250A-Y-23(5kg)	MIG/MMA-220A-Y-23(15kg)	MIG/MMA-250A-Y-23(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

MMA-C21 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MMA-160A-C21 MINI

MMA-160A-C21 Size 0.5

MMA-180A-C21 Size 1

MMA-200A-C21 Size 2

MMA-250A-C21 Size 3

MMA-350A-C21 Size 4



MODEL	MMA-160A-C21-MINI	MMA-180A-C21-MINI	MMA-200A-C21-MINI	MMA-160A-C21	MMA-180A-C21	MMA-200A-C21	MMA-250A-C21	MMA-300A-C21	MMA-350A-C21	MMA-400A-C21
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	110	110	110	110	110	110	110	110	110	110
No-load voltage(V)	56	56	56	56	56	56	60	60	65	65
Current range(A)	30-160	30-180	30-200	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.1	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F	F	F	F
Weight(Kg)	3.4	3.6	3.8	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	32×17×21.5	32×17×21.5	34×17×22	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	66×36.5×23.5	66×36.5×23.5	70.5×36.5×24	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

MIG/MMA-Y-C21(1kg)(5kg)(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-160A-Y-C21(1kg)	MIG/MMA-180A-Y-C21(1kg)	MIG/MMA-160A-Y-C21(5kg)	MIG/MMA-180A-Y-C21(5kg)	MIG/MMA-200A-Y-C21(5kg)	MIG/MMA-250A-Y-C21(5kg)	MIG/MMA-220A-Y-C21(15kg)	MIG/MMA-250A-Y-C21(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

MIG/MMA-Y22(1kg)(5kg)(15kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	MIG/MMA-160A-Y22(1kg)	MIG/MMA-180A-Y22(1kg)	MIG/MMA-160A-Y22(5kg)	MIG/MMA-180A-Y22(5kg)	MIG/MMA-200A-Y22(5kg)	MIG/MMA-250A-Y22(5kg)	MIG/MMA-220A-Y22(15kg)	MIG/MMA-250A-Y22(15kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~230	1~230	1~110	1~110	1~110	1~110	/	/
No-load voltage(V)	56	56	56	56	56	60	60	60
Current range(A)	40-160	40-180	40-160	40-180	40-200	40-250	40-220	40-250
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	4.4	5.2	6	8.3	6.9	8.3
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	6.8	7.2	11	11	11.5	13	20.6	20.6
Dimension(cm) 1PC	47.5×24×30	47.5×24×30	60×27×37	60×27×37	60×27×37	60×27×37	60×27×40	60×27×40

SUPER-Y22(5kg) Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology,feature optimized design,light effect and energy saving.
- With automatic arc length compensating function,stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece,high efficiency with high current.



MODEL	SUPER-160A-Y22(5kg)	SUPER-180A-Y22(5kg)	SUPER-200A-Y22(5kg)	SUPER-250A-Y22(5kg)
Rated input voltage(V)	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60
Current range(A)	40-160	40-180	40-200	40-250
Rated duty(%)	60%	60%	60%	60%
Input capacity(KVA)	4.4	5.2	6	8.3
Class of insulation	F	F	F	F
Applied welding rod(mm)	0.6-0.8	0.6-0.8	0.6-1.0	0.6-1.0
Weight(Kg)	11	11	11.5	13
Dimension(cm) 1PC	60×27×37	60×27×37	60×27×37	60×27×37

MMA-17 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-160A-17	MMA-180A-17	MMA-200A-17	MMA-250A-17	MMA-300A-17	MMA-350A-17	MMA-400A-17
Rated input voltage(V)	1~230	1~230	1~230	1~230	1~230	1~230	1~230
Rated input voltage(V)	1~110	1~110	1~110	1~110	1~110	1~110	1~110
No-load voltage(V)	56	56	56	60	65	65	65
Current range(A)	30-160	30-180	30-200	30-250	40-300	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	5.3	6.1	7.0	9.4	12	15	18
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	4.5	5	5.5	6	6.5	15	18
Dimension(cm) 1PC	37×21×26	40×23×28	40×23×28	43.5×24×30	43.5×24×30	51×25×39	51×25×39
Dimension(cm) 4PCS	76.5×44.5×28	82.5×48.5×30	82.5×48.5×30	89.5×50.5×32	89.5×50.5×32	/	/

MMA-17 Series

IGBT INVERTER ARC WELDER

Instruction

- High frequency(40KHZ-100KHZ),improve the efficiency of the whole machine,save energy.
- Pretty appearance,light weight,stable.
- Have the advantage of easily start arc,stable current,perfect molding.
- Adopt all kinds of acidic,alkaline welding rod.
- High rated duty and have better function for push compensation.
- Use for altitude work,fieldwork,indoor fitment.



MODEL	MMA-315A-17	MMA-400A-17	MMA-500A-17	MMA-315A-N-17	MMA-400A-N-17	MMA-500A-N-17	DZH-630A-N-17
Rated input voltage(V)	3~380	3~380	3~380	3~380	3~380	3~380	3~380
No-load voltage(V)	65	70	75	68	68	72	72
Current range(A)	40-315	40-400	40-500	40-315	40-400	40-500	40-630
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	12.8	18	25	12.8	18	25	34.7
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	18	19	21	19	20	22	24
Dimension(cm) 1PC	51×25×39	60×32×48.5	64×34×50	60×32×48.5	64×34×50	64×34×50	64×34×50

TIG/MMA-17 Series

IGBT INVERTER TIG/MMA WELDER

Instruction

- Single-phase,portable,fan-cooled,thermostatic protectio,starting arc with contact.
- Adopt with advanced IGBT inverter technology,lightweight,accord with EMC standard
- Stepless current adjustment,suit for TIG/MMA welding.
- Perfect with overheating,over load,over current,over/lack voltage protection.
- With complete accessories:TIG series TIG torch,earth clamp,brush/hammer,protective mask carton box,TIG/MMA series TIG torch,electrode holder,earth clamp,brush/hammer,
- protective mask,carton box



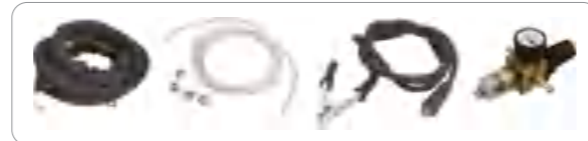
MODEL	TIG/MMA-180A-17	TIG/MMA-200A-17	TIG/MMA-250A-17	TIG/MMA-315A-17	TIG/MMA-400A-17	TIG/MMA-315A-N-17	TIG/MMA-400A-N-17
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380	3~380
Rated input voltage(V)	1~110	1~110	1~110	/	/	/	/
No-load voltage(V)	56	56	56	60	60	60	60
Current range(A)	10-180	10-200	10-250	10-315	10-400	10-315	10-400
Rated duty(%)	60%	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	3.9	4.5	6.3	8.9	13	8.9	13
Class of insulation	F	F	F	F	F	F	F
Weight(Kg)	6.8	7	7.2	26	28	30	32
Dimension(cm) 1PC	40×22×29	40×22×29	40×22×29	60×32×48.5	64×34×50	60×32×48.5	64×34×50

CUT-17 Series

IGBT INVERTER PLASMA CUTTER

Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-17	CUT-50A-17	CUT-60A-17	CUT-80A-17	CUT-100A-N-17	CUT-120A-N-17
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	10	12	18	29	36	37
Dimension(cm) 1PC	43×22×29	43×22×29	54×25×39	64×34×50	69×34×50	69×34×50

MIG/MMA-F-17 Series

INVERTER CO2 GAS PROTECTION WELDING MACHINE(INTEGRATED)

Instruction

- Apply high frequency inverter technology, feature optimized design, light effect and energy saving.
- With automatic arc length compensating function, stable electric arc, less splashing, electric arc has high penetration force.
- Deep bath, beautiful appearance.
- With excellent dynamic response.
- Continuously and persistently weld workpiece, high efficiency with high current.



MODEL	MIG/MMA-250A-F-17	MIG/MMA-270A-F-17	MIG/MMA-280A-F-17	MIG/MMA-350A-F-17	MIG/MMA-350A-N-F-17	MIG/MMA-400A-N-F-17
Rated input voltage(V)	1~230	1~230	3~380	3~380	3~380	3~380
No-load voltage(V)	56	65	65	65	65	65
Current range(A)	40-250	40-270	40-280	40-350	40-350	40-400
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	8.3	9.3	9.8	13.8	13.8	17
Class of insulation	F	F	F	F	F	F
Applied welding rod(mm)	0.6-1.0	0.8-1.2	0.8-1.2	0.8-1.6	0.8-1.6	0.8-1.6
Weight(Kg)	17	19	24	26	38	42
Dimension(cm) 1PC	60×32×48.5	60×32×48.5	64×34×50	64×34×50	64×34×50	64×34×50

WSME-17 Series

IGBT INVERTER TIG/MMA WELDER

Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for TIG/MMA welding.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories: TIG series TIG torch, earth clamp, brush/hammer, protective mask carton box, TIG/MMA series TIG torch, electrode holder, earth clamp, brush/hammer,
- protective mask, carton box



MODEL	WSME-200A-17	WSME-250A-17	WSME-315A-17	WSME-400A-17
Rated input voltage(V)	1~230	1~230	3~380	3~380
No-load voltage(V)	68	68	68	75
Current range(A)	10-200	10-250	10-315	10-400
Rated duty(%)	60%	60%	60%	60%
Input capacity(KVA)	4.5	6.2	8.9	13
Class of insulation	F	F	F	F
Weight(Kg)	16	18	18	35
Dimension(cm) 1PC	44×24×42	46×26×44	46×26×44	62×35×52

CUT-17 Series (With Air Pump)

IGBT INVERTER PLASMA CUTTER

Instruction

- Single-phase, portable, fan-cooled, thermostatic protection, starting arc with contact.
- Adopt with advanced IGBT inverter technology, lightweight, accord with EMC standard
- Stepless current adjustment, suit for PLASMA CUTTING.
- Perfect with overheating, over load, over current, over/lack voltage protection.
- With complete accessories CUT torch, earth clamp, carton box.



MODEL	CUT-40A-17	CUT-50A-17	CUT-60A-17	CUT-80A-17	CUT-100A-17	CUT-120A-N-17
Rated input voltage(V)	1~230	1~230	1~230	3~380	3~380	3~380
No-load voltage(V)	240	240	255	270	310	310
Current range(A)	15-40	15-50	30-60	30-80	30-100	30-120
Rated duty(%)	60%	60%	60%	60%	60%	60%
Input capacity(KVA)	4.8	6.3	7.8	11.2	18	19.2
Class of insulation	F	F	F	F	F	F
Weight(Kg)	23.5	25	28	38	40	58
Dimension(cm) 1PC	41×30×32	41×30×32	56×33×50	56×33×50	56×33×50	63×35×59

BX1-1 BX1-A BX1-G Series

AC.ARC WELDER

Instruction

- Single-phase, on-wheels, fan-cooled stick, electrode welding machines for in alternating current(AC).
- Stepless regulation of welding current. This welder uses the normal industrial electrodes which can not only work under 220V but also under 380V, so this welder can be widely used in the factory, shipyard, construction, field, etc.



MODEL	BX1-250A -1	BX1-315A -1	BX1-250A	BX1-315A	BX1-400A	BX1-500A	BX1-630A	BX1-250A -G	BX1-300A -G	BX1-400A -G	BX1-500A -G
Rated input voltage(V)	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380
Rated input voltage(V)	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220
No-load voltage(V)	60	70	60	70	70	70	72	58	60	70	70
Current range(A)	50-250	60-315	50-250	60-315	80-400	100-500	125-630	50-250	60-300	80-400	100-500
Rated duty(%)	35	35	35	35	35	35	35	35	35	35	35
Input capacity(KVA)	15.9	24.3	15.9	24.3	32	38.7	51	15.2	22.8	32	38.7
Class of insulation	F	F	F	F	F	F	F	F	F	F	F
Applied welding rod(mm)	2-5	2-6	2-5	2-6	2.5-6	2.5-6	2.5-6	2-5	2-5	2.5-6	2.5-8
Weight(Kg)	63	80	63	80	95	119	125	56	68	95	119
Dimension(cm) 1PC	50×37×60	50×37×60	50×37×60	63×49×74	63×49×74	63×49×74	61×49×74	50×36×50	60×40×58	65×47×49	65×47×49

BX7 Series

AC.ARC WELDER

Instruction

- Single-phase, fan-cooled stick electrode welding machines for MMA-welding in alternating current(AC) stepless regulation of welding current.
- With hermostatic protection. Use the normal welding rod.
- Electrode holder, earth clamp, welding cable.
- Brush/hammer, protective mask, carton box.



MODEL	BX7-160A	BX7-180A	BX7-200A	BX7-250A
Rated input voltage(V)	230	230	230	230
Rated input voltage(V)	110	110	110	110
No-load voltage(V)	48	48	48	48
Current range(A)	0-160	0-180	0-200	0-250
Rated duty(%)	20	20	20	20
Input capacity(KVA)	6	8	8	10
Class of insulation	H	H	H	H
Applied welding rod(mm)	2-3.2	2-4	2-4	2-5
Weight(Kg)	17	18	20	21
Dimension(cm) 1PC	47×22×31.5	47×22×31.5	47×22×31.5	47×22×31.5

BX1-C1/C3/C4 Series

AC.ARC WELDER

Instruction

- Single-phase, fan-cooled stick electrode welding machines for MMA-welding in alternating current(AC) stepless regulation of welding current.
- With hermostatic protection. Use the normal welding rod.
- Electrode holder, earth clamp, welding cable.
- Brush/hammer, protective mask, carton box.



BX1-250A-C1

BX1-250A-C3

BX1-250A-C4



MODEL	BX1-130A-C1/C3/C4	BX1-160A-C1/C3/C4	BX1-180A-C1/C3/C4	BX1-200A-C1/C3/C4	BX1-250A-C1/C3/C4
Rated input voltage(V)	220/380	220/380	220/380	220/380	220/380
Rated input voltage(V)	110/220	110/220	110/220	110/220	110/220
No-load voltage(V)	48	48	48	48	48
Current range(A)	50-130	70-160	80-180	80-200	90-250
Rated duty(%)	10%	10%	10%	10%	10%
Input capacity(KVA)	5.2	6.4	7.8	8.4	9.6
Class of insulation	H	H	H	H	H
Applied welding rod(mm)	2-3.2	2-3.2	2-4	2-4	2-5
Weight(Kg)	16.5	19	20	21	21.5
Dimension(cm) 1PC	47×26.5×31.5	47×26.5×31.5	47×26.5×31.5	47×26.5×31.5	47×26.5×31.5

BX6-C/B Series

AC.ARC WELDER

Instruction

- Tap type transformer, step current adjustment fan cooling, high efficiency and safety.
- Compactness light, portable suitable for home and small factory.
- We have two kinds of transformer one is aluminium, the other is copper.



BX6-250A-C

BX6-250A-B



MODEL	BX6-160A-C	BX6-200A-C	BX6-250A-C	BX6-300A-C	BX6-160A-B	BX6-200A-B	BX6-250A-B	BX6-300A-B
Rated input voltage(V)	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380
Rated input voltage(V)	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220
No-load voltage(V)	48	48	48	48	48	48	48	48
Current range(A)	60-160	70-200	80-250	90-300	60-160	70-200	80-250	90-300
Rated duty(%)	20	20	20	20	20	20	20	20
Input capacity(KVA)	9.1	12.5	15.9	22.8	9.1	12.5	15.9	22.8
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	2-3.2	2-3.2	2.5-4	2.5-6	2-3.2	2-3.2	2.5-4	2.5-6
Weight(Kg)	20.5	23.5	25	28	20.5	23.5	25	28
Dimension(cm) 1PC	47×21.5×32.5	47×21.5×32.5	47×21.5×32.5	50×24.5×35.5	47×21.5×32.5	47×21.5×32.5	47×21.5×32.5	50×24.5×35.5

BX6-D Series

AC.ARC WELDER

Instruction

- Single phase,on-wheel,fan cooled,professional welding machines ,AC stepless regulation of welding current.Suitable for various welding rod.
- The welder widely used in factory,shipyard,constructing field etc.



BX6-315A-D



BX6-300A



MODEL	BX6-200A-D	BX6-250A-D	BX6-315A-D	BX6-200A	BX6-250A	BX6-300A	BX6-400A	BX6-500A
Rated input voltage(V)	220/380	220/380	220/380	220/380	220/380	220/380	220/380	220/380
Rated input voltage(V)	110/220	110/220	110/220	110/220	110/220	110/220	110/220	110/220
No-load voltage(V)	54	54	58	54	54	54	60	62
Current range(A)	70-200	75-250	80-315	70-200	75-250	80-300	90-400	100-500
Rated duty(%)	20%	20%	20%	20%	20%	20%	20%	20%
Input capacity(KVA)	12.5	15.9	18.3	12.5	15.9	22.8	30.4	37.2
Class of insulation	F	F	F	F	F	F	F	F
Applied welding rod(mm)	2-4	2.5-5	2.5-5	2-4	2.5-5	2.5-6	2.5-6	2.5-6
Weight(Kg)	23	25	28	37	41	43	58	62
Dimension(cm) 1PC	38×27×46	38×27×46	38×27×46	55×36×58	55×36×58	55×36×62	61×40×68.5	61×40×68.5

MIG Series

CO2 SHIELD WELDER

Instruction

- Alternating current(AC),portable,fan-cooled,thermostatic protection,four pole current adjust
- Suit with flux(gasless)welding wire
- With complete accessory :MIG torch,earth clamp,welding cable,brush/hammer,protective mask,carton box.



MIG-130A

MIG-195A

MIG-200A



MODEL	MIG-100A	MIG-130A	MAG/MIG -105A	MAG/MIG -150A	MAG/MIG -175A	MAG/MIG -195A	MAG/MIG -200A
Rated input voltage(V)	230	230	230	230	230	230	230
Rated input voltage(V)	110	110	110	110	110	110	110
Current range(A)	35-100	50-130	40-105	40-150	40-175	40-195	60-200A
Rated duty(%)	15	15	15	15	15	15	15
Input capacity(KVA)	3%	5%	3.2%	5.3%	6.4%	7.6%	8%
Class of insulation	H	H	H	H	H	H	H
Applied welding rod(mm)	0.6-0.9	0.6-0.9	0.6-0.8	0.6-1.0	0.6-1.0	0.6-1.0	0.6-1.0
Weight(Kg)	14	16	24	34	36	36	40
Dimension(cm) 1PC	41×21.5×37.5	41×21.5×37.5	47.5×24.5×41	57.5×36×49	57.5×36×49	57.5×36×49	57×36×49

CB/MAX Series

CHARGER

Instruction

- Single-phase. Portable. Charging for lead-acid battery with 12/24V, overload protection integrated ampere-meter suit for various motor cars.



CB-50



MAX-20



MODEL	CB-10	CB-20	CB-30	CB-40	CB-50	MAX-10	MAX-20	MAX-30	MAX-40	MAX-50
Rated input voltage(V)	230	230	230	230	230	230	230	230	230	230
Rated input voltage(V)	110	110	110	110	110	110	110	110	110	110
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Rated capacity(W)	100	200	400	500	600	100	200	400	500	600
Charging voltage(V)	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24
Rated current(A)	6.5	10	20	25	30	6.5	10	20	25	30
Reference capacity(Ah)	20-90	20-200	20-250	20-300	20-400	20-90	20-200	20-250	20-300	20-400
Insulation class	H	H	H	H	H	H	H	H	H	H
Weight(Kg)	4.6	7.3	8.6	9.8	11	4.6	7.3	8.6	9.8	11
Dimension(cm) 1PC	26×19.5×20.5	26×19.5×20.5	29×24×22	29×24×22	29×24×22	22×25×21.5	22×25×21.5	23×28×22.5	23×28×22.5	23×28×22.5

SUN-1 SUN-2 Series

CHARGER

Instruction

- Single-phase. Portable. Charging for lead-acid battery with 12/24V, and suit for all kinds of cars, vans and light trucks.



SUN-450-1

SUN-650-1

BNC-500

SUN-650-2



MODEL	SUN-250-1	SUN-350-1	SUN-450-1	SUN-550-1	SUN-650-1	SUN-250-2	SUN-350-2	SUN-450-2	SUN-550-2	SUN-650-2
Rated input voltage(V)	230	230	230	230	230	230	230	230	230	230
Rated input voltage(V)	110	110	110	110	110	110	110	110	110	110
Frequency(Hz)	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Charging voltage	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24	12/24
Boost current(A)	25	30	40	50	60	25	30	40	50	60
Rated current(A)	25-40	30-45	40-60	50-75	60-90	25-40	30-45	40-60	50-75	60-90
Starting current(A)	140	180	240	300	360	140	180	240	300	360
Reference capacity(Ah)	20-400	20-500	20-500	20-600	20-600	20-400	20-500	20-500	20-600	20-600
Insulation class	H	H	H	H	H	H	H	H	H	H
Weight(Kg)	13	14.5	16	24	26	13	14.5	16	24	26
Dimension(cm) 1PC	37×30×60	37×30×60	37×30×60	40.5×33×68	40.5×33×68	36×30.5×61	36×30.5×61	36×30.5×61	42×33.5×63.5	42×33.5×63.5

Air Compressor SERIES

Shenyuan Electro-Machinery Incorporated Corporation
www.chinashenyuan.com



High Speed Oil Free Air Compressor



SYW750-8L
SYW750-12L



SYW850-20L



SYW960-20L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW750-8L	0.75	Φ50.8×2	2820	50	8/116	8	9.5	43×17×32
SYW750-12L	0.75	Φ50.8×2	2820	50	8/116	12	10	47×17×35
SYW850-20L	0.85	Φ50.8×2	2820	55	8/116	20	11.5	49×21×41
SYW960-20L	0.96	Φ57.8×2	2820	60	8/116	20	12.5	49×21×42

High Speed Oil Free Air Compressor



SYW960-24L SYW1060-24L
SYW960-30L SYW1060-30L



SYW1250-40L SYW1350-40L
SYW1560-50L



SYW750×2-50L
SYW960×2-50L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW960-24L	0.96	Φ57.8×2	2820	60	8/116	24	14	51×23×50
SYW1060-24L	1.06	Φ57.8×2	2820	65	8/116	24	14.5	51×23×50
SYW960-30L	0.96	Φ57.8×2	2820	60	8/116	30	15	54×23×50
SYW1060-30L	1.06	Φ57.8×2	2820	65	8/116	30	15.5	54×23×50
SYW1250-40L	1.25	Φ57.8×2	2820	70	8/116	40	20	61×29×51
SYW1350-40L	1.35	Φ57.8×2	2820	75	8/116	40	20.5	61×29×51
SYW1560-50L	1.56	Φ57.8×2	2820	80	8/116	50	22	65×29×52.5
SYW750×2-50L	0.75×2	Φ50.8×4	2820	100	8/116	50	23.5	65×29×51.5
SYW960×2-50L	0.96×2	Φ57.8×4	2820	120	8/116	50	25.5	65×29×53

High Speed Oil Free Air Compressor

- 800# cold rolling steel, more durable
- Imported leather bowl can reach
- 2500 hours life cycle



SYW980-12L



SYW980-24L SYW1080-24L
SYW980-30L SYW1080-30L



SYW980×2-50L
SYW1080×2-50L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW980-12L	0.92	Φ57.8×2	2820	60	8/116	12	11	46×18×38.5
SYW980-24L	0.95	Φ57.8×2	2820	60	8/116	24	14.5	53×22.5×49
SYW1080-24L	1.08	Φ57.8×2	2820	65	8/116	24	15	53×22.5×49
SYW980-30L	0.98	Φ57.8×2	2820	60	8/116	30	15.5	57×22.5×49
SYW1080-30L	1.08	Φ57.8×2	2820	65	8/116	30	16	57×22.5×49
SYW980×2-50L	0.98×2	Φ57.8×4	2820	120	8/116	50	27	65×29×53
SYW1080×2-50L	1.08×2	Φ57.8×4	2820	130	8/116	50	28	65×29×53

High Speed Oil Free Air Compressor

- 800# cold rolling steel, more durable
- Imported leather bowl can reach
- 2500 hours life cycle



SYW1680-50L



SYW1680×2-50L



SYW1680×2-80L



MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW1680-50L	1.68	Φ63.7×2	2820	100	8/116	50	23.5	66×28×55
SYW1680×2-50L	1.68×2	Φ63.7×4	2820	200	8/116	50	38	66×28×55
SYW1680×2-80L	1.68×2	Φ63.7×4	2820	200	8/116	80	43	83×30×60
SYW1680×2-100L	1.68×2	Φ63.7×4	2820	200	8/116	100	47	98×32×62

High Speed Oil Free Air Compressor

- 800# cold rolling steel, more durable
- Imported leather bowl can reach
- 2500 hours life cycle



SYW1680×3-150L



SYW1680×4-200L



SYW1680×5-300L



MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW1680×3-150L	1.68×3	Φ63.7×6	2820	300	8/116	150	65	105×35×66
SYW1680×4-200L	1.68×4	Φ63.7×8	2820	400	8/116	200	92	135×40×72
SYW1680×5-300L	1.68×5	Φ63.7×10	2820	500	8/116	300	135	152×45×76

High Speed Oil Free Air Compressor



SYW750-15L-H



SYW850-24L-H
SYW960-24L-H



SYW1060-30L-H SYW1250-30L-H
SYW1350-30L-H SYW1560-30L-H



SYW1560-50L-H

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW750-15L-H	0.75	Φ50.8×2	2820	50	8/116	15	11	30×30×40
SYW850-24L-H	0.85	Φ50.8×2	2820	55	8/116	24	13.5	32×32×48
SYW960-24L-H	0.96	Φ57.8×2	2820	60	8/116	24	14	32×32×50
SYW1060-30L-H	1.06	Φ57.8×2	2820	65	8/116	30	22	35×35×52
SYW1250-30L-H	1.25	Φ57.8×2	2820	70	8/116	30	22.5	35×35×54
SYW1350-30L-H	1.35	Φ57.8×2	2820	75	8/116	30	23	35×35×54
SYW1560-30L-H	1.56	Φ57.8×2	2820	80	8/116	30	23	35×35×55
SYW1560-50L-H	1.56	Φ57.8×2	2820	80	8/116	50	25	38×38×68
SYW960×2-50L-H	1.92	Φ57.8×4	2820	120	8/116	50	27	38×38×68
SYW1060×2-50L-H	2.12	Φ57.8×4	2820	130	8/116	50	28	38×38×68
SYW1250×2-65L-H	2.5	Φ57.8×4	2820	140	8/116	65	30	38×38×70
SYW1350×2-65L-H	2.7	Φ57.8×4	2820	140	8/116	65	31.2	38×38×70

Oilfree Silent Air Compressor



SYD550-9



SYD550-24
SYD750-30



SYD550×2-50
SYD750×2-50



MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYD550-9	0.55	Φ63.7×2	1380	110	8/116	9	14.5	48×21×51
SYD550-24	0.55	Φ63.7×2	1380	110	8/116	24	22	54×25×53
SYD750-30	0.75	Φ63.7×2	1380	135	8/116	30	26	60×25×56
SYD550×2-50	0.55×2	Φ63.7×4	1380	220	8/116	50	35	68×33×58
SYD750×2-50	0.55×2	Φ63.7×4	1380	270	8/116	50	38	68×33×60

Oilfree Silent Air Compressor



SYD550×3-85
SYD750×3-100



SYD550×4-150
SYD750×4-200



MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYD550×3-85	0.55×3	Φ63.7×6	1380	330	8/116	85	68	99×37×64
SYD750×3-100	0.75×3	Φ63.7×6	1380	405	8/116	100	72	106×37×69
SYD550×4-150	0.55×4	Φ63.7×8	1380	440	8/116	150	89	131×37×67
SYD750×4-200	0.75×4	Φ63.7×8	1380	540	8/116	200	96	138×41×75

Oilfree Silent Air Compressor



SYD980×3-100



SYD980×4-150



SYD980×5-200

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYD980×3-100	0.98×3	Φ63.7×6	1380	480	8/116	100	78	106×37×72
SYD980×4-150	0.98×4	Φ63.7×8	1380	600	8/116	150	98	131×37×73
SYD980×5-200	0.98×5	Φ63.7×10	1380	750	8/116	200	105	138×42×79

Oilfree Silent Air Compressor



SYW550-24L
SYW750-35L



SYW750-50LF

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW550-24L	0.55	Φ63.7×2	1380	102	8/116	24	24	43×43×62
SYW750-35L	0.75	Φ63.7×2	1380	125	8/116	35	28	43×43×65
SYW550-35LF	0.55	Φ63.7×2	1380	102	8/116	35	26	43×43×67
SYW750-50LF	0.75	Φ63.7×2	1380	125	8/116	35	31	43×43×67

Oilfree Silent Air Compressor



SYW550-9



SYW550-24



SYW550×2-50
SYW750×2-50

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW550-9	0.55	Φ63.7×2	1380	102	8/116	9	14.5	48×21×51
SYW550-24	0.55	Φ63.7×2	1380	102	8/116	24	22	54×25×51
SYW750-30	0.75	Φ63.7×2	1380	125	8/116	30	26	60×25×53
SYW550×2-50	0.55×2	Φ63.7×4	1380	204	8/116	50	35	68×33×58
SYW750×2-50	0.55×2	Φ63.7×4	1380	250	8/116	50	38	68×33×60

Oilfree Silent Air Compressor



SYW550×3-65
SYW750×3-85



SYW550×4-150
SYW750×4-200

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW550×3-65	0.55×3	Φ63.7×6	1380	306	8/116	65	64	99×37×62
SYW750×3-85	0.75×3	Φ63.7×6	1380	375	8/116	85	68	99×37×63
SYW550×4-150	0.55×4	Φ63.7×8	1380	408	8/116	150	89	131×37×67
SYW750×4-200	0.75×4	Φ63.7×8	1380	500	8/116	200	96	138×41×75

Oilfree Silent Air Compressor



SYW1100-50
SYW1500-50



SYW1100×3-100L
SYW1500×3-120L



SYW1100×4-160L
SYW1500×4-180L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SYW1100-50	1.1	Φ63.7×2	1380	180	8/116	50	37	68×31×67
SYW1500-50	1.5	Φ69.7×2	1380	240	8/116	50	38	68×31×67
SYW1100×3-100L	1.1×3	Φ63.7×6	1380	540	8/116	100	100	115×37×79
SYW1500×3-120L	1.5×3	Φ69.7×6	1380	720	8/116	120	110	123×37×79
SYW1100×4-160L	1.1×4	Φ63.7×8	1380	720	8/116	160	125	132×37×79
SYW1500×4-180L	1.5×4	Φ69.7×8	1380	960	8/116	180	135	136×42×83

Direct Drive Air Compressor



ZA-2524D
ZA-2550D



ZB-2524D
ZB-2550D

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
ZA-2024D	2/1.5	Φ42	2800	135	8/116	24	20	58×27×61.5
ZA-2524D	2.5/1.8	Φ47	2800	185	8/116	24	22	58×27×61.5
ZA-2050D	2/1.5	Φ42	2800	135	8/116	50	29	68×31×67
ZA-2550D	2.5/1.8	Φ47	2800	185	8/116	50	31	68×31×67
ZB-2024D	2/1.5	Φ42	2800	135	8/116	24	20	58×28×60.5
ZB-2524D	2.5/1.8	Φ47	2800	185	8/116	24	22	58×28×60.5
ZB-2050D	2/1.5	Φ42	2800	135	8/116	50	29	68×31×64
ZB-2550D	2.5/1.8	Φ47	2800	185	8/116	50	31	68×31×64

Direct Drive Air Compressor



ZA-2020



ZA-2024
ZA-2524



ZA-2050
ZA-2550



ZA-2524C

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
ZA-2020	1.5/1.1	Φ42	2800	124	8/116	20	18.5	54×24×55
ZA-2024	2/1.5	Φ42	2800	135	8/116	24	20	58×27×60.5
ZA-2524	2.5/1.8	Φ47	2800	185	8/116	24	22	58×27×60.5
ZA-2050	2/1.5	Φ42	2800	135	8/116	50	29	68×31×66
ZA-2550	2.5/1.8	Φ47	2800	185	8/116	50	31	68×31×66
ZA-2524C	2.5/1.8	Φ47	2800	185	8/116	24	22	58×27×60.5

Direct Drive Air Compressor



ZB-2020



ZB-2024
ZB-2524



ZB-2524C
ZB-2550C



ZB-2524T

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
ZB-2020	1.5/1.1	Φ42	2800	124	8/116	20	18.5	54×24×54
ZB-2024	2/1.5	Φ42	2800	135	8/116	24	20	58×28×58
ZB-2524	2.5/1.8	Φ47	2800	185	8/116	24	22	58×28×58
ZB-2524C	2.5/1.8	Φ47	2800	185	8/116	24	22	58×28×58
ZB-2550C	2.5/1.8	Φ47	2800	185	8/116	24	22	68×31×62.5
ZB-2524T	2.5/1.8	Φ47	2800	185	8/116	50	31	58×28×58

Direct Drive Air Compressor



SA0309



SA0409



SA0320

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SA0309	1/0.75	Φ42	2800	124	8/116	9	14	47×21×47
SA0409	1.5/1.1	Φ47	2800	155	8/116	9	16	47×21×47
SA0320	1/0.75	Φ42	2800	124	8/116	20	18.5	54×24×55

Direct Drive Air Compressor



ZB-2524A
ZB-2550A



ZB-2524B
ZB-2550B



ST3030
ST3050

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
ZB-2524A	2.5/1.8	Φ47	2800	185	8/116	24	23	64×28×58
ZB-2550A	2.5/1.8	Φ47	2800	185	8/116	24	22	68×31×62.5
ZB-2524B	2.5/1.8	Φ47	2800	185	8/116	24	22	58×28×58
ZB-2550B	2.5/1.8	Φ47	2800	185	8/116	24	22	68×31×62.5
ST3030	3/2.2	Φ51	2800	220	8/116	30	26	64×28×58
ST3050	3/2.2	Φ51	2800	220	8/116	50	34	68×31×65

Direct Drive Air Compressor



SA2042V



SA2043V



SA2047V
SA2048V

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
SA2042V	2/1.5	Φ42×2	2800	260	8/116	40	30	67×34×61
SA2043V	3/2.2	Φ47×2	2800	375	8/116	50	36	69×33×62
SA2043V	3/2.2	Φ47×2	2800	375	8/116	100	52	103×34×69
SA2047V	3/2.2	Φ47×2	2800	350	8/116	50	36	69×33×62
SA2048V	3.5/2.5	Φ48×2	2800	390	8/116	50	38	69×32×65
SA2047V	3/2.2	Φ47×2	2800	350	8/116	100	56	103×34×66

Belt Drive Air Compressor



Z-0.17/8



Z-0.25/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
Z-0.17/8	2/1.5	Φ55×2	1020	170	8/116	50	55	83×40×76
Z-0.17/8	2/1.5	Φ55×2	1020	170	8/116	100	71	106×40×83
Z-0.25/8	3/2.2	Φ65×2	1020	250	8/116	100	72	106×40×83
Z-0.25/8	3/2.2	Φ65×2	1020	250	8/116	150	91	130×42×88
Z-0.25/8	3/2.2	Φ65×2	1020	250	8/116	200	106	130×46×96

Belt Drive Air Compressor



Z-0.17/8A



Z-0.25/8A
Z-0.3/8A

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
Z-0.17/8A	2/1.5	Φ55×2	1020	170	8/116	50	53	83×40×74
Z-0.25/8A	3/2.2	Φ65×2	1020	250	8/116	100	70	106×40×83
Z-0.25/8A	3/2.2	Φ65×2	1020	250	8/116	150	89	130×42×88
Z-0.3/8A	3.5/2.5	Φ70×2	1020	300	8/116	150	89	130×42×88
Z-0.3/8A	3.5/2.5	Φ70×2	1020	300	8/116	200	105	130×46×93

Belt Drive Air Compressor



Z-0.25/8S
Z-0.3/8S



Z-0.48/8A
Z-0.6/8A

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
Z-0.25/8S	3×2/2.2×2	Φ65×4	1020	500	8/116	300	180	155×55×82
Z-0.25/8S	3×2/2.2×2	Φ65×4	1020	500	8/116	400	260	175×60×95
Z-0.25/8S	3×2/2.2×2	Φ65×4	1020	500	8/116	500	300	190×65×102
Z-0.25/8S	3×2/2.2×2	Φ65×4	1020	500	8/116	1000	400	205×85×125
Z-0.3/8S	3.5×2/2.5×2	Φ70×4	1020	600	8/116	300	190	155×55×82
Z-0.3/8S	3.5×2/2.5×2	Φ70×4	1020	600	8/116	500	320	190×65×102
Z-0.3/8S	3.5×2/2.5×2	Φ70×4	1020	600	8/116	1000	420	205×85×125
Z-0.48/8A	5.5/4	Φ80×2	900	480	8/116	200	135	130×46×102
Z-0.48/8A	5.5/4	Φ80×2	900	480	8/116	300	160	152×52×107
Z-0.48/8A	5.5/4	Φ80×2	900	480	8/116	500	220	182×61×115
Z-0.6/8A	5.5/4	Φ90×2	900	600	8/116	200	135	130×46×102
Z-0.6/8A	5.5/4	Φ90×2	900	600	8/116	300	160	152×52×107
Z-0.6/8A	5.5/4	Φ90×2	900	600	8/116	500	225	182×61×115

Belt Drive Air Compressor



VD-0.17/8 VD-0.25/8



WD-0.36/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
VD-0.17/8	2/1.5	Φ51×2	1050	245	8/116	60	57	95×40×75
VD-0.17/8	2/1.5	Φ51×2	1050	245	8/116	70	65	100×40×75
VD-0.17/8	2/1.5	Φ51×2	1050	245	8/116	85	72	101×40×77
VD-0.25/8	3/2.2	Φ65×2	1050	360	8/116	100	90	106×40×78
VD-0.25/8	3/2.2	Φ65×2	1050	360	8/116	150	96	132×40×80
VD-0.25/8	3/2.2	Φ65×2	1050	360	8/116	200	110	139×43×85
WD-0.36/8	4/3	Φ65×3	1050	480	8/116	100	93	117×45×80
WD-0.36/8	4/3	Φ65×3	1050	480	8/116	150	112	132×45×82
WD-0.36/8	4/3	Φ65×3	1050	480	8/116	200	127	139×45×88
WD-0.36/8	4/3	Φ65×3	1050	480	8/116	300	145	139×48×93

Belt Drive Air Compressor



VD-0.6/8



WD-0.9/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
VD-0.6/8	5.5/4	Φ90×2	920	700	8/116	100	98	117×48×82
VD-0.6/8	5.5/4	Φ90×2	920	700	8/116	150	140	132×48×84
VD-0.6/8	5.5/4	Φ90×2	920	700	8/116	200	156	139×48×90
VD-0.6/8	5.5/4	Φ90×2	920	700	8/116	300	180	139×51×95
WD-0.9/8	10/7.5	Φ90×3	880	980	8/116	200	176	140×55×93
WD-0.9/8	10/7.5	Φ90×3	880	980	8/116	300	205	160×55×98
WD-0.9/8	10/7.5	Φ90×3	880	980	8/116	500	270	177×63×116

Belt Drive Air Compressor



Z-0.036/8



V-0.12/8 V-0.17/8 V-0.23/8



W-0.36/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
Z-0.036/8	1/0.75	Φ51×1	1100	86	8/116	30	34	65×34×58
Z-0.036/8	1/0.75	Φ51×1	1100	86	8/116	40	40	69×36×63
V-0.12/8	1.5/1.1	Φ51×2	980	178	8/116	60	56	95×40×75
V-0.12/8	1.5/1.1	Φ51×2	980	178	8/116	85	69	101×40×77
V-0.17/8	2/1.5	Φ51×2	980	185	8/116	85	70	101×40×77
V-0.17/8	2/1.5	Φ51×2	980	185	8/116	100	83	106×40×78
V-0.25/8	3/2.2	Φ65×2	980	298	8/116	100	90	106×40×78
V-0.25/8	3/2.2	Φ65×2	980	298	8/116	150	96	132×40×80
V-0.25/8	3/2.2	Φ65×2	980	298	8/116	200	110	139×43×85
W-0.36/8	4/3	Φ65×3	940	450	8/116	100	93	117×45×80
W-0.36/8	4/3	Φ65×3	940	450	8/116	150	112	132×45×82
W-0.36/8	4/3	Φ65×3	940	450	8/116	200	127	139×45×88

Belt Drive Air Compressor



V-0.6/8



W-0.9/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
V-0.6/8	5.5/4	Φ90×2	750	575	8/116	100	98	117×48×82
V-0.6/8	5.5/4	Φ90×2	750	575	8/116	200	156	139×48×90
V-0.6/8	5.5/4	Φ90×2	750	575	8/116	300	180	139×51×95
W-0.9/8	10/7.5	Φ90×3	800	900	8/116	200	176	140×55×93
W-0.9/8	10/7.5	Φ90×3	800	900	8/116	300	205	160×55×98
W-0.9/8	10/7.5	Φ90×3	800	900	8/116	500	270	177×63×116

Belt Drive Air Compressor



V-1.05/12



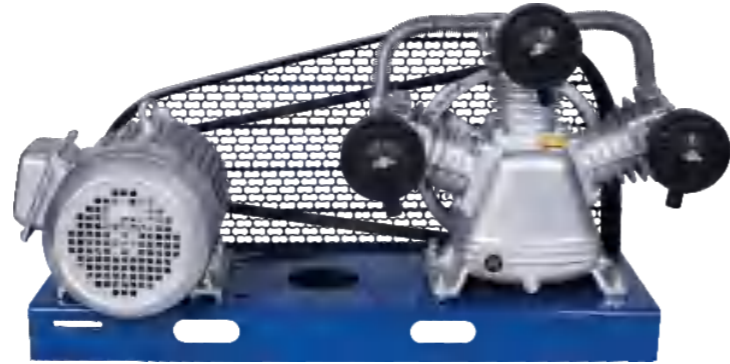
W-1.6/8
W-2.0/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
V-1.05/12	10/7.5	Φ105×2/Φ55×2	760	1550	12.5/180	300	340	154×61×113
V-1.05/12	10/7.5	Φ105×2/Φ55×2	760	1550	12.5/180	500	400	189×64×125
W-1.6/8	15/11	Φ100×3	750	1600	8/116	300	355	154×61×120
W-1.6/8	15/11	Φ100×3	750	1600	8/116	500	415	189×68×132
W-2.0/8	20/15	Φ120×3	730	2170	8/116	300	375	154×70×128
W-2.0/8	20/15	Φ120×3	730	2170	8/116	500	435	189×70×140

Belt Drive Air Compressor



V-0.12/8



W-0.36/8



SZ1100-10
SZ1500-10



SZ2065-12

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
V-0.12/8	1.5/1.1	Φ51×2	980	178	8/116	/	31	66×40×41
V-0.17/8	2/1.5	Φ51×2	980	185	8/116	/	33	72×40×42
V-0.25/8	3/2.2	Φ65×2	980	298	8/116	/	36	72×40×42
W-0.36/8	4/3	Φ65×3	940	450	8/116	/	57	90×45×46
V-0.6/8	5.5/4	Φ90×2	750	575	8/116	/	72	90×48×51
W-0.9/8	10/7.5	Φ90×3	800	900	8/116	/	107	104×52×51
SZ1100-10	1.1KW	Φ63.7×2	1380	180	8/116	10	28	51×39×39
SZ1500-10	1.5KW	Φ69.7×2	1380	240	8/116	10	30	51×39×39
SZ2055-12	2/1.5	Φ55×2	1020	170	8/116	12	34	75×43×53
SZ2065-12	3/2.2	Φ65×2	1020	250	8/116	12	38	75×43×53
SZ2070-12	3.5/2.5	Φ70×2	1020	300	8/116	12	40	75×43×53

Belt Drive Air Compressor



V-0.12/8-GAS



W-0.36/8-GAS



V-0.6/8-GAS W-0.9/8-GAS



MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
	HP	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
V-0.12/8-GAS	5.5	Φ51×2	980	110	8/116	100	90	106×40×83
V-0.25/8-GAS	6.5	Φ65×2	980	240	8/116	100	90	106×40×83
W-0.36/8-GAS	7	Φ65×3	940	350	8/116	150	112	132×40×88
V-0.6/8-GAS	13	Φ90×2	750	550	8/116	200	156	139×42×99
W-0.9/8-GAS	13	Φ90×3	800	780	8/116	300	205	160×48×108

Belt Drive Air Compressor



ZB-2050L



V-0.25/8-L

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
ZB-2050L	2/1.5	Φ47×1	2800	185	8/116	50	32	38×38×86
ZB-2080L	2/1.5	Φ47×1	2800	185	8/116	80	38	38×38×92
V-0.17/8-L	2/1.5	Φ51×2	980	185	8/116	100	73	58×43×127
V-0.25/8-L	3/2.2	Φ65×2	980	298	298	100	84	58×43×127
W-0.36/8-L	4/3	Φ65×3	940	450	8/116	200	125	62×56×142

Belt Drive Air Compressor



VA-0.25/8



TA-0.36/8

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)
VA-0.25/8	3/2.2	Φ65×2	1020	250	0.8/116	70	56	94×40×73
VA-0.25/8	3/2.2	Φ65×2	1020	250	0.8/116	100	76	106×40×83
VA-0.25/8	3/2.2	Φ65×2	1020	250	0.8/116	150	96	130×42×86
VA-0.25/8	3/2.2	Φ65×2	1020	250	0.8/116	200	111	130×45×97
TA-0.36/8	4/3	Φ65×3	1050	360	8/116	100	93	106×42×85
TA-0.36/8	4/3	Φ65×3	1050	360	8/116	150	112	130×42×89
TA-0.36/8	4/3	Φ65×3	1050	360	8/116	200	127	130×46×98

Belt Drive Air Compressor



VA-0.48/8
VA-0.6/8



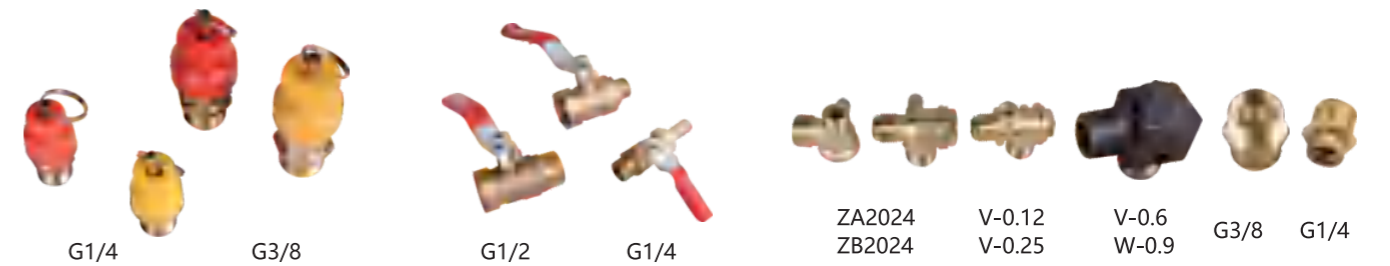
TA-0.67/8
TA-0.9/8

Spare Parts



Breath pipe

Pressure gauge



Safety valve

Ball valve

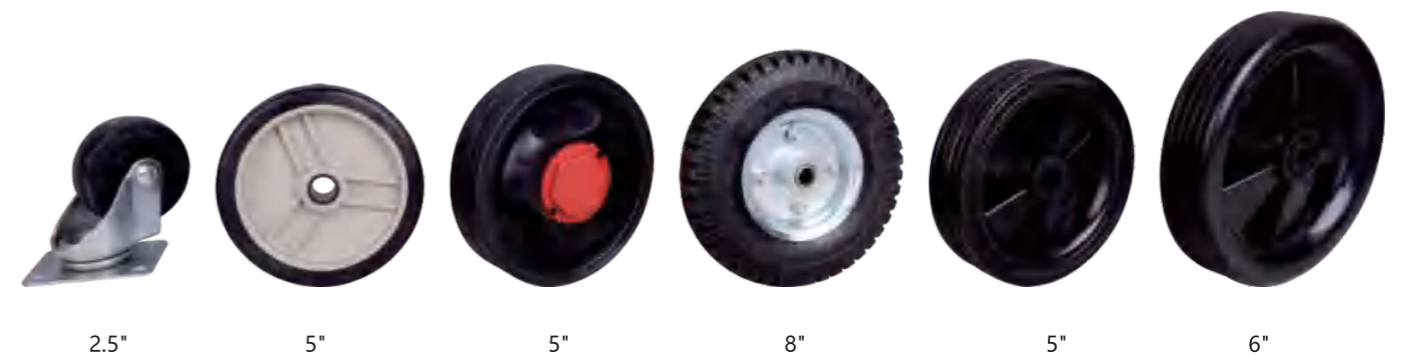
One-way valve



Muffler



Pressure switch



Wheel

MODEL	POWER	CYLINDER	SPEED	EXHAUST VOLUME	RATING PRESSURE	TANK	WEIGHT	SIZE	
SHENYUAN	HP/KW	mm	r/min	L/min	Bar/Psi	L	KG	L×W×H(cm)	
	VA-0.48/8	5.5/4	Φ80×2	850	480	8/116	100	116	110×42×96
	VA-0.48/8	5.5/4	Φ80×2	850	480	8/116	150	156	130×52×106
	VA-0.48/8	5.5/4	Φ80×2	850	480	8/116	200	181	148×52×111
	VA-0.6/8	5.5/4	Φ90×2	850	600	8/116	200	156	130×52×106
	VA-0.6/8	5.5/4	Φ90×2	850	600	8/116	300	181	148×52×111
	TA-0.67/8	7.5/5.5	Φ80×3	950	670	8/116	120	176	130×52×104
	TA-0.67/8	7.5/5.5	Φ80×3	950	670	8/116	150	201	148×52×113
	TA-0.67/8	7.5/5.5	Φ90×3	950	670	8/116	200	269	182×61×123
	TA-0.67/8	7.5/5.5	Φ90×3	950	670	8/116	300	269	182×61×123
	TA-0.9/8	10/7.5	Φ90×3	900	900	8/116	170	135	130×52×104
	TA-0.9/8	10/7.5	Φ90×3	950	900	8/116	200	176	130×52×104
	TA-0.9/8	10/7.5	Φ90×3	950	900	8/116	300	201	148×52×113
	TA-0.9/8	10/7.5	Φ90×3	950	900	8/116	500	269	182×61×123

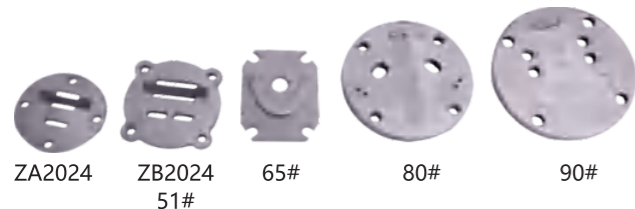
Spare Parts



ZA2024
ZA2050
ZB2024
ZB2050
Regulator



ZA2024
ZA2050
ZB2024
ZB2050
Switch assembly



ZA2024 ZB2024 65# 80# 90#
51#
Valve plate



Φ42 Φ47 Φ51 Φ65 Φ80 Φ90
Piston



ZA2024 ZB2024 Φ51 Φ65 Φ90
Connecting rod



Φ42 Φ47 Φ51 Φ65 Φ90
Piston ring



ZB2024 ZA2024 Φ51 Φ65 Φ90
Gasket



Tools kit

Motor SERIES

Shenyuan Electro-Machinery Incorporated Corporation
www.chinashenyuan.com



YL₂/YC₂ Series

SINGLE-PHASE ASYNCHRONOUS MOTORS



YL₂ series two-value capacitor asynchronous motors

YL₂ series capacitor asynchronous motors are single-phase the motors of capacitor start and run. Main features: mall size high capacity ,strong starting torque , high power factor and efficiency, safety and reliability in running, simple construction and easy maintenance,it possess frame NO.and capacity as three-phase asynchronous motors.

The rated frequency of the motors in 50Hz while the rated voltage is 220V.

This series motors are of totally enclosed fan-cooled structure, class B insulation,IP44 degree of protection and IC411 method of cooling.The mounting dimensions of the motors are all in conformity with IEC standards.Mounting type:IM B3、IM B5、IM B35、IM B14、IM V1、IM V3、IM V5、IM V6、IM V18、IM V19、IM V36. YL series motors are suitable for machines and equipments such as full load start.

YC₂ series single-phase capacitor-start asynchronous motors

Single-phase capacitor-start asynchronous motor.Series YC₂,is totally enclosed fan-cooled type.The starting torque of motors is 2-3 times as ratedtorque. The motors give excellent performance such as low in noise,low in temperature-rise,high in overloading capacity and convenience inmaintenance. It may widely application in all types of small machine tools compression pumps refrigerators and the equipment which need bigger starting torque,etc.

They are wonderful utilities for family workshop where only single-phase power are available.

This series motors adopts class B insulation.IP44 degree of protection and IC0141 method of cooling.The rated frequency of the motor is 50Hz whilethe rating voltage is 220V.

The mounting dimensions of the motors are all in conformity with IEC standarde. Mounting

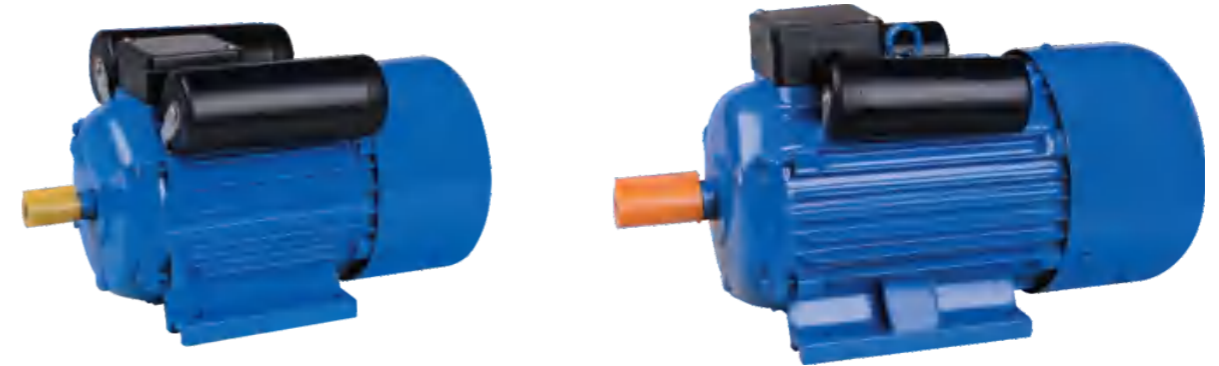
types:IM B3,IM B5,IM B35,IM B14,IM B34,IM V1,IM V3,IM V5,IM V6,IM V18,IM V19,IM V36.

Working conditions: Altitude above sea level not over 1000m, Altitude temperature not over 40°C.

Type	Output (KW)	Speed (r/min)	Amps (A)	Voltage (V)	EFF. (%)	P.F. CosΦ	LRT/RLT	BOT/RLT	LRA	Noise LodB(A)
YL ₈₀₁₋₂	0.75	2800	5.1	220	72	0.92	1.8	1.7	29	75
YL ₈₀₂₋₂	1.1	2800	7.0	220	75	0.95	1.8	1.7	40	75
YL ₈₀₁₋₄	0.55	1400	4.0	220	68	0.92	1.8	1.7	21	70
YL ₈₀₂₋₄	0.75	1400	5.2	220	71	0.92	1.8	1.7	29	70
YL _{90S-2}	1.5	2800	9.4	220	76	0.95	1.7	1.7	55	78
YL _{90L-2}	2.2	2800	13.7	220	77	0.95	1.7	1.7	80	78
YL _{90S-4}	1.1	1400	7.2	220	73	0.95	1.7	1.7	40	73
YL _{90L-4}	1.5	1400	9.6	220	75	0.95	1.7	1.7	55	73
YL _{100L-2}	3	2800	18.2	220	79	0.95	1.7	1.7	110	83
YL _{100L1-4}	2.2	1400	13.9	220	76	0.95	1.7	1.7	80	78
YL _{100L2-4}	3	1400	18.6	220	77	0.95	1.7	1.7	110	78
YC ₈₀₁₋₂	0.37	2800	3.4	220	65	0.77	2.8	1.8	21	75
YC ₈₀₂₋₂	0.55	2800	4.7	220	68	0.79	2.8	1.8	29	75
YC ₈₀₁₋₄	0.25	1400	3.1	220	58	0.63	2.8	1.8	15	65
YC ₈₀₂₋₄	0.37	1400	4.2	220	62	0.64	2.5	1.8	21	70
YC _{90S-2}	0.75	2800	5.9	220	70	0.80	2.5	1.8	37	75
YC _{90L-2}	1.1	2800	8.7	220	72	0.80	2.5	1.8	60	78
YC _{90S-4}	0.55	1400	5.5	220	66	0.69	2.5	1.8	29	70
YC _{90L-4}	0.75	1400	6.9	220	68	0.73	2.5	1.8	37	70
YC _{100L1-2}	1.5	2800	11.4	220	74	0.81	2.5	1.8	80	83
YC _{100L2-2}	2.2	2800	16.5	220	75	0.81	2.2	1.8	120	83
YC _{100L1-4}	1.1	1400	9.5	220	71	0.74	2.5	1.8	60	73
YC _{100L2-4}	1.5	1400	12.5	220	73	0.75	2.5	1.8	80	78
YC _{112M-2}	3	2800	21.9	220	76	0.82	2.2	1.8	150	87
YC _{100L2-4}	1.5	1400	12.5	220	73	0.75	2.5	1.8	80	78

YL₃/YC₃ Series

SINGLE-PHASE ASYNCHRONOUS MOTORS



YL₃ series two-value capacitor asynchronous motors

YL₃ series capacitor asynchronous motors are single-phase the motors of capacitor start and run. Main features: mall size high capacity ,strong starting torque , high power factor and efficiency, safety and reliability in running, simple construction and easy maintenance,it possess frame NO.and capacity as three-phase asynchronous motors.

The rated frequency of the motors in 50Hz while the rated voltage is 220V.

This series motors are of totally enclosed fan-cooled structure, class B insulation,IP44 degree of protection and IC411 method of cooling.The mounting dimensions of the motors are all in conformity with IEC standards.Mounting type:IM B3、IM B5、IM B35、IM B14、IM V1、IM V3、IM V5、IM V6、IM V18、IM V19、IM V36. YL series motors are suitable for machines and equipments such as full load start.

YC₃ series single-phase capacitor-start asynchronous motors

Single-phase capacitor-start asynchronous motor.Series YC₃,is totally enclosed fan-cooled type.The starting torque of motors is 2-3 times as ratedtorque. The motors give excellent performance such as low in noise,low in temperature-rise,high in overloading capacity and convenience inmaintenance. It may widely application in all types of small machine tools compression pumps refrigerators and the equipment which need bigger starting torque,etc.

They are wonderful utilities for family workshop where only single-phase power are available.

This series motors adopts class B insulation.IP44 degree of protection and IC0141 method of cooling.The rated frequency of the motor is 50Hz whilethe rating voltage is 220V.

The mounting dimensions of the motors are all in conformity with IEC standarde. Mounting

types:IM B3,IM B5,IM B35,IM B14,IM B34,IM V1,IM V3,IM V5,IM V6,IM V18,IM V19,IM V36.

Working conditions: Altitude above sea level not over 1000m, Altitude temperature not over 40°C.

Technical date of YL₃/YC₃ series

Type	Output (KW)	Speed (r/min)	Amps (A)	Voltage (V)	EFF. (%)	P.F. CosΦ	LRT/RLT	BOT/RLT	LRA	Noise LodB(A)	Weight (kg)
YL ₈₀₁₋₂	0.75	2800	5.1	220	72	0.92	1.8	1.7	29	75	14
YL ₈₀₂₋₂	1.1	2800	7.0	220	75	0.95	1.8	1.7	40	75	15
YL ₈₀₁₋₄	0.55	1400	4.0	220	68	0.92	1.8	1.7	21	70	13
YL ₈₀₂₋₄	0.75	1400	5.2	220	71	0.92	1.8	1.7	29	70	14
YL _{90S-2}	1.5	2800	9.4	220	76	0.95	1.7	1.7	55	78	22
YL _{90L-2}	2.2	2800	13.7	220	77	0.95	1.7	1.7	80	78	24
YL _{90S-4}	1.1	1400	7.2	220	73	0.95	1.7	1.7	40	73	21
YL _{90L-4}	1.5	1400	9.6	220	75	0.95	1.7	1.7	55	73	23
YL _{100L-2}	3	2800	18.2	220	79	0.95	1.7	1.7	110	83	24
YL _{100L1-4}	2.2	1400	13.9	220	76	0.95	1.7	1.7	80	78	32
YL _{100L2-4}	3	1400	18.6	220	77	0.95	1.7	1.7	110	78	33
YL _{112M-2}	3.7	2800	22.1	220	80	0.95	1.7	1.7	130	78	46
YL _{112M-4}	3.7	1400	22.4	220	79	0.95	1.7	1.7	130	78	44
YL _{132S-2}	5.5	2800	32.5	220	81	0.95	1.7	1.7	190	83	66
YL _{132S-4}	5.5	1400	32.9	220	80	0.95	1.7	1.7	190	83	70
YC ₈₀₁₋₂	0.37	2800	3.4	220	65	0.77	2.8	1.8	21	75	13.5
YC ₈₀₂₋₂	0.55	2800	4.7	220	68	0.79	2.8	1.8	29	75	14.5
YC ₈₀₁₋₄	0.25	1400	3.1	220	58	0.63	2.8	1.8	15	65	13.5
YC ₈₀₂₋₄	0.37	1400	4.2	220	62	0.64	2.5	1.8	21	70	14.5
YC _{90S-2}	0.75	2800	5.9	220	70	0.80	2.5	1.8	37	75	22
YC _{90L-2}	1.1	2800	8.7	220	72	0.80	2.5	1.8	60	78	21
YC _{90S-4}	0.55	1400	5.5	220	66	0.69	2.5	1.8	29	70	22
YC _{90L-4}	0.75	1400	6.9	220	68	0.73	2.5	1.8	37	70	21
YC _{100L1-2}	1.5	2800	11.4	220	74	0.81	2.5	1.8	80	83	31
YC _{100L2-2}	2.2	2800	16.5	220	75	0.81	2.2	1.8	120	83	33
YC _{100L1-4}	1.1	1400	9.5	220	71	0.74	2.5	1.8	60	73	31
YC _{100L2-4}	1.5	1400	12.5	220	73	0.75	2.5	1.8	80	78	32
YC _{112M-2}	3	2800	21.9	220	76	0.82	2.2	1.8	150	87	46
YC _{100L2-4}	1.5	1400	12.5	220	73	0.75	2.5	1.8	80	78	40

Y2-1 (CAST IRON) Series

THREE-PHASE ASYNCHRONOUS MOTORS



General introduction

Y2-1 (cast iron shell) Series three-phase asynchronous motor is specially designed for European market. Whose terminal box is located on the top of motor.

The motor has a very compact structure and attractive appearance, the sizes and mounting dimensions are all in conformity with IEC standard, The motor has some good feature, such as high efficiency, energy-saving. High starting torque and easy maintenance etc.

Insulation class: F Protection

Type: 1P54 or IP55

Voltage: 38V or 415V Frequency: 50Hz or 60Hz

Cooling type: IC 1041

There are three kinds of installation construction for motor

B3: Frame with foot, end shield without flange

B35: Frame with foot, end shield without flange

B5: Frame with foot, end shield without flange;

Technical Date of Y2-1 Series

NO.	Type	Output (KW)	Amps (A)	Speed (r/min)	EFF. (%)	P.F. CosΦ	LRT RLT	BOT RLA	BOT RLT	Noise LodB(A)	Weight (kg)
1	Y2 ₁ -63M1-2	0.18	0.53	2720	65.0	0.80	2.3	5.5	2.2	61	4.5
2	Y2 ₁ -63M2-2	0.25	0.69	2720	68.0	0.81	2.3	5.5	2.2	61	4.7
3	Y2 ₁ -71M1-2	0.37	1.01	2755	69.0	0.81	2.3	6.1	2.2	64	6
4	Y2 ₁ -71M2-2	0.55	1.38	2790	74.0	0.82	2.3	6.1	2.3	64	6.3
5	Y2 ₁ -80M1-2	0.75	1.77	2845	75.0	0.83	2.2	6.1	2.3	67	16
6	Y2 ₁ -80M2-2	1.1	2.61	2835	76.2	0.84	2.2	6.1	2.3	67	17
7	Y2 ₁ -90S-2	1.5	3.46	2850	78.5	0.84	2.2	6.9	2.3	72	20
8	Y2 ₁ -90L-2	2.2	4.85	2855	81.0	0.85	2.2	7.0	2.3	72	23
9	Y2 ₁ -100L-2	3	6.34	2860	82.6	0.87	2.2	7.0	2.3	76	30
10	Y2 ₁ -112M-2	4	8.2	2880	84.2	0.88	2.2	7.5	2.3	77	41
11	Y2 ₁ -132S1-2	5.5	11.1	2900	85.7	0.88	2.2	7.5	2.3	80	57.5
12	Y2 ₁ -132S2-2	7.5	14.9	2900	87.0	0.88	2.2	7.5	2.3	80	60.5
13	Y2 ₁ -160M1-2	11	21.2	2930	88.4	0.89	2.2	7.5	2.3	86	107
14	Y2 ₁ -160M2-2	15	28.6	2930	89.4	0.89	2.2	7.5	2.3	86	114
15	Y2 ₁ -160L-2	18.5	34.7	2930	90.0	0.90	2.2	7.5	2.3	86	133
16	Y2 ₁ -180M-2	22	41	2940	90.5	0.90	2.0	7.5	2.3	89	165
17	Y2 ₁ -200L1-2	30	55.4	2950	91.4	0.90	2.0	7.5	2.3	92	218
18	Y2 ₁ -200L2-2	37	67.9	2950	92.0	0.90	2.0	7.5	2.3	92	230
19	Y2 ₁ -225M-2	45	82.1	2960	92.5	0.90	2.0	7.5	2.3	92	290
20	Y2 ₁ -250M-2	55	100	2970	93.0	0.90	2.0	7.5	2.3	93	359
21	Y2 ₁ -280S-2	75	135	2975	93.6	0.90	2.0	7.0	2.3	94	475
22	Y2 ₁ -280M-2	90	160	2975	93.9	0.91	2.0	7.1	2.3	94	510
23	Y2 ₁ -315S-2	110	195	2975	94.0	0.91	1.8	7.1	2.2	96	875
24	Y2 ₁ -315M-2	132	233	2975	94.5	0.91	1.8	7.1	2.2	96	963
25	Y2 ₁ -315L1-2	160	282	2975	94.6	0.91	1.8	7.1	2.2	99	1010
26	Y2 ₁ -315L2-2	200	348	2975	94.8	0.92	1.8	7.1	2.2	99	1138
27	Y2 ₁ -315M-2	250	433	2980	95.2	0.92	1.6	7.1	2.2	103	1900
28	Y2 ₁ -315L-2	315	545	2980	95.4	0.92	1.6	7.1	2.2	103	2300
29	Y2 ₁ -63M1-4	0.12	0.44	1310	57	0.72	2.1	4.4	2.2	52	4.5
30	Y2 ₁ -63M2-4	0.18	0.62	1310	60	0.73	2.1	4.4	2.2	52	4.7
31	Y2 ₁ -71M1-4	0.25	0.79	1345	65	0.74	2.1	5.2	2.2	55	6
32	Y2 ₁ -71M2-4	0.37	1.12	1340	67	0.75	2.1	5.2	2.2	55	6.3
33	Y2 ₁ -80M1-4	0.55	1.57	1390	71	0.75	2.4	5.2	2.3	58	15
34	Y2 ₁ -80M2-4	0.75	2.05	1380	73	0.76	2.3	6.0	2.3	58	15.5
35	Y2 ₁ -90S-4	1.1	2.85	1390	76.2	0.77	2.3	6.0	2.3	61	19
36	Y2 ₁ -90L-4	1.5	3.72	1400	78.5	0.78	2.3	6.0	2.3	61	23
37	Y2 ₁ -100L1-4	2.2	5.09	1420	80	0.81	2.3	7.0	2.3	64	29
38	Y2 ₁ -100L2-4	3	6.78	1410	82.6	0.82	2.3	7.0	2.3	64	31
39	Y2 ₁ -112M-4	4	8.8	1435	84.2	0.82	2.3	7.0	2.3	65	42
40	Y2 ₁ -132S-4	5.5	11.7	1440	85.7	0.83	2.3	7.0	2.3	71	63.5

Technical Date of Y2-1 Series

NO.	Type	Output (KW)	Amps (A)	Speed (r/min)	EFF. (%)	P.F. CosΦ	LRT RLT	BOT RLA	BOT RLT	Noise LodB(A)	Weight (kg)
41	Y2 ₁ -132M-4	7.5	15.6	1450	87	0.84	2.3	7.0	2.3	71	72
42	Y2 ₁ -160M-4	11	22.5	1460	88.4	0.84	2.2	7.0	2.3	75	110
43	Y2 ₁ -160L-4	15	30	1460	89.4	0.85	2.2	7.5	2.3	75	129
44	Y2 ₁ -180M-4	18.5	36.3	1470	90	0.86	2.2	7.5	2.3	76	160
45	Y2 ₁ -180L-4	22	43.2	1470	90.5	0.86	2.2	7.5	2.3	76	178
46	Y2 ₁ -200L-4	30	57.6	1470	91.4	0.86	2.2	7.2	2.3	79	228
47	Y2 ₁ -225S-4	37	70.2	1475	92	0.87	2.2	7.2	2.3	81	288
48	Y2 ₁ -225M-4	45	84.9	1475	92.5	0.87	2.2	7.2	2.3	81	313
49	Y2 ₁ -250M-4	55	103	1480	93	0.87	2.2	7.2	2.3	83	376
50	Y2 ₁ -280S-4	75	138.3	1340	93.6	0.88	2.2	6.8	2.3	86	508
51	Y2 ₁ -280M-4	90	165	1340	93.6	0.88	2.2	6.8	2.3	86	581
52	Y2 ₁ -315S-4	110	201	1480	94.5	0.88	2.1	6.9	2.2	93	846
53	Y2 ₁ -315M-4	132	240	1480	94.8	0.88	2.1	6.9	2.2	93	940
54	Y2 ₁ -315L1-4	160	288	1480	94.9	0.89	2.1	6.9	2.2	97	1044
55	Y2 ₁ -315L2-4	200	360	1480	94.9	0.89	2.1	6.9	2.2	97	1162
56	Y2 ₁ -355M-4	250	443	1490	95.2	0.90	2.1	6.9	2.2	101	1700
57	Y2 ₁ -355L-4	315	559	1490	95.2	0.90	2.1	6.9	2.2	101	1900
58	Y2 ₁ -71M1-6	0.18	0.74	870	56	0.66	1.9	4.0	2.0	52	6
59	Y2 ₁ -71M2-6	0.25	0.95	870	59	0.68	1.9	4.0	2.0	52	6.3
60	Y2 ₁ -80M1-6	0.37	1.3	880	62	0.70	1.9	4.7	2.0	54	15
61	Y2 ₁ -80M2-6	0.55	1.8	880	65	0.72	1.9	4.7	2.1	54	16
62	Y2 ₁ -90S-6	0.75	2.29	905	69	0.72	2.0	5.3	2.1	57	20
63	Y2 ₁ -90L-6	1.1	3.18	905	72	0.73	2.0	5.5	2.1	57	23
64	Y2 ₁ -100L-6	1.5	4	920	76	0.75	2.0	5.5	2.1	61	29
65	Y2 ₁ -112M-6	2.2	5.6	935	79	0.76	2.0	6.5	2.1	65	41
66	Y2 ₁ -132S-6	3	7.4	960	81	0.76	2.1	6.5	2.1	69	59
67	Y2 ₁ -132M1-6	4	9.75	960	82	0.76	2.1	6.5	2.1	69	66
68	Y2 ₁ -132M2-6	5.5	12.9	960	84	0.77	2.0	6.5	2.1	69	76.5
69	Y2 ₁ -160M-6	7.5	17.2	970	86	0.77	2.0	6.5	2.1	73	106
70	Y2 ₁ -160L-6	11	24.5	970	87.5	0.78	2.0	6.5	2.1	73	122
71	Y2 ₁ -180L-6	15	31.6	970	89	0.81	2.0	7.0	2.1	73	167
72	Y2 ₁ -200L1-6	18.5	38.6	980	90	0.81	2.1	7.0	2.1	76	236
73	Y2 ₁ -200L2-6	22	44.7	980	90	0.83	2.0	7.0	2.1	76	247
74	Y2 ₁ -225M-6	30	59.3	980	91.5	0.84	2.0	7.0	2.1	76	287
75	Y2 ₁ -250M-6	37	71	980	92	0.86	2.1	7.0	2.1	78	355
76	Y2 ₁ -280S-6	45	86	980	92.5	0.86	2.1	7.0	2.0	80	444
77	Y2 ₁ -280M-6	55	104	980	92.8	0.86	2.1	7.0	2.0	80	498
78	Y2 ₁ -315S-6	75	142	935	93.5	0.86	2.0	6.7	2.0	85	859
79	Y2 ₁ -315M-6	90	169	935	93.8	0.86	2.0	6.7	2.0	85	950
80	Y2 ₁ -315L1-6	110	207	935	94	0.86	2.0	6.7	2.0	85	1031
81	Y2 ₁ -315L2-6	132	245	935	94.2	0.87	2.0	6.7	2.0	85	1107
82	Y2 ₁ -355M1-6	160	292	990	94.5	0.88	1.9	6.7	2.0	92	1550
83	Y2 ₁ -355M2-6	200	365	990	94.5	0.88	1.9	6.7	2.0	92	1600
84	Y2 ₁ -355L-6	250	457	990	94.5	0.88	1.9	6.7	2.0	92	1700
85	Y2 ₁ -80M1-8	0.18	0.83	645	51	0.61	1.8	3.3	1.9	52	15
86	Y2 ₁ -80M2-8	0.25	1.1	645	54	0.61	1.8	3.3	1.9	52	16
87	Y2 ₁ -90S-8	0.37	1.49	675	62	0.61	1.8	4.0	1.9	56	20
88	Y2 ₁ -90L-8	0.55	2.17	680	63	0.61	1.8	4.0	2.0	56	23
89	Y2 ₁ -100L1-8	0.75	2.43	680	70	0.67	1.8	4.0	2.0	59	29
90	Y2 ₁ -100L2-8	1.1	3.36	680	72	0.69	1.8	5.0	2.0	59	31
91	Y2 ₁ -112M-8	1.5	4.4	690	74	0.70	1.8	5.0	2.0	61	41
92	Y2 ₁ -132S-8	2.2	6.0	710	79	0.71	1.8	6.0	2.0	64	61
93	Y2 ₁ -132M-8	3	7.8	710	80	0.73	1.8	6.0	2.0	64	74
94	Y2 ₁ -160M1-8	4	10.3	720	81	0.73	1.9	6.0	2.0	68	95
95	Y2 ₁ -160M2-8	5.5	13.6	720	83	0.74	1.9	6.0	2.0	68	107
96	Y2 ₁ -160L-8	7.5	17.8	720	85.5	0.75	1.9	6.0	2.0	68	128
97	Y2 ₁ -180L-8	11	25.5	730	87.5	0.75	2	6.5	2.0	70	169
98	Y2 ₁ -200L-8	15	34.1	7							

Y Series

THREE-PHASE ASYNCHRONOUS MOTORS



General introduction

Y series motor is a kind of low-voltage three-phase asynchronous motor. Which is a basic series for general uses. This can meet requirements for general uses at home and abroad with frame range 80-315.

Y series has the advantage of high efficiency, energy saving, fine operation performance, small vibration, low noise, long serviced life, high reliability, convenient maintenance, big breakaway torque. Fixing measurement and power grade completely conform to IEC standard. It employs Grande B insulation. IP44 class for shell protection and IC411 cooling mode. The rated voltage and frequency of "Y" series are respectively 380V, 400V, 415V, 440V and 50Hz, 60Hz.

Y series motor is commonly app; ied in machinery and equipment without special requirements, suchas agricultural machinery, food machinery, fan, agitator and air compressor, etc.

Type	Power (KW)	Amps (A)	Speed (r/min)	η (%)	Cos Φ	$\frac{Tst}{Tn}$	$\frac{Ist}{In}$	$\frac{Tmin}{Tn}$	$\frac{Tman}{Tn}$
380V 50HZ 2P									
Y80M1-2	0.75	1.8	2830	75.0	0.84	2.2	6.5	1.5	2.3
Y80M2-2	1.1	2.5	2830	77.0	0.86	2.2	7.0	1.5	2.3
Y90S-2	1.5	3.4	2840	78.0	0.85	2.2	7.0	1.5	2.3
Y90L-2	2.2	4.7	2840	80.5	0.86	2.2	7.0	1.4	2.3
Y100L-2	3	6.4	2870	82.0	0.87	2.2	7.0	1.4	2.3
Y112M-2	4	8.2	2890	85.5	0.87	2.2	7.0	1.4	2.3
Y132S1-2	5.5	11	2900	85.5	0.88	2.0	7.0	1.2	2.3
Y132S2-2	7.5	15	2900	86.2	0.88	2.0	7.0	1.2	2.3
Y160M1-2	11	22	2930	87.2	0.88	2.0	7.0	1.2	2.3
Y160M2-2	15	29	2930	88.2	0.88	2.0	7.0	1.2	2.3
Y160L-2	18.5	36	2930	89.0	0.89	2.0	7.0	1.1	2.2
Y180M-2	22	42	2940	89.0	0.89	2.0	7.0	1.1	2.2
Y200L1-2	30	57	2940	90.0	0.89	2.0	7.0	1.1	2.2
Y200L2-2	37	70	2950	90.5	0.89	2.0	7.0	1.1	2.2
Y225M-2	45	84	2970	91.5	0.89	2.0	7.0	1.0	2.2
Y250M-2	55	103	2970	91.5	0.89	2.0	7.0	1.0	2.2
Y280S-2	75	140	2970	92.0	0.89	2.0	7.0	0.9	2.2
Y280M-2	90	167	2970	92.5	0.89	2.0	7.0	0.9	2.2
Y315S-2	110	200	2980	92.5	0.89	1.8	6.8	0.9	2.2
Y315M-2	132	237	2980	93.0	0.89	1.8	6.8	0.9	2.2
Y315L1-2	160	286	2980	93.5	0.89	1.8	6.8	0.9	2.2
Y315L2-2	200	356	2980	93.5	0.89	1.8	6.8	0.8	2.2
380V 50HZ 4P									
Y80M1-4	0.55	1.5	1390	73.0	0.76	2.4	6.0	1.7	2.3
Y80M2-4	0.75	2.0	1390	74.5	0.76	2.3	6.0	1.6	2.3
Y90S-4	1.1	2.8	1400	78.0	0.78	2.3	6.5	1.6	2.3
Y90L-4	1.5	3.7	1400	79.0	0.79	2.3	6.5	1.6	2.3
Y100L1-4	2.2	5.0	1430	81.0	0.82	2.2	7.0	1.5	2.3
Y100L2-4	3	6.8	1430	82.5	0.81	2.2	7.0	1.5	2.3
Y112M-4	4	8.8	1400	84.5	0.82	2.2	7.0	1.5	2.3
Y132S-4	5.5	12	1400	85.5	0.84	2.2	7.0	1.4	2.3
Y132M-4	7.5	15	1400	87.0	0.85	2.2	7.0	1.4	2.3
Y160M-4	11	23	1460	88.0	0.84	2.2	7.0	1.4	2.3
Y160L-4	15	30	1460	88.5	0.85	2.2	7.0	1.4	2.3

High Pressure Washer SERIES

Shenyuan Electro-Machinery Incorporated Corporation
www.chinashenyuan.com



Portable Electric Pressure Washer



SY2201 SY2202 SYC-1 SYC-2

Model	SY2201/SY2202/SYC-1/SYC-2	SY2201/SY2202/SYC-1/SYC-2
Motor Power	1500W	1800W
Voltage	220V/50Hz	220V/50Hz
Max Pressure	60bar	80bar
Max Flow	6L/min	7L/min
Size(cm)	41*20*31	41*20*31
Weight (G.W)	10KG	12KG



SYC-3 SYC-4 SYC-8 SYC-9

Model	SYC-3/SYC-4/SYC-8/SYC-9	SYC-3/SYC-4/SYC-8/SYC-9
Motor Power	1500W	1800W
Voltage	220V/50Hz	220V/50Hz
Max Pressure	60bar	80bar
Max Flow	6L/min	7L/min
Size(cm)	41*20*31	41*20*31
Weight (G.W)	10KG	12KG

Portable Electric Pressure Washer



SY2301 SY2302 SY2303

Model	SY2301		SY2302		SY2303	
Motor Power	1800W	2000W	1800W	2000W	1800W	2000W
Voltage	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz	220V/50Hz
Max Pressure	80bar	90bar	80bar	90bar	80bar	90bar
Max Flow	7L/min	8L/min	7L/min	8L/min	7L/min	8L/min
Size(cm)	41*20*31	41*20*31	41*20*31	41*20*31	41*20*31	41*20*31
Weight (G.W)	12KG	13KG	12KG	13KG	12KG	13KG



SYT-1 SYT-2 SYT-3

Model	Motor Power	Voltage	Max Pressure	Max Flow	Size(cm)	Weight (G.W)
SYT-1	1800W	220V/50Hz	80bar	7L/min	40*28*33	17KG
	2000W	220V/50Hz	90bar	8L/min	40*28*33	17KG
SYT-2	1800W	220V/50Hz	80bar	7L/min	42*30*36	17KG
	2000W	220V/50Hz	90bar	8L/min	42*30*36	17KG
SYT-3	1800W	220V/50Hz	80bar	7L/min	52*38.5*36	16KG
	2000W	220V/50HZ	90bar	8L/min	52*38.5*36	16KG

Electric Pressure Washer



SYS-2



SYS-3

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed	Size(cm)	Weight (G.W)
SYS-2 SYS-3	2500W	220V/50Hz	130bar	11L/min	2800r/min	73*38*50	38KG
	3000W	220V/50Hz	150bar	11L/min	2800r/min	73*38*50	38KG
	2500W	220V/50Hz	130bar	13L/min	1400r/min	73*38*50	40KG
	3000W	220V/50Hz	150bar	13L/min	1400r/min	73*38*50	40KG
SYS-3	1800W	220V/50Hz	80bar	10L/min	2800r/min	58*44*39	35KG
	2200W	220V/50Hz	100bar	10L/min	2800r/min	58*44*39	36KG

Electric Pressure Washer



SYS-4



SYS-4



SYS-5

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed	Size(cm)	Weight (G.W)
SYS-4 SYS-5	1800W	220V/50Hz	80bar	10L/min	2800r/min	58*44*39	35KG
	2200W	220V/50Hz	100bar	10L/min	2800r/min	58*44*39	36KG
	2500W	220V/50Hz	130bar	11L/min	2800r/min	73*38*50	38KG
	3000W	220V/50Hz	150bar	11L/min	2800r/min	73*38*50	38KG
	2500W	220V/50Hz	130bar	13L/min	1400r/min	73*38*50	40KG
	3000W	220V/50Hz	150bar	13L/min	1400r/min	73*38*50	40KG

Electric Pressure Washer



SYS-3



SYS-4



SYS-5

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed	Size(cm)	Weight (G.W)
SYS-3 SYS-4 SYS-5	3000W	380V	150bar	13L/min	1400r/min	73*38*50	40KG
	4000W	380V	200bar	15L/min	1400r/min	73*38*50	55KG
	5500W	380V	250bar	18L/min	1400r/min	86*43*43	83KG
	7500W	380V	300bar	18L/min	1400r/min	86*43*43	94KG

Electric Pressure Washer



SY-55 SY-58



SY-380

Model	Motor Power	Voltage	Max Pressure	Max Flow	Free Speed	Size(cm)	Weight (G.W)
SY-380	1800W	220V/50HZ	80bar	14L/min	2800r/min	59*31*34	22KG
SY-55	3000W	220V/50HZ	90bar	25L/min	1400r/min	80*43*46	48KG
SY-58	3000W	380V	90bar	25L/min	1400r/min	80*43*46	48KG

Gasoline Pressure Washer



SYQ-170



SYQ-190

Model	Power	Max Pressure	Max Flow	Free Speed	Size(cm)	Weight (G.W)
SYQ-170	7.5HP	180bar	16L/min	3600r/min	65*47*60	54KG
SYQ-190	15HP	320bar	20L/min	3600r/min	115*75*90	107KG

Gasoline Engine & Generator SERIES

Shenyuan Electro-Machinery Incorporated Corporation
www.chinashenyuan.com



Gasoline Engine

- Quick start, stable running, small vibration
- Saving feul, low noise
- Configure multiple output axes to meet various power requirements



Model	SY170F/P	SY188F/P (Built-In Clutch)	SY190F/P (Special Purpose For Construction Machinery)
Bore*Stroke(mm)	70*55	70*55	88*64
Displacement(mm)	212	212	389
Compression Ratio	8.5:1	8.5:1	8.0:1
Max Power(KW)	4.0/3600	4.0/3600	13HP/9.6kW
Max Torque(N.m/rpm)	12/2500	12/2500	26.5N.m
Fuel Capacity(L)	3.6	3.6	6.5
Starting System	Recoil Start/Electric Start	Recoil Start/Electric Start	Recoil Start/Electric Start
N.W/G.W(Kg)	15/16.5	15/16.5	31
Demension(L*W*H)(mm)	390*350*370	390*350*370	540*420*490

Electric Water Pump

- Water pump has excellent reliability with environmental protection independent innovation engine;
- Because of unique technology, the rack rust resistance of water pump improved significantly;
- Environmental design, low noise, low fuel-cost;
- Easy to carry outdoors, suitable for irrigation, high drainage efficiency.



Model	QGZ50	QGZ80	QGZ100
Engine Type	1.1kW	1.5kW	2.2kW
Bore*Stroke(mm)	54*46	54*46	54*46
Displacement(mm)	97.7	97.7	97.7
Compression Ratio	5.6:1	5.6:1	5.6:1
Max Power(KW)	1.2/3600	1.2/3600	1.2/3600
Max Torque(N.m/rpm)	3/2500	3/2500	3/2500
Starting System	Recoil Start/ Electric Start	Recoil Start/ Electric Start	Recoil Start/ Electric Start
Diameter Of Inlet(mm)	50(2 inch)	80(3 inch)	100(4 inch)
Diameter Of Outlet(mm)	50(2 inch)	80(3 inch)	100(4 inch)
Lift(m)	26	25	25
Suction(m)	5-7	5-7	5-7
N.W/G.W(Kg)	14/16	14/16	14/16
Demension(L*W*H)(mm)	355*305*370	420*305*400	420*305*400

Gasoline Engine Water Pump

- Water pump has excellent reliability with environmental protection independent innovation engine;
- Because of unique technology, the rack rust resistance of water pump improved significantly;
- Environmental design, low noise, low fuel-cost;
- Easy to carry outdoors, suitable for irrigation, high drainage efficiency.



Model	WP-20	WP-20(170)	WP-30	WP-40(170)	WP-40(188)
Engine Type	170F/P	170F/P	170F/P	170F/P	188F/P
Bore*Stroke(mm)	70*55	70*55	70*55	70*55	70*55
Displacement(mm)	212	212	212	212	212
Compression Ratio	8.5:1	8.5:1	8.5:1	8.5:1	8.5:1
Max Power(KW)	4.0/3600	4.0/3600	4.0/3600	4.0/3600	4.0/3600
Max Torque(N.m/rpm)	12/2500	12/2500	12/2500	12/2500	12/2500
Fuel Capacity(L)	3.6	3.6	3.6	4	6.5
Starting System	Recoil Start/Electric Start	Recoil Start/Electric Start	Recoil Start/Electric Start	Recoil Start/Electric Start	Recoil Start/Electric Start
Diameter Of Inlet(mm)	50(2 inch)	50(2 inch)	80(3 inch)	100(4 inch)	100(4 inch)
Diameter Of Outlet(mm)	50(2 inch)	50(2 inch)	80(3 inch)	100(4 inch)	100(4 inch)
Lift(m)	26	26	25	25	25
Suction(m)	5-7	5-7	5-7	5-7	5-7
N.W/G.W(Kg)	26/28	26/28	28/30	26/30	46/48
Demension(L*W*H)(mm)	530*440*465	530*440*465	530*440*465	530*440*465	640*490*520

Power Sprayer



Model	HT-ST01		
Power	170F-1		
Selection pump	3WZ-22/30		
Pressure(kg/cm ²)	15-35		
Style	Frame type		
Out put(L/min)	18-26		
Weight(kg)	34		
Volume(mm)	800*350*430		
Plunger pump	3W-26A	3WZ-30A-(1.3)	3WZ-30B-(1.3)
Plunger no.x Dia.	3pcs×22mm	3pcs×30mm	3pcs×30mm
Pressure(Kg/cm ²)	20-35	20-35	20-35
Output	18-26L/min	30-45L/min	30-45L/min
Power	2-3HP	2-4HP	2-4HP
Weight	10kg	11kg	11.5kg
Size(mm)	390×290×330	410×310×340	410×310×340

Gasoline Generator

- High quality motor, stable output voltage, strong load ability.
- Independent intellectual property rights, professional design, unique style, beautiful appearance, durable, easy to operate.



Model	KWS3000	KWS3600	KWS4000
Engine Type	170F/P	170F/P	170F/P
Bore*Stroke(mm)	70*55	70*55	70*55
Displacement(mm)	212	212	212
Compression Ratio	8.5:1	8.5:1	8.5:1
Max Power(KW)	2.2	2.8	3.2
Rated Power(kW)	2	2.5	2.8
The Rated Voltage(V)	230	230	230
Max Torque(N.m/rpm)	12/2500	12/2500	12/2500
Fuel Capacity(L)	15	15	15
Number Of Phase	Single Phase	Single Phase	Single Phase
Starting System	Recoil Start/ Electric Start	Recoil Start/ Electric Start	Recoil Start/ Electric Start
Continuous Working Time(h)	11	10	10
N.W/G.W(Kg)	39/44	40/45	41/46
Demension(L*W*H)(mm)	600*445*460	600*445*460	600*445*460

Gasoline Generator

- High quality motor, stable output voltage, strong load ability.
- Independent intellectual property rights, professional design, unique style, beautiful appearance, durable, easy to operate.



Model	KWS6500	KWS8500	KWS10000
Engine Type	190F/P	190F/P	192F/P
Bore*Stroke(mm)	90*66	90*66	92*66
Displacement(mm)	420	420	440
Compression Ratio	8.0:1	8.0:1	8.0:1
Max Power(KW)	5.5	7	8
Rated Power(kW)	5	6.5	7.5
The Rated Voltage(V)	230/440	230/440	230/440
Max Torque(N.m/rpm)	23/2500	23/2500	26/2500
Fuel Capacity(L)	25	25	25
Number Of Phase	Single Phase/Three Phases/Equal Power	Single Phase/Three Phases/Equal Power	Single Phase/Three Phases/Equal Power
Starting System	Recoil Start/ Electric Start	Recoil Start/ Electric Start	Recoil Start/ Electric Start
Continuous Working Time(h)	7	7	7
N.W/G.W(Kg)	73/80	74/81 76/83	88/94
Demension(L*W*H)(mm)	690*530*560	690*530*560	690*570*580

Gasoline Generator

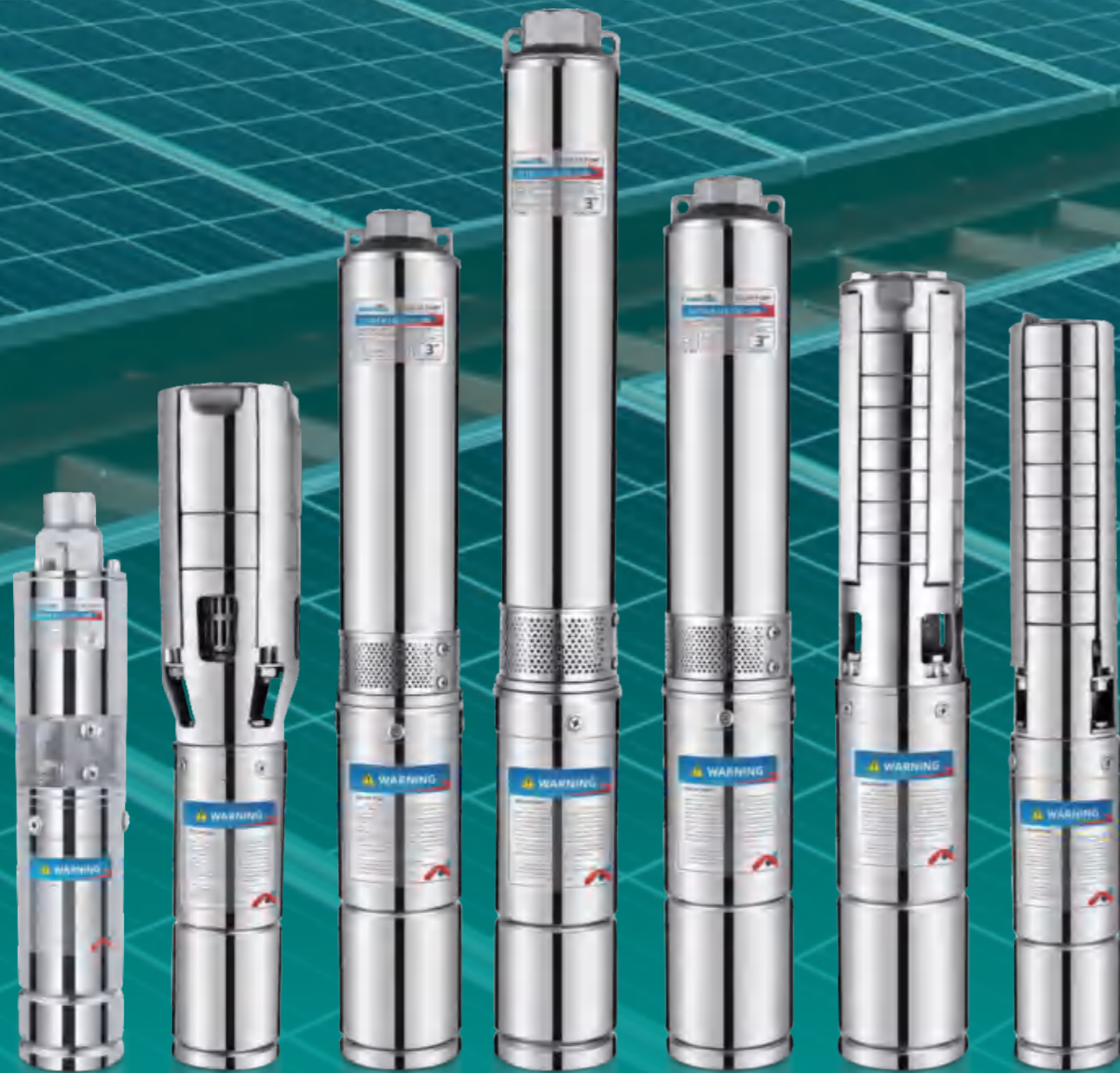
- High quality motor, stable output voltage, strong load ability.
- Independent intellectual property rights, professional design, unique style, beautiful appearance, durable, easy to operate.



Model	KWS1000	KWS1350
Engine Type	192F/P	2V78
Bore*Stroke(mm)	92*66	78*71
Displacement(mm)	440	678
Compression Ratio	8.0:1	8.5:1
Max Power(KW)	8	11.0
Rated Power(kW)	7.5	10.0
The Rated Voltage(V)	230/400	230/400
Max Torque(N.m/rpm)	26/2500	43.5/2500
Fuel Capacity(L)	25	25
Number Of Phase	Single/Three Phase	Single/Three Phase
Starting System	Electric star	Electric star
Continuous Working Time(h)	8	8
N.W/G.W(Kg)	88/94	150/170
Demension(L*W*H)(mm)	690*570*580	980*640*730

Solar Pump & Deep Well Pump SERIES

Shenyuan Electro-Machinery Incorporated Corporation
www.chinashenyuan.com



By Using Solar Energy The Submersible Pump Is Put Into The Well To Draw Water From The Deep Well, Which Can Be Used For Domestic Water Supply, Drinking Water, Agricultural Irrigation And Drinking Water For Cattle And Sheep.

Solar Pump

Controller Introduction



Applications: 120W-1500W

Low voltage & simple version

Exquisite style, easy installation, intelligent protection, efficient MPPT, only use photovoltaic power supply, voltage suitable for 30-110V electric pump.



Applications: 120W-1500W

Low voltage & digital display version

Novel style, easy to operate, easy to install, intelligent protection, efficient MPPT, with digital display screen, more convenient find fault, only photovoltaic power supply, voltage suitable for 30-110V electric pump.



Applications: 750W-2200W

AC/ DC Automatic Switching Type

The product has full voltage, high torque, high precision, efficient MPPT tracking and multiple protection functions. Its components have long service life and high reliability. Photovoltaic supply and single phase supply can be connected at the same time. When the photovoltaic supply is lower than its set input, it will automatically switch to Single phase power supply to realize all-weather uninterrupted use.



Applications: 750W-2200W

AC/ DC Mixed Energy Saving and Efficiency Type

It can realize whole day uninterrupted use, with automatic intelligent AC/ DC mixed compensation. It always takes photovoltaic supply as the main energy and AC power supply as the auxiliary supply, so as to maximize the utilization rate of photovoltaic energy and ensure the water pump runs in total power and full load, which has high economic value. Intelligent protection, never burn-in, efficient MPPT tracking, strong universality, external plug-in is easy to install, it's energy efficiency and environmental protection.

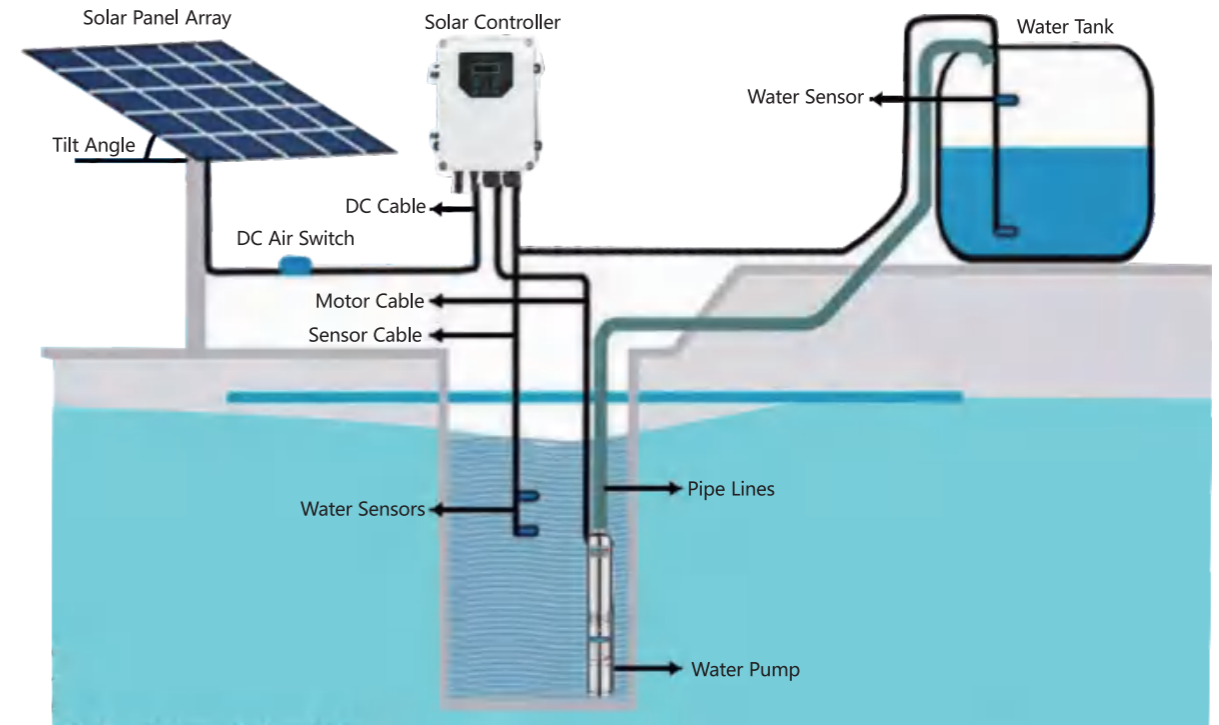
DC Solar Pump

Professional Solar Pump Manufacturer

By Using Solar Energy The Submersible Pump Is Put Into The Well To Draw Water From The Deep Well, Which Can Be Used For Domestic Water Supply, Drinking Water, Agricultural Irrigation And Drinking Water For Cattle And Sheep.

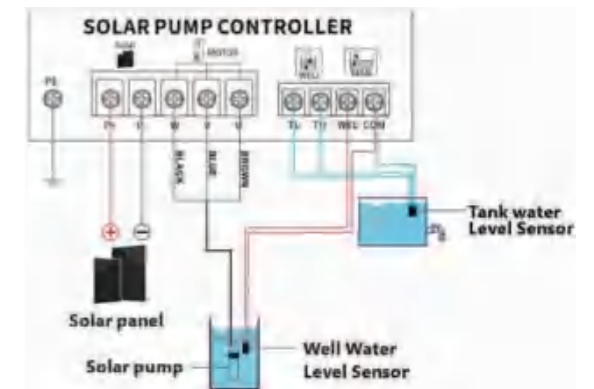


Green New Energy Environment Protection



ADVANTAGES OF DC SOLAR PUMP

1. Permanent magnet Dc brushless synchronous motor: The efficiency is improved by 25%, Save energy; Reduce the consumption of solarpanels
2. 304 S/S pump shaft
3. MPPT function, the solar power utilization rate is higher
4. Brass or stainless steel outlet/connector/oilcylinder
5. Japanese NSK bearing: prolong the working life
6. Double bearing motor base: can work under more axial pressure
7. Alloy mechanical seal: Longer working life and high reliability
8. Motor coil is made by automatic winding machine with centralized winding technology, motor efficiency is much improved
9. Intelligent water shortage protection: The pump stops working automatically when there is no water in the well, and auto start protection function for 10 minutes



DC CONTROLLER WORKING ENVIRONMENT AND ELECTRICALPROPERTY

Controller and Pump Matching Method					
Controller Model	Adaptable Pump	Max. Input Current (A)	Max. Open Circuit Voltage (V)	MPPT Voltage Range(V)	Working Temperature (°C)
SY-24	Rated 24V Pump	15	< 50	24-36	-15-60
SY-36	Rated 36V Pump	15	< 50	24-36	-15-60
SY-48	Rated 48V Pump	15	< 100	48-72	-15-60
SY-72	Rated 72V Pump	15	< 150	72-108	-15-60
SY-110	Rated 110V Pump	15	< 200	96-144	-15-60

3SYS

Screw Pump Brushless Dc Solar Energy Submersible Electric Pump For Well



High Lift



Mppt Function, The Solar Power Utilization Rate Is Higher



The Efficiency Is Improved By 25%



TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
3SYS1.2-56-24-120	24V	30-48V	120	1.2	56	0.75"	< 50V	36	250	1	
3SYS1.2-77-36-210	26V	30-48V	210	1.2	77	0.75"	< 50V	36	300	1	
3SYS1.7-109-48-500	48V	60-90V	500	1.7	109	0.75"	< 100V	36	330	2	
3SYS2.0-150-48-750	48V	60-90V	750	2.0	150	0.75"	< 100V	36	250	4	
3SYS2.0-150-72-750	72V	90-120V	750	2.0	150	0.75"	< 150V	36	330	3	
3SYS2.2-180-72-1100	72V	90-120V	1100	2.2	180	0.75"	< 150V	36	250	4	

3SYD

Plastic Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well



The Pump Is Compact And Easy To Use



Mppt Function, The Solar Power Utilization Rate Is Higher



The Efficiency Is Improved By 25%



TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
3SYD3-25-24-200	24V	30-48V	200	3.0	25	1.25"	< 50V	36	300	1	
3SYD3-35-24-300	24V	30-48V	300	3.0	35	1.25"	< 50V	36	250	2	
3SYD3.5-47-48-400	48V	60-90V	400	3.5	47	1.25"	< 100V	36	300	2	
3SYD3.5-80-48-600	48V	60-90V	600	3.5	80	1.25"	< 100V	36	250	4	
3SYD3.5-95-48-750	48V	60-90V	750	3.5	95	1.25"	< 100V	36	250	4	
3SYD3.5-80-72-600	72V	90-120V	600	3.5	80	1.25"	< 150V	36	300	3	
3SYD3.5-95-72-750	72V	90-120V	750	3.5	95	1.25"	< 150V	36	330	3	
3SYD3.8-123-72-1100	72V	90-120V	1100	3.8	123	1.25"	< 150V	36	250	6	
3SYD3.8-123-110-1100	110V	110-150V	1100	3.8	123	1.25"	< 200V	36	360	4	
3SYD3.8-155-110-1300	110V	110-150V	1300	3.8	155	1.25"	< 200V	36	300	6	
3SYD3.8-180-110-1500	110V	110-150V	1500	3.8	180	1.25"	< 200V	36	300	8	

3SYD

Plastic Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well



The Pump Is Compact And Easy To Use



Mppt Funct Ion, The Solar Power Utilization Rate Is Higher



The Efficiency Is Improved By 25%



3SYP

Stainless Steel Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well



The Pump Body And Impeller Are All 304 Stainless Steel



Mppt Funct Ion, The Solar Power Utilization Rate Is Higher



The Efficiency Is Improved By 25%



TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
3SYD5-45-48-500	48V	60-90V	500	5	45	1.5"	< 100V	36	330	2	
3SYD5.2-50-48-600	48V	60-90V	600	5.2	50	1.5"	< 100V	36	250	4	
3SYD5.2-50-72-600	72V	90-120V	600	5.2	50	1.5"	< 150V	36	300	3	
3SYD5.2-65-72-750	72V	90-120V	750	5.2	65	1.5"	< 150V	36	330	3	
3SYD5.2-75-110-750	110V	110-150V	750	5.5	65	1.5"	< 200V	36	250	4	
3SYD5.2-75-110-750	110V	110-150V	750	5.5	75	1.5"	< 200V	36	250	4	
3SYD6-84-110-1100	110V	110-150V	1100	6	84	1.5"	< 200V	36	360	4	
3SYD6-125-110-1500	110V	110-150V	1500	6	125	1.5"	< 200V	36	300	8	
3SYD7-46-72-750	72V	90-120V	750	7	46	1.5"	< 150V	36	330	3	
3SYD7-46-110-750	110V	110-150V	750	7	46	1.5"	< 200V	36	250	4	
3SYD7.5-62-110-1100	110V	110-150V	1100	7.5	62	1.5"	< 200V	36	360	4	
3SYD7.5-78-110-1500	110V	110-150	1500	7.5	78	1.5"	< 200V	36	300	8	

TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
3SYP4-35-24-300	24V	30-48V	300	4	35	1.25"	< 50V	36	250	2	
3SYP4-50-48-400	48V	60-90V	400	4	50	1.25"	< 100V	36	300	2	
3SYP4-80-48-600	48V	60-90V	600	4	80	1.25"	< 100V	36	250	4	
3SYP4.8-95-72-750	72V	90-120V	750	4.8	95	1.25"	< 150V	36	330	3	
3SYP4.8-112-72-1100	72V	90-120V	1100	4.8	112	1.25"	< 150V	36	250	6	
3SYP4.8-112-110-1100	110V	110-150V	1100	4.8	112	1.25"	< 200V	36	360	4	
3SYP4.8-135-110-1500	110V	110-150V	1500	4.8	135	1.25"	< 200V	36	300	8	

4SYD

Plastic Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well



High Lift



Mppt Function, The Solar Power Utilization Rate Is Higher



The Efficiency Is Improved By 25%



TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYD6-42-48-600	48V	60-90V	600	6.0	42	1.25"	< 100V	36	250	4	
4SYD6-56-48-750	48V	60-90V	750	6.0	42	1.25"	< 100V	36	250	4	
4SYD6-42-72-600	72V	90-120V	600	6.0	56	1.25"	< 150V	36	300	3	
4SYD6-56-72-750	72V	90-120V	750	6.0	56	1.25"	< 150V	36	330	3	
4SYD6-84-72-1100	72V	90-120V	1100	6.0	84	1.25"	< 150V	36	250	6	
4SYD6-84-110-1100	110V	110-150V	1100	6.0	84	1.25"	< 200V	36	360	4	
4SYD6-112-110-1300	110V	110-150V	1300	6.0	112	1.25"	< 200V	36	300	6	
4SYD6-135-110-1500	110V	110-150V	1500	6.0	135	1.25"	< 200V	36	300	8	

4SYD

Plastic Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well



High Lift



Mppt Function, The Solar Power Utilization Rate Is Higher



The Efficiency Is Improved By 25%



TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYD9-45-110-750	110V	110-150V	750	9	45	2"	< 200V	36	250	4	
4SYD9-58-110-1100	110V	110-150V	1100	9	58	2"	< 200V	36	360	4	
4SYD9-71-110-1300	110V	110-150V	1300	9	71	2"	< 200V	36	300	6	
4SYD9-85-110-1500	110V	110-150V	1500	9	85	2"	< 200V	36	300	8	
4SYD13-36-110-750	110V	110-150V	750	13	36	2"	< 200V	36	250	4	
4SYD13-49-110-1100	110V	110-150V	1100	13	49	2"	< 200V	36	360	4	
4SYD13-54-110-1300	110V	110-150V	1300	13	54	2"	< 200V	36	300	6	
4SYD13-60-110-1500	110V	110-150V	1500	13	60	2"	< 200V	36	300	8	
4SYD17-48-110-1500	110V	110-150V	1500	17	48	2"	< 200V	36	300	8	

4SYP

Stainless Steel Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well

304

The Pump Body And Impeller Are All 304 Stainless Steel

MPPT

Mppt Function, The Solar Power Utilization Rate Is Higher

+25%

The Efficiency Is Improved By 25%



TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYP5.2-45-48-500	48V	60-90V	500	5.2	45	1.25"	< 100V	36	330	2	
4SYP5.2-67-48-750	48V	60-90V	750	5.2	67	1.25"	< 100V	36	250	4	
4SYP5.2-67-72-750	72V	90-120V	750	5.2	67	1.25"	< 150V	36	330	3	
4SYP5.2-101-72-1100	72V	90-120V	1100	5.2	101	1.25"	< 150V	36	250	6	
4SYP5.2-101-110-1100	110V	110-150V	1100	5.2	101	1.25"	< 200V	36	360	4	
4SYP5.2-146-110-1300	110V	110-150V	1300	5.2	146	1.25"	< 200V	36	300	6	
4SYP4.8-203-110-1500	110V	110-150V	1500	4.8	203	1.25"	< 200V	36	300	8	
4SYP7.5-80-110-1300	110V	110-150V	1300	7.5	80	1.25"	< 200V	36	300	6	
4SYP7.5-100-110-1500	110V	110-150V	1500	7.5	100	1.25"	< 200V	36	300	8	

4SYP

Stainless Steel Impeller Brushless Dc Solar Energy Submersible Electric Pump For Well

304

The Pump Body And Impeller Are All 304 Stainless Steel

MPPT

Mppt Function, The Solar Power Utilization Rate Is Higher

+25%

The Efficiency Is Improved By 25%



TECHNICAL DATA

Model	Pump Voltage	Best input Voltage	Power	Max. Flow	Max. Head	Outlet	Open circuit Voltage	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(DC)	(DC)	(W)	(m³/h)	(m)	(in)	(VOC)	Voltage (V)	Power (W)	Quantity (pcs)	Connection
4SYP11-60-110-1500	110V	110-150V	1500	11	60	2"	< 200V	36	300	8	
4SYP19-35-110-1500	110V	110-150V	1500	19	35	2"	< 200V	36	300	8	
4SYP25-26-110-1500	110V	110-150V	1500	25	26	2"	< 200V	36	300	8	
4SYP30-19-72-1100	72V	90-120V	1500	30	19	3"	< 200V	36	250	6	
4SYP36-22-110-1500	110V	110-150V	1500	36	22	3"	< 200V	36	300	8	

AC/DC

Mixed Compensation



Single Solar Energy Mode:

The controller can be used for single solar energy mode. The maximum current is 12A, and the maximum power can be traced by MPPT algorithm. The running rotate speed of the water pump is decided by the power of the solar panel, the highest rotate speed of the water pump, the maximum power and the temperature of the controller. The water pump will keep the present rotate speed or reduce the rotate speed when any of these conditions is met.



Single AC Mode:

The controller can be used for single AC mode, and the maximum AC input is 13A (different because of various models). The running rotate speed of the water pump is decided by AC input current, the highest rotate speed of the water pump, the maximum power and the temperature of the controller. The water pump will keep the present rotate speed or reduce the rotate speed when any of these conditions is met.



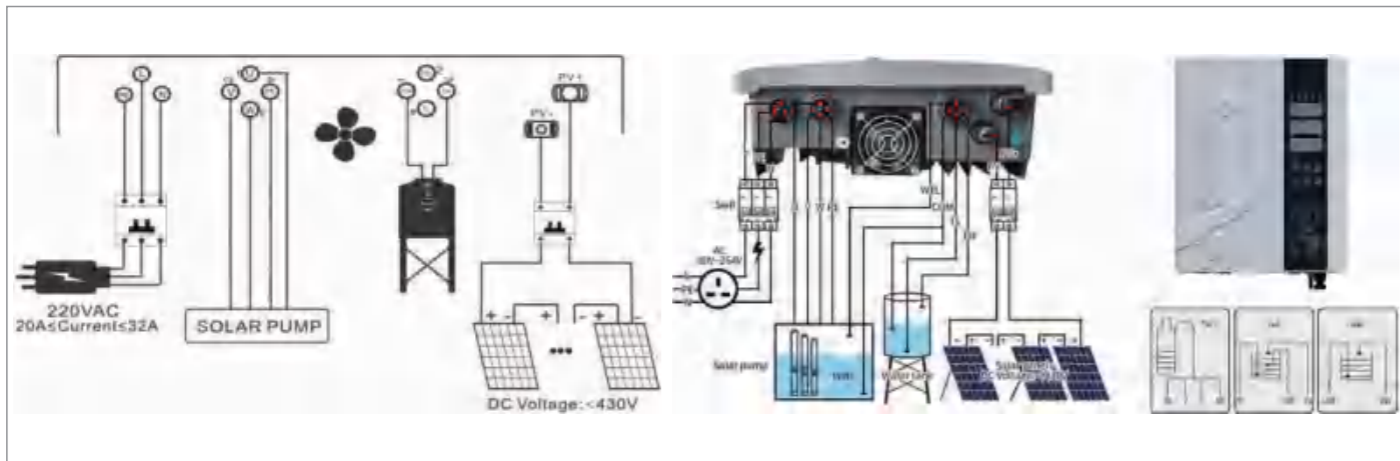
Full-power AC and DC Mixed Compensation Mode:

The maximum DC current is 12 A in the full-power AC and DC compensation mode. The DC current is precedential and can be input in all day. The minimum power of the solar panel can be 1 W. When the power of the solar energy is insufficient, the power will be compensated in the AC side to ensure that the power of the water pump can run normally, to meet the full-power of the water pump. The running rotate speed of the water pump is still decided by AC input current, the highest rotate speed of the water pump, the maximum power and the temperature of the controller in this mode. The water pump will keep the present rotate speed or reduce the rotate speed when any of these conditions is met.



User-defined AC Power Running Mode:

The user-defined AC power running mode is a programmable mixed compensation mode. The user can access to the setting mode to set the maximum output of AC power, to achieve the goal of saving AC current. The user can press the "Switch" key for a long time to start the mode, and the indicator Ac-Lim will be on.



AC/DC HYBRID COMPLEMENTARITY CONTROLLER WORKING ENVIRONMENT AND ELECTRICALPROPERTY

Controller and Pump Matching Method

Controller Model	Adaptable Pump	DC Max. Input Current (A)	AC Max. Input Current (A)	DC Input Voltage (V)	AC Input Voltage (V)	Working Temperature (°C)
SY-AC220V/DC110V	Rated AC220V/DC110V Pump	12	15	80-410	150-264	-15-60
SY-AC220V/DC150V	Rated AC220V/DC150V Pump	12	15	80-410	150-264	-15-60
SY-AC220V/DC200V	Rated AC220V/DC200V Pump	12	15	80-410	150-264	-15-60
SY-AC220V/DC300V	Rated AC220V/DC300V Pump	12	15	80-410	150-264	-15-60

AC/DC

Automatic switching



Single AC Power Supply (AC only):

After power on, the relay is closed and the controller operates with AC power. After the power supply is stopped, the relay is disconnected and the controller stops working.



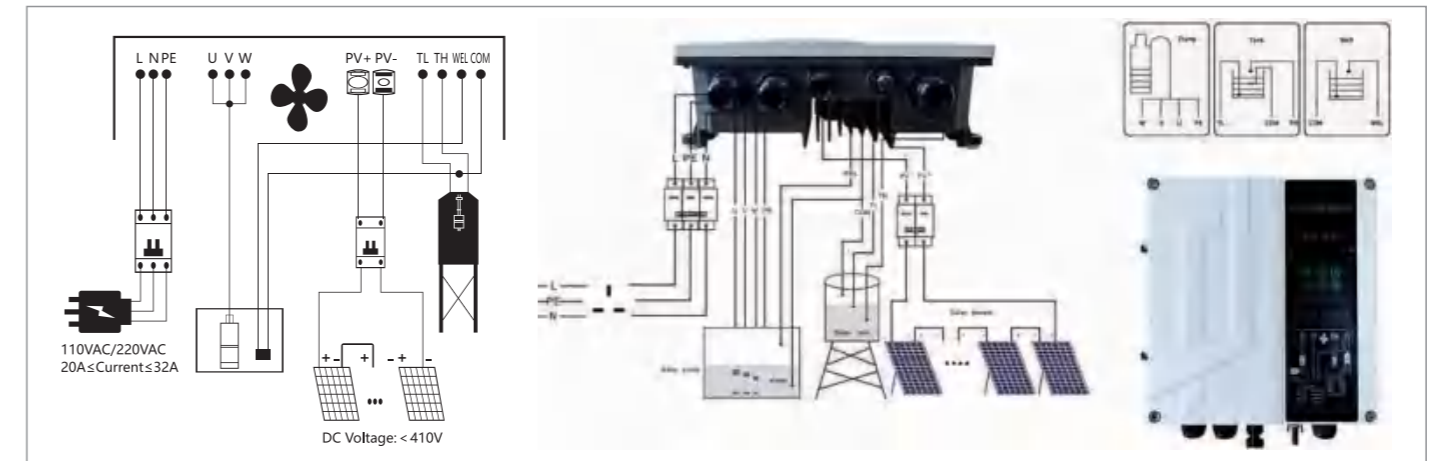
Single DC Power Supply (DC only):

a) Sufficient DC power
After power on, the relay is closed and the controller operates with DC power. After the power supply is stopped, the relay is disconnected and the controller stops working.
b) Insufficient DC power
After the power on relay is pulled in, the DC power is insufficient, and the relay will be disconnected immediately. After a certain time delay, the relay will be pulled in again, and the process will be repeated.



Simultaneous AC and DC Power Supply (DC Power Is Preferred):

a) Power on process
① AC power first and then DC power: after AC power is supplied, the controller operates with AC power; When DC power is applied again, the controller will switch to DC power immediately after detecting DC power.
② Apply DC power before AC power: after DC power is applied, the controller operates with DC power; When AC power is supplied again, the controller will continue to operate with DC power.
b) Operation process
The controller works in the DC power supply state. If the current DC power is lower than the minimum DC power value (500w by default) and lasts for 3 minutes, the controller switches to AC operation. After using AC power for a period of time (the default factory setting is 10 minutes), it will switch to DC again and repeat this process.



AC/DC AUTOMATIC SWITCHING CONTROLLER WORKING ENVIRONMENT AND ELECTRICALPROPERTY

Controller and Pump Matching Method

Controller Model	Adaptable Pump	DC Max. Input Current (A)	AC Max. Input Current (A)	DC Input Voltage (V)	AC Input Voltage (V)	Working Temperature (°C)
SY-AC220V/DC110V	Rated AC220V/DC110V Pump	12	20	108-410	100-264	-15-60
SY-AC220V/DC150V	Rated AC220V/DC150V Pump	12	20	108-410	100-264	-15-60
SY-AC220V/DC200V	Rated AC220V/DC200V Pump	12	20	108-410	100-264	-15-60
SY-AC220V/DC300V	Rated AC220V/DC300V Pump	12	20	108-410	100-264	-15-60

3SYD-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump

AC/DC

AC and DC Dual Use

MPPT

Mppt Function, The Solar Power Utilization Rate Is Higher

+25%

The Efficiency Is Improved By 25%



TECHNICAL DATA

Model	Voltage		Power (W)	Max. Flow (m³/h)	Max. Head (m)	Outlet (in)	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(AC)	(DC)					Voltage (V)	Power (W)	Quantity (pcs)	Connection
SHENYUAN 3YSD3.5-95-110-A/D	85V-280V	80V-420V	750	3.5	95	1.25"	36	340	3	
3YSD3.5-123-150-1100-A/D	85V-280V	80V-420V	1100	3.5	123	1.25"	36	340	4	
3YSD3.5-155-150-1300-A/D	85V-280V	80V-420V	1300	3.5	155	1.25"	36	340	5	
3YSD3.5-180-200-1500-A/D	85V-280V	80V-420V	1500	3.5	180	1.25"	36	340	6	
3YSD5.2-75-110-750-A/D	85V-280V	80V-420V	750	5.2	75	1.5"	36	340	3	
3YSD5.5-65-110-750-A/D	85V-280V	80V-420V	750	5.5	65	1.5"	36	340	3	
3YSD6-84-150-1100-A/D	85V-280V	80V-420V	1100	6	84	1.5"	36	340	4	
3YSD6-125-200-1500-A/D	85V-280V	80V-420V	1500	6	125	1.5"	36	340	6	
3YSD7-46-110-750-A/D	85V-280V	80V-420V	750	7	46	1.5"	36	340	3	
3YSD7.5-62-150-1100-A/D	85V-280V	80V-420V	1100	7.5	62	1.5"	36	340	4	
3YSD7.5-78-200-1500-A/D	85V-280V	80V-420V	1500	7.5	78	1.5"	36	340	6	

3SYP-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump

AC/DC

AC and DC Dual Use

MPPT

Mppt Function, The Solar Power Utilization Rate Is Higher

+25%

The Efficiency Is Improved By 25%



TECHNICAL DATA

Model	Voltage		Power (W)	Max. Flow (m³/h)	Max. Head (m)	Outlet (in)	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(AC)	(DC)					Voltage (V)	Power (W)	Quantity (pcs)	Connection
SHENYUAN 3SYP4.8-95-110-750-A/D	85V-280V	80V-420V	750	4.8	95	1.25"	36	340	3	
3SYP4.8-110-150-1100-A/D	85V-280V	80V-420V	1100	4.8	110	1.25"	36	340	4	
3SYP4.8-130-200-1500-A/D	85V-280V	80V-420V	1300	4.8	130	1.25"	36	340	6	

4SYD-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump



AC and DC Dual Use



Mppt Function, The Solar Power Utilization Rate Is Higher



The Efficiency Is Improved By 25%



AC/DC Auto switching Controller



AC/DC Hybrid complementarity controller

TECHNICAL DATA

Model	Voltage		Power (W)	Max. Flow (m³/h)	Max. Head (m)	Outlet (in)	Solar Panels Suggestion (≥1.3*PUMP POWER)				
	(AC)	(DC)					Voltage (V)	Power (W)	Quantity (pcs)	Connection	
4SYD6-56-110-750-A/D	85V-280V	80V-420V	750	6	56	1.25"	36	340	3		
4SYD6-85-150-1100-A/D	85V-280V	80V-420V	1100	6	85	1.25"	36	340	4		
4SYD6-112-150-1300-A/D	85V-280V	80V-420V	1300	6	112	1.25"	36	340	5		
4SYD6-135-200-1500-A/D	85V-280V	80V-420V	1500	6	135	1.25"	36	340	6		
4SYD9-45-110-750-A/D	85V-280V	80V-420V	750	9	45	2"	36	340	3		
4SYD9-58-150-1100-A/D	85V-280V	80V-420V	1100	9	58	2"	36	340	4		
4SYD9-71-150-1300-A/D	85V-280V	80V-420V	1300	9	71	2"	36	340	5		
4SYD9-85-200-1500-A/D	85V-280V	80V-420V	1500	9	85	2"	36	340	6		

4SYD-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump



AC and DC Dual Use



Mppt Function, The Solar Power Utilization Rate Is Higher



The Efficiency Is Improved By 25%



AC/DC Auto switching Controller



AC/DC Hybrid complementarity controller

TECHNICAL DATA

Model	Voltage		Power (W)	Max. Flow (m³/h)	Max. Head (m)	Outlet (in)	Solar Panels Suggestion (≥1.3*PUMP POWER)				
	(AC)	(DC)					Voltage (V)	Power (W)	Quantity (pcs)	Connection	
4SYD13-36-110-750-A/D	85V-280V	80V-420V	750	13	36	2"	36	340	3		
4SYD13-49-150-1100-A/D	85V-280V	80V-420V	1100	13	49	2"	36	340	4		
4SYD13-54-150-1300-A/D	85V-280V	80V-420V	1300	13	54	2"	36	340	5		
4SYD13-60-200-1500-A/D	85V-280V	80V-420V	1500	13	60	2"	36	340	6		
4SYD17-48-200-1500-A/D	85V-280V	80V-420V	750	17	48	2"	36	340	6		
4SYD6-175-300-2200-A/D	85V-280V	80V-420V	2200	6	175	1.25"	36	340	8		
4SYD9.5-125-300-2200-A/D	85V-280V	80V-420V	2200	9.5	125	2"	36	340	8		
4SYD13-110-300-2200-A/D	85V-280V	80V-420V	2200	13	110	2"	36	340	8		

4SYP-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump

AC/DC

AC and DC Dual Use

304

The Pump Body And Impeller Are All 304 Stainless Steel

+25%

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MPPT

Mppt Function, The Solar Power Utilization Rate Is Higher



TECHNICAL DATA

Model	Voltage		Power (W)	Max. Flow (m³/h)	Max. Head (m)	Outlet (in)	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(AC)	(DC)					Voltage (V)	Power (W)	Quantity (pcs)	Connection
SHENYUAN 4SYP5.2-67-110-750-A/D	85V-280V	80V-420V	750	5.2	67	1.25"	36	340	3	
4SYP4.8-203-200-1500-A/D	85V-280V	80V-420V	1500	4.8	203	1.25"	36	340	6	
4SYP5.2-101-150-1100-A/D	85V-280V	80V-420V	1100	5.2	101	1.25"	36	340	4	
4SYP5.2-146-200-1300-A/D	85V-280V	80V-420V	1300	5.2	146	1.25"	36	340	5	
4SYP7.5-80-150-1300-A/D	85V-280V	80V-420V	1500	7.5	80	1.25"	36	340	5	
4SYP7.5-100-200-1500-A/D	85V-280V	80V-420V	1500	7.5	100	1.25"	36	340	6	
4SYP11-60-200-1500-A/D	85V-280V	80V-420V	1500	11	60	2"	36	340	6	
4SYP19-35-200-1500-A/D	85V-280V	80V-420V	1500	19	35	2"	36	340	6	
4SYP25-26-200-1500-A/D	85V-280V	80V-420V	1500	25	26	2"	36	340	6	
4SYP30-19-150-1100-A/D	85V-280V	80V-420V	1100	30	19	3"	36	340	4	
4SYP36-22-200-1500-A/D	85V-280V	80V-420V	1500	36	22	3"	36	340	6	

4SYP-A/D

Plastic Impeller AC/ DC Solar Well Submersible Pump

AC/DC

AC and DC Dual Use

304

The Pump Body And Impeller Are All 304 Stainless Steel

+25%

The Efficiency Is Improved By 25%

MPPT

Mppt Function, The Solar Power Utilization Rate Is Higher

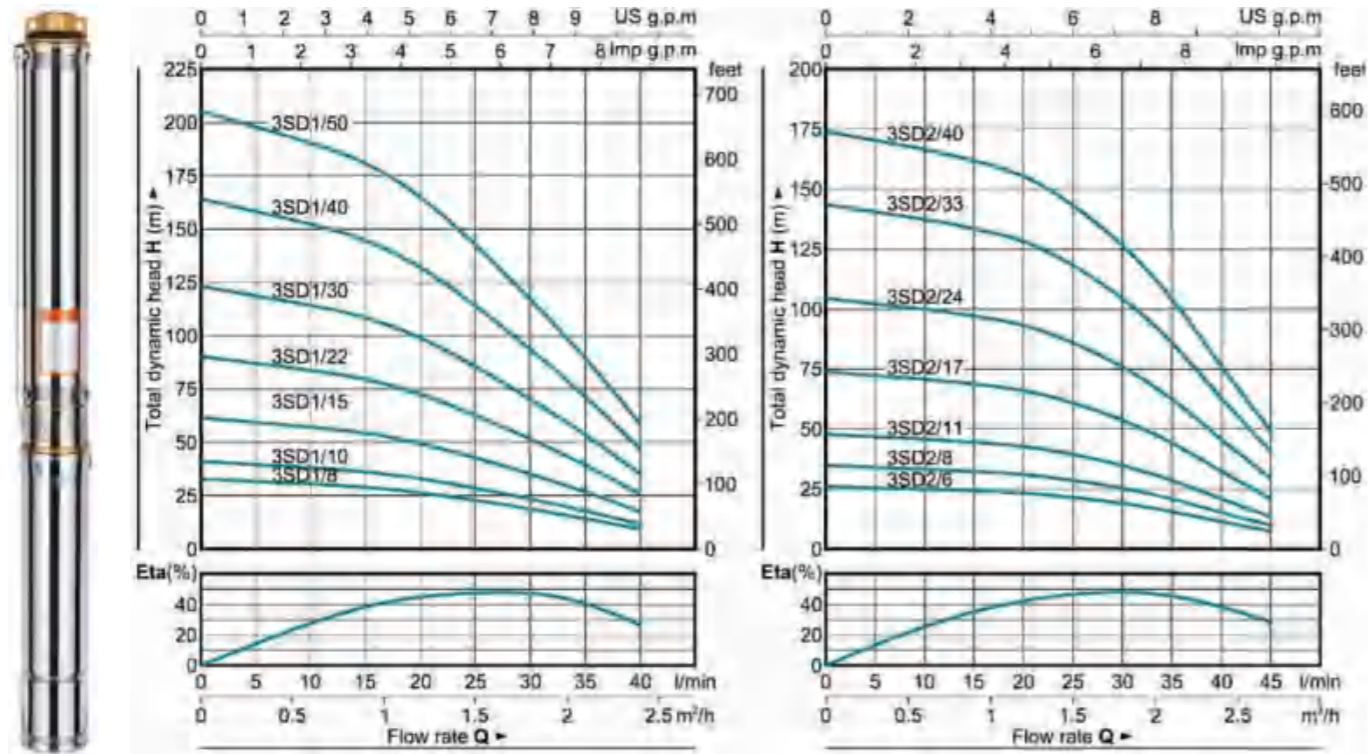


TECHNICAL DATA

Model	Voltage		Power (W)	Max. Flow (m³/h)	Max. Head (m)	Outlet (in)	Solar Panels Suggestion (≥1.3*PUMP POWER)			
	(AC)	(DC)					Voltage (V)	Power (W)	Quantity (pcs)	Connection
SHENYUAN 4SYP5.2-255-300-2200-A/D	85V-280V	80V-420V	2200	5.2	255	1.25"	36	340	8	
4SYP7.5-150-300-2200-A/D	85V-280V	80V-420V	2200	7.5	150	1.25"	36	340	8	
4SYP11-120-300-2200-A/D	85V-280V	80V-420V	2200	11	120	2"	36	340	8	
4SYP19-60-300-2200-A/D	85V-280V	80V-420V	2200	19	60	2"	36	340	8	
4SYP30-36-300-2200-A/D	85V-280V	80V-420V	2200	30	36	2"	36	340	8	
4SYP36-38-300-2200-A/D	85V-280V	80V-420V	2200	36	38	2"	36	340	8	

3SD & 3.5SD SERIES (3SD1 & 3SD2)

3"



PERFORMANCE DATA 50HZ

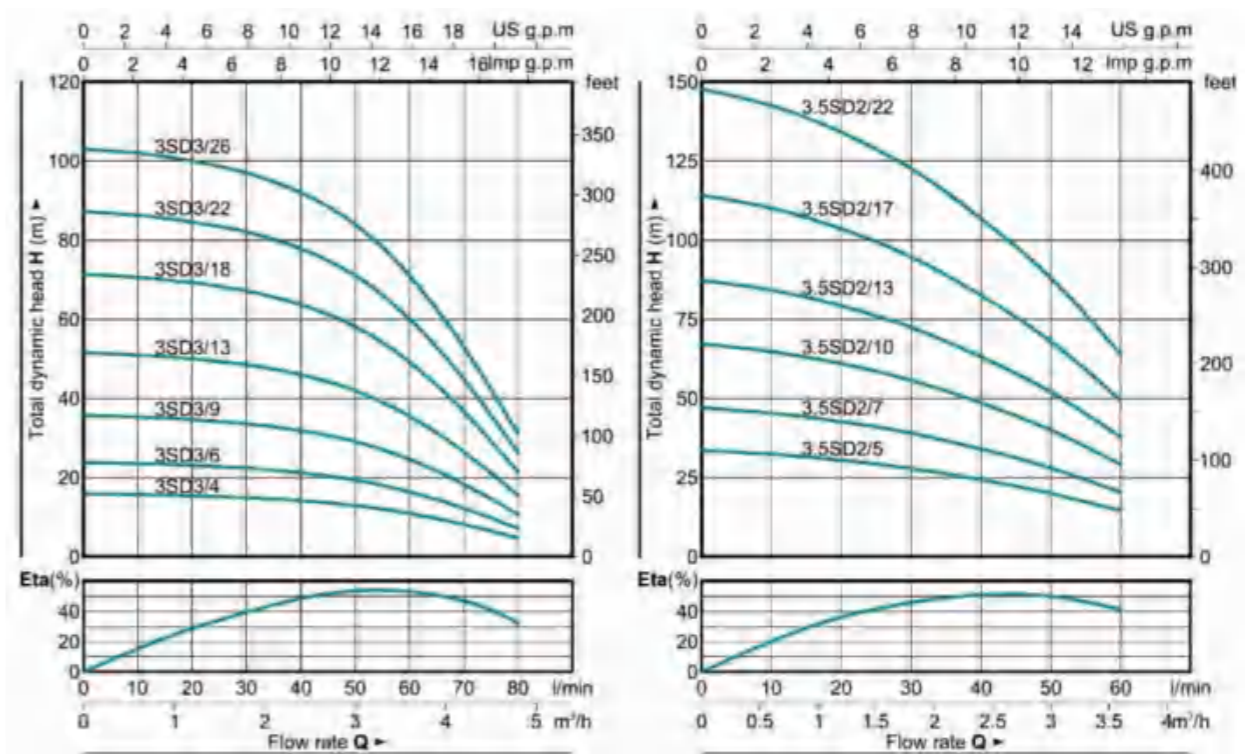
Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4
					l/min	0	5	10	15	20	25	30	35	40
3SDM1/8	3SD1/8	0.18	0.25	H(m)	33	32	30	29	26	23	19	14	9	
3SDM1/10	3SD1/10	0.25	0.33		41	40	38	36	33	29	23	18	12	
3SDM1/15	3SD1/15	0.37	0.5		62	59	57	54	49	43	35	27	18	
3SDM1/22	3SD1/22	0.55	0.75		90	87	84	80	73	63	51	39	26	
3SDM1/30	3SD1/30	0.75	1		123	119	114	109	99	86	70	54	35	
3SDM1/40	3SD1/40	1.1	1.5		164	158	152	145	132	114	94	71	47	
3SDM1/50	3SD1/50	1.5	2		205	198	190	181	165	143	117	89	59	

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
					l/min	0	5	10	15	20	25	30	35	40	45
3SDM2/6	3SD2/6	0.18	0.25	H(m)	26	26	25	24	23	21	19	16	11	7	
3SDM2/8	3SD2/8	0.25	0.33		35	34	33	32	31	29	25	21	15	10	
3SDM2/11	3SD2/11	0.37	0.5		48	47	46	45	43	39	35	29	21	14	
3SDM2/17	3SD2/17	0.55	0.75		74	72	71	69	66	61	54	44	32	21	
3SDM2/24	3SD2/24	0.75	1		104	102	100	97	93	86	76	63	46	30	
3SDM2/33	3SD2/33	1.1	1.5		144	140	137	134	128	118	104	86	63	41	
3SDM2/40	3SD2/40	1.5	2		174	170	167	162	155	143	127	104	76	49	

3SD3 & 3.5SD2

3.5"



PERFORMANCE DATA 50HZ

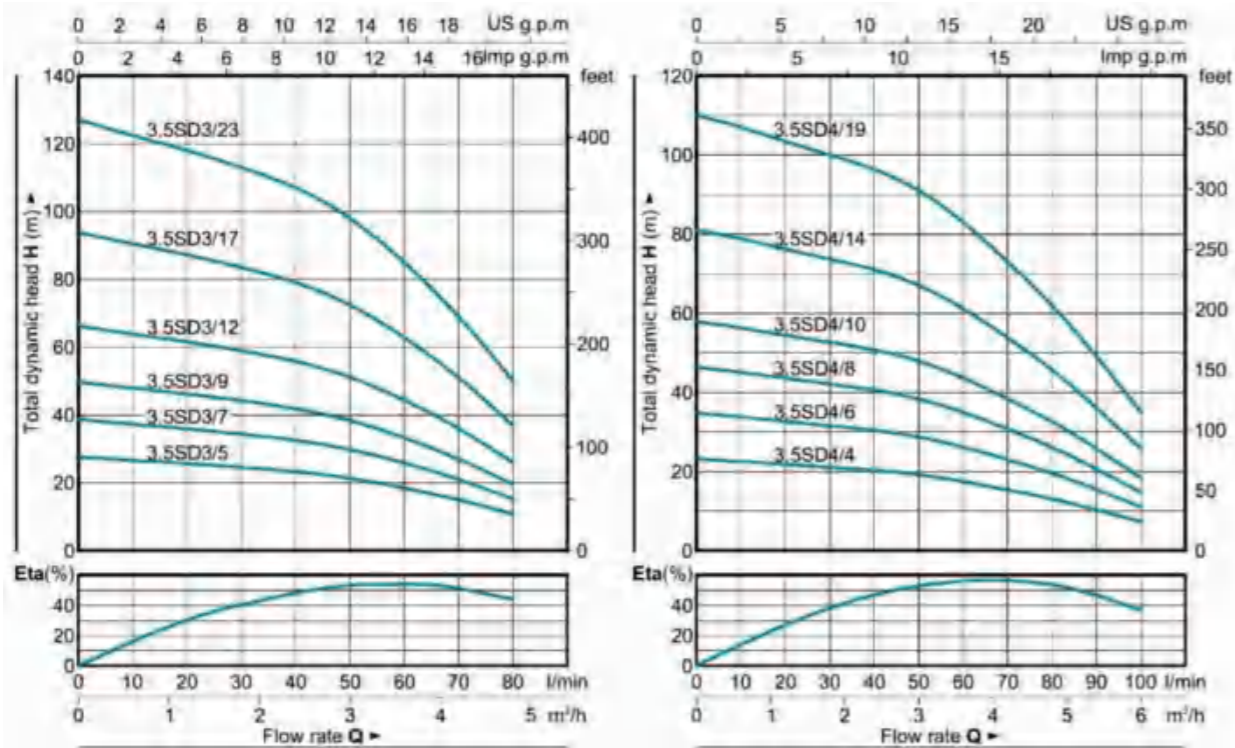
Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
					l/min	0	10	20	30	40	50	60	70	80
3SDM3/4	3SD3/4	0.18	0.25	H(m)	16	16	15	15	14	13	11	8	5	
3SDM3/6	3SD3/6	0.25	0.33		24	24	23	22	21	19	16	12	7	
3SDM3/9	3SD3/9	0.37	0.5		36	35	35	34	32	29	25	18	11	
3SDM3/13	3SD3/13	0.55	0.75		52	51	50	49	46	42	36	27	16	
3SDM3/18	3SD3/18	0.75	1		71	71	69	67	64	58	49	37	21	
3SDM3/22	3SD3/22	1.1	1.5		87	86	85	82	78	71	60	45	26	
3SDM3/26	3SD3/26	1.5	2		103	102	100	97	92	84	71	53	31	

MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6
					l/min	0	10	20	30	40	50	60
3.5SDM2/5	3.5SD2/5	0.25	0.33	H(m)	34	32	30	28	24	20	15	
3.5SDM2/7	3.5SD2/7	0.37	0.5		47	45	43	39	34	28	20	
3.5SDM2/10	3.5SD2/10	0.55	0.75		67	65	61	56	49	40	29	
3.5SDM2/13	3.5SD2/13	0.75	1		87	84	79	72	63	52	38	
3.5SDM2/17	3.5SD2/17	1.1	1.5		114	110	104	95	83	68	49	
3.5SDM2/22	3.5SD2/22	1.5	2		148	142	134	123	107	88	64	

3.5SD3 & 3.5SD4

3.5"



PERFORMANCE DATA 50HZ

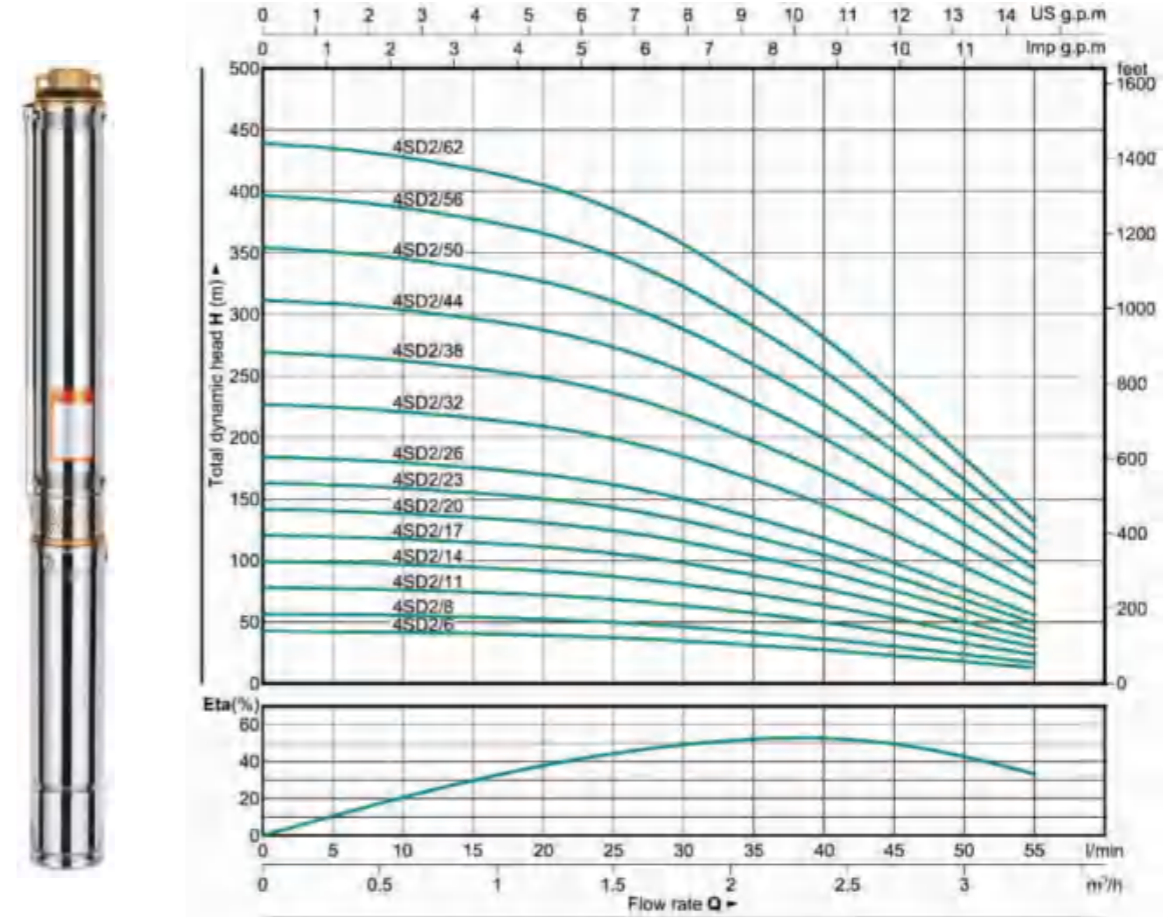
Outlet:G1"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
					I/min	0	10	20	30	40	50	60	70	80
3.5SDM3/5	3.5SD3/5	0.25	0.33	H(m)	28	27	26	25	23	21	18	15	11	
3.5SDM3/7	3.5SD3/7	0.37	0.5		39	37	36	34	33	30	26	21	15	
3.5SDM3/9	3.5SD3/9	0.55	0.75		50	48	46	44	42	38	33	27	20	
3.5SDM3/12	3.5SD3/12	0.75	1		72	69	67	64	60	55	48	39	28	
3.5SDM3/17	3.5SD3/17	1.1	1.5		94	90	87	84	79	72	63	51	37	
3.5SDM3/23	3.5SD3/23	1.5	2		127	122	118	113	107	98	85	69	50	

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
					I/min	0	10	20	30	40	50	60	70	80	90	100
3.5SDM4/4	3.5SD4/4	0.25	0.33	H(m)	23	23	22	21	20	19	17	15	13	10	7	
3.5SDM4/6	3.5SD4/6	0.37	0.5		35	34	33	32	30	29	26	23	20	15	11	
3.5SDM4/8	3.5SD4/8	0.55	0.75		46	45	44	42	41	38	35	31	26	21	15	
3.5SDM4/10	3.5SD4/10	0.75	1		58	56	54	53	51	48	44	38	33	26	18	
3.5SDM4/14	3.5SD4/14	1.1	1.5		81	79	76	74	71	67	61	54	46	36	26	
3.5SDM4/19	3.5SD4/19	1.5	2		110	107	103	100	96	91	83	73	62	49	35	

4SD SERIES (4SD2)

4"

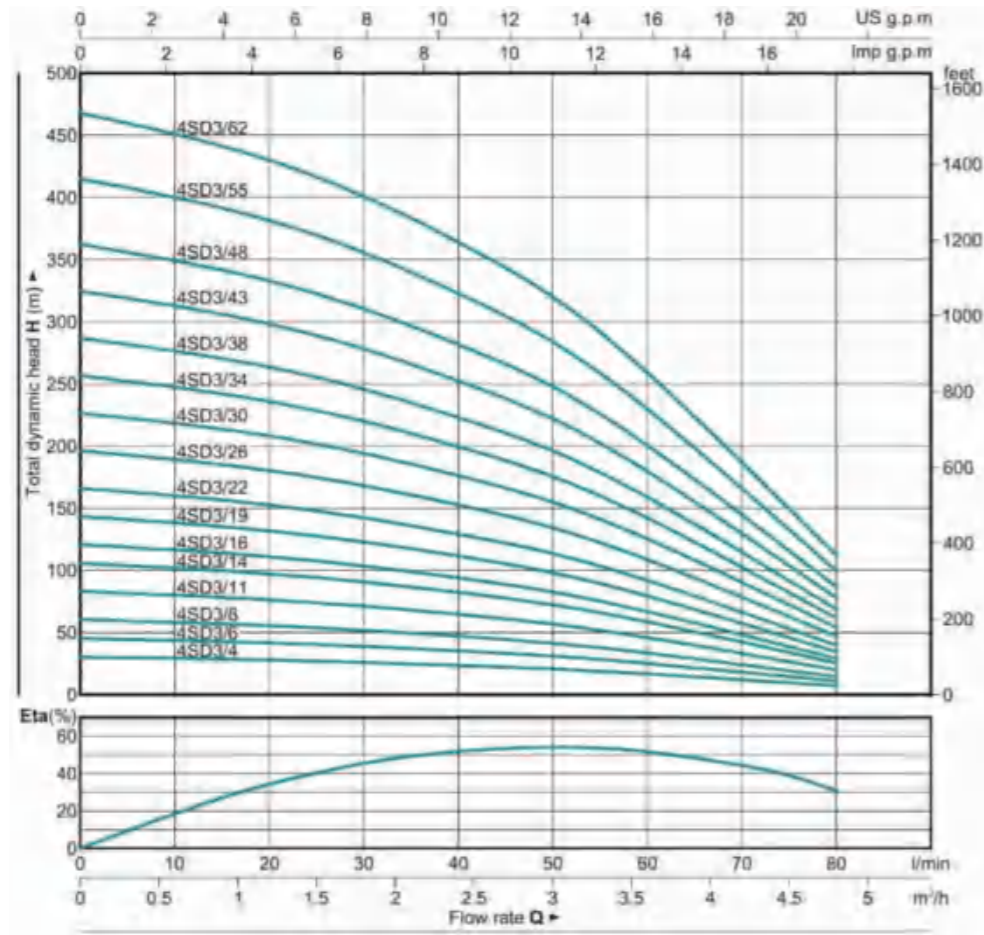


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3	3.3
					I/min	0	5	10	15	20	25	30	35	40	45	5	55
4SDM2/6	4SD2/6	0.25	0.55	H(m)	42	42	41	40	39	37	35	31	29	23	18	13	
4SDM2/8	4SD2/8	0.37	0.5		57	56	55	54	52	50	46	41	36	30	24	17	
4SDM2/11	4SD2/11	0.55	0.75		78	77	76	74	72	68	63	57	50	42	32	23	
4SDM2/14	4SD2/14	0.75	1		99	98	97	94	91	87	81	72	63	53	41	30	
4SDM2/17	4SD2/17	0.92	1.25		120	119	117	115	111	106	98	88	77	64	50	36	
4SDM2/20	4SD2/20	1.1	1.5		142	140	138	135	131	124	115	104	91	75	59	43	
4SDM2/23	4SD2/23	1.3	1.75		163	161	159	155	150	143	132	119	104	87	68	49	
4SDM2/26	4SD2/26	1.5	2		184	182	179	175	170	161	150	135	118	98	77	55	
4SDM2/32	4SD2/32	1.8	2.5		227	225	221	216	209	199	184	166	145	121	94	68	
4SDM2/38	4SD2/38	2.2	3		269	267	262	256	248	236	219	197	172	143	112	81	
4SDM2/44	4SD2/44	2.6	3.5		312	309	304	297	287	273	253	228	199	166	130	94	
—	4SD2/50	3	4		354	351	345	337	327	310	288	259	227	189	148	106	
—	4SD2/56	3.7	5		397	393	387	378	366	348	322	290	254	211	165	119	
—	4SD2/62	4	5.5		439	435	428	418	405	385	357	321	281	234	183	132	

4SD3

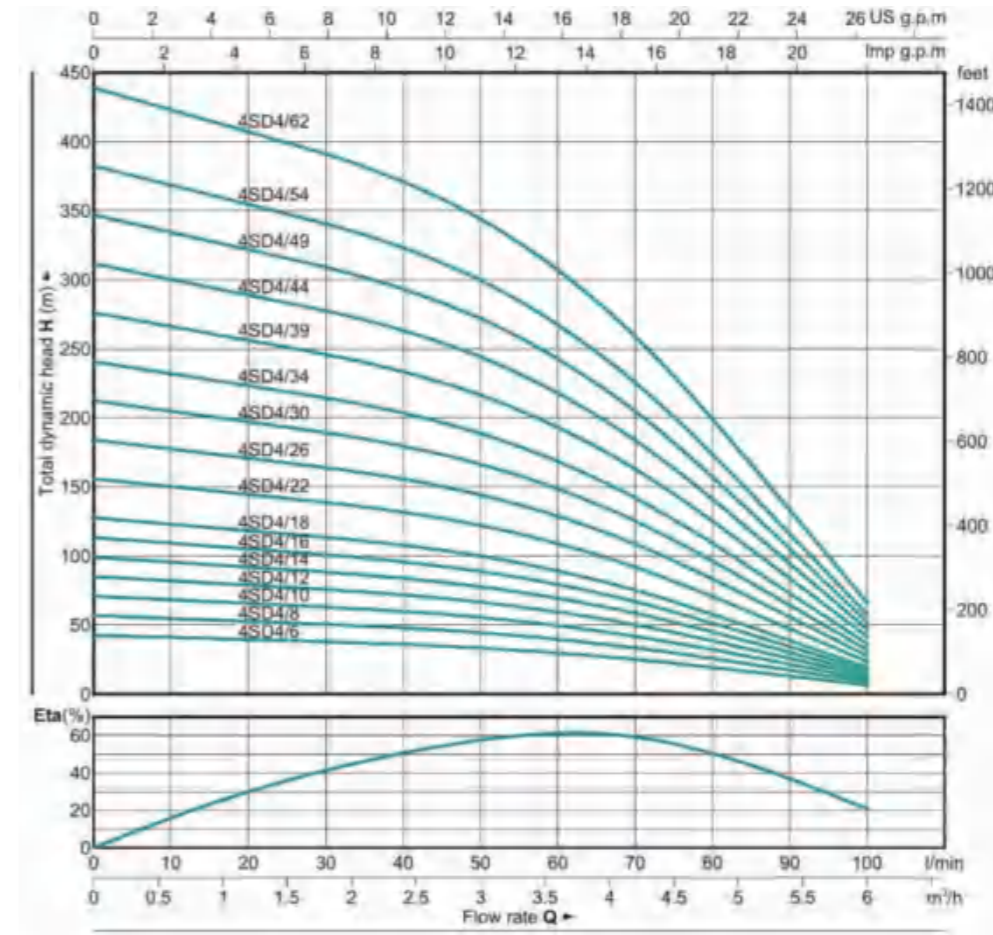


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8
						0	10	20	30	40	50	60	70	80
4SDM3/4	4SD3/4	0.25	0.33	H(m)	30	29	28	26	23	21	17	12	7	
4SDM3/6	4SD3/6	0.37	0.5		45	44	42	39	35	31	25	18	11	
4SDM3/8	4SD3/8	0.55	0.75		60	58	55	52	47	41	33	24	14	
4SDM3/11	4SD3/11	0.75	1		83	80	76	71	65	57	46	33	20	
4SDM3/14	4SD3/14	0.92	1.25		106	102	97	91	82	72	58	42	25	
4SDM3/16	4SD3/16	1.1	1.5		121	116	111	103	94	83	67	48	29	
4SDM3/19	4SD3/19	1.3	1.75		143	138	132	123	112	98	79	57	34	
4SDM3/22	4SD3/22	1.5	2		166	160	153	142	129	114	92	66	40	
4SDM3/26	4SD3/26	1.8	2.5		196	189	180	168	153	134	109	78	47	
4SDM3/30	4SD3/30	2.2	3		226	218	208	194	176	155	125	90	54	
4SDM3/34	4SD3/34	2.6	3.5		257	247	236	220	200	175	142	103	61	
—	4SD3/38	3	4		287	276	264	246	223	196	159	115	69	
—	4SD3/43	3.7	5		325	313	298	278	252	222	180	130	78	
—	4SD3/48	4	5.5		362	349	333	310	282	248	201	145	87	
—	4SD3/55	5	7		415	400	381	356	323	284	230	166	99	
—	4SD3/62	5.5	7.5		468	451	430	401	364	320	259	187	112	

4SD4

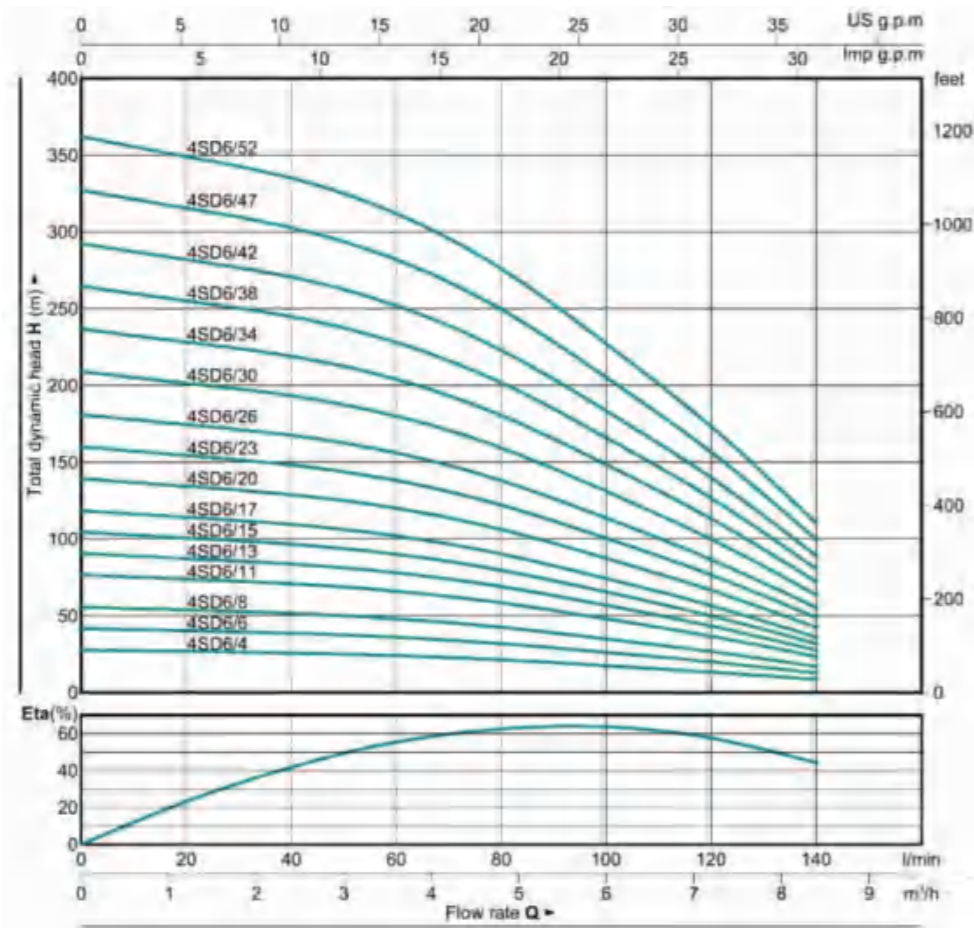


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h l/min	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	
						0	10	20	30	40	50	60	70	80	90	100	
4SDM4/6	4SD4/6	0.37	0.5	H(m)	42	41	39	38	36	33	30	25	19	13	6		
4SDM4/8	4SD4/8	0.55	0.75		57	55	53	50	48	44	40	33	26	17	9		
4SDM4/10	4SD4/10	0.75	1		71	68	66	63	60	55	50	42	32	21	11		
4SDM4/12	4SD4/12	0.92	1.25		85	82	79	76	72	67	59	50	39	26	13		
4SDM4/14	4SD4/14	1.1	1.5		99	96	92	88	84	78	69	58	45	30	15		
4SDM4/16	4SD4/16	1.3	1.75		113	109	105	101	96	89	79	67	51	34	17		
4SDM4/18	4SD4/18	1.5	2		127	123	118	114	108	100	89	75	58	39	19		
4SDM4/22	4SD4/22	1.8	2.5		156	150	144	139	132	122	109	92	71	47	23		
4SDM4/26	4SD4/26	2.2	3		184	177	171	164	156	144	129	109	83	56	28		
4SDM4/30	4SD4/30	2.6	3.5		21	205	197	189	180	166	149	125	96	64	32		
—	4SD4/34	3	4		241	232	223	214	203	189	168	142	109	73	36		
—	4SD4/39	3.7	5		276	266	256	246	233	216	193	163	125	84	42		
—	4SD4/44	4	5.5		312	300	289	277	263	244	218	184	141	94	47		
—	4SD4/49	5	7		347	334	322	309	293	272	243	205	157	105	52		
—	4SD4/54	5.5	7.5		382	368	354	341	323	300	267	226	173	116	57		
—	4SD4/62	7.5	10		439	423	407	391	371	344	307	259	199	133	66		

4SD6

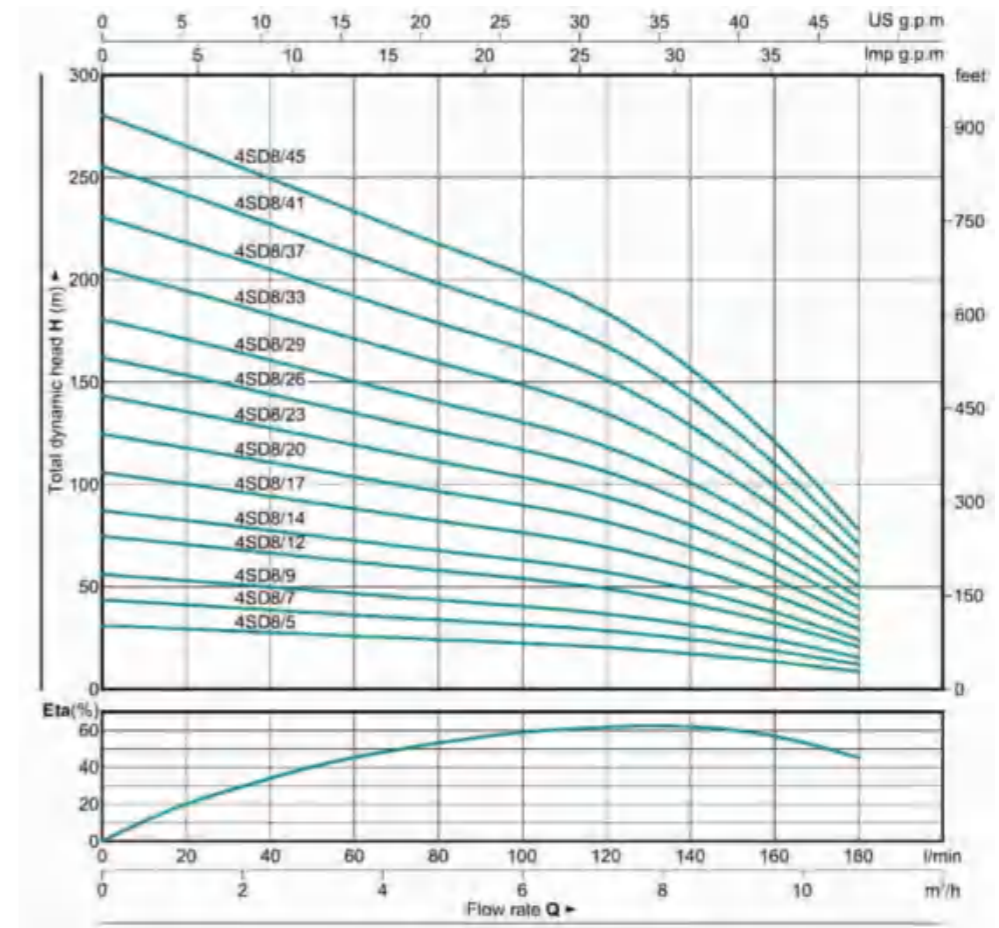


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min																
1~ 220V-240V	3~ 380-415V	KW	HP	Q	H(m)															
					m³/h l/min	0	1.2	2.4	3.6	4.8	6	7.2	8.4	0	20	40	60	80	100	120
4SD6/4	4SD6/4	0.37	0.5	H(m)	28	27	26	24	21	17	13	8	28	27	26	24	21	17	13	8
4SD6/6	4SD6/6	0.55	0.75		42	40	39	36	32	26	20	13	42	40	39	36	32	26	20	13
4SD6/8	4SD6/8	0.75	1		56	54	52	48	42	35	27	17	56	54	52	48	42	35	27	17
4SD6/11	4SD6/11	1.1	1.5		77	74	71	66	58	48	37	23	77	74	71	66	58	48	37	23
4SD6/13	4SD6/13	1.3	1.75		90	87	84	78	69	57	43	27	90	87	84	78	69	57	43	27
4SD6/15	4SD6/15	1.5	2		104	101	97	90	80	65	50	32	104	101	97	90	80	65	50	32
4SD6/17	4SD6/17	1.8	2.5		118	114	110	102	90	74	57	36	118	114	110	102	90	74	57	36
4SD6/20	4SD6/20	2.2	3		139	134	129	120	106	87	67	42	139	134	129	120	106	87	67	42
4SD6/23	4SD6/23	2.6	3.5		160	154	148	138	122	100	77	49	160	154	148	138	122	100	77	49
—	4SD6/26	3	4		181	175	168	156	138	113	86	55	181	175	168	156	138	113	86	55
—	4SD6/30	3.7	5		209	201	193	180	159	131	100	63	209	201	193	180	159	131	100	63
—	4SD6/34	4	5.5		237	228	219	204	180	148	113	72	237	228	219	204	180	148	113	72
—	4SD6/38	5	7		265	255	245	228	202	166	126	80	265	255	245	228	202	166	126	80
—	4SD6/42	5.5	7.5		292	282	271	252	223	183	140	89	292	282	271	252	223	183	140	89
—	4SD6/47	6.8	9		327	315	303	282	249	205	156	99	327	315	303	282	249	205	156	99
—	4SD6/52	7.5	10	362	349	335	312	276	227	173	110	362	349	335	312	276	227	173	110	

4SD8

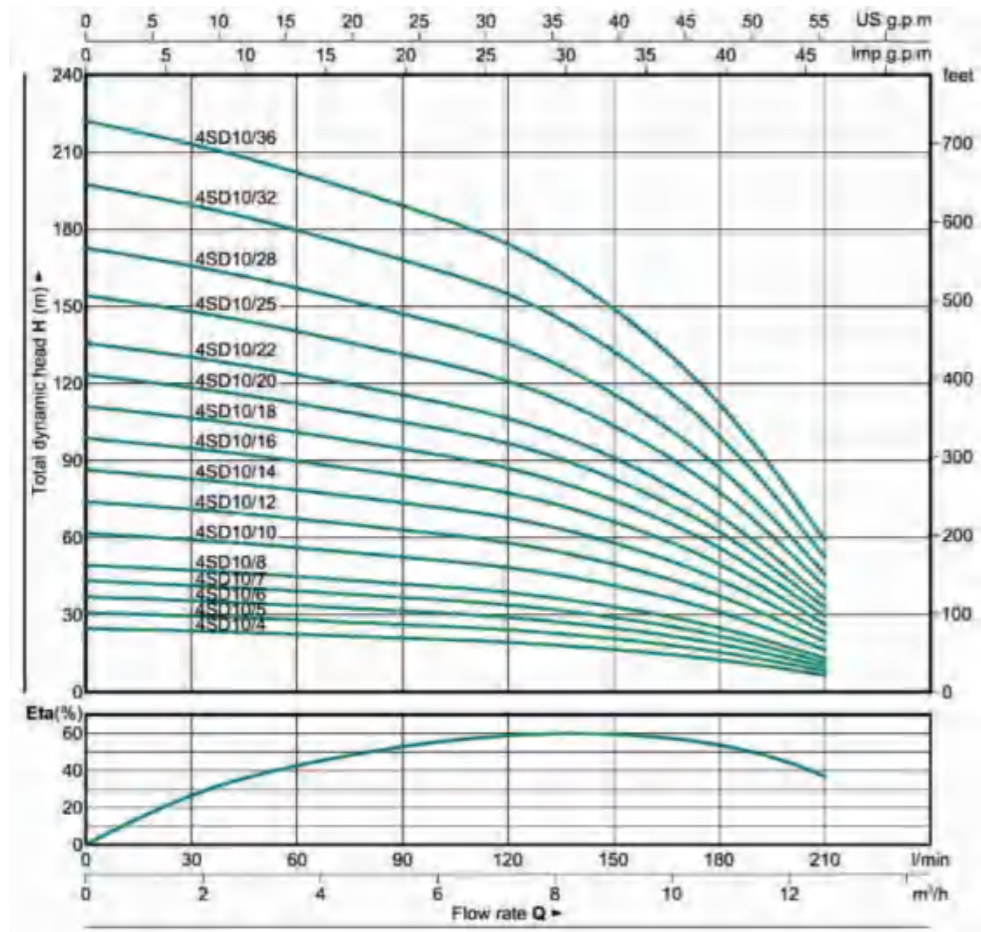


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min																				
1~ 220V-240V	3~ 380-415V	KW	HP	Q	H(m)																			
					m³/h l/min	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	0	20	40	60	80	100	120	140	160
4SD8/5	4SD8/5	0.55	0.75	H(m)	31	29	28	26	24	22	20	17	13	9	31	29	28	26	24	22	20	17	13	9
4SD8/7	4SD8/7	0.75	1		44	41	39	36	34	31	29	24	19	12	44	41	39	36	34	31	29	24	19	12
4SD8/8	4SD8/8	0.92	1.25		50	47	44	41	39	36	33	28	21	14	50	47	44	41	39	36	33	28	21	14
4SD8/9	4SD8/9	1.1	1.5		56	53	50	47	43	40	37	31	24	16	56	53	50	47	43	40	37	31	24	16
4SD8/10	4SD8/10	1.3	1.75		62	59	55	52	48	45	41	35	27	17	62	59	55	52	48	45	41	35	27	17
4SD8/12	4SD8/12	1.5	2		75	71	66	62	58	54	49	42	32	21	75	71	66	62	58	54	49	42	32	21
4SD8/14	4SD8/14	1.8	2.5		87	83	78	73	68	63	57	49	38	24	87	83	78	73	68	63	57	49	38	24
4SD8/17	4SD8/17	2.2	3		106	100	94	88	82	76	69	59	46	29	106	100	94	88	82	76	69	59	46	29
4SD8/20	4SD8/20	2.6	3.5		125	118	111	104	97	90	82	70	54	35	125	118	111	104	97	90	82	70	54	35
—	4SD8/23	3	4		143	136	127	119	111	103	94	80	62	40	143	136	127	119	111	103	94	80	62	40
—	4SD8/26	3.7	5		162	153	144	135	126	117	106	90	70	45	162	153	144	135	126	117	106	90	70	45
—	4SD8/29	4	5.5		181	171	161	150	140	130	118	101	78	50	181	171	161	150	140	130	118	101	78	50
—	4SD8/33	5	7		206	195	183	171	160	149	135	115	89	57	206	195	183	171	160	149	135	115	89	57
—	4SD8/37	5.5	7.5		230	218	205	192	179	167	151	129	99	64	230	218	205	192	179	167	151	129	99	64
—	4SD8/41	6.8	9		255	242	227	213	198	185	167	143	110	71	255	242	227	213	198	185	167	143	110	71
—	4SD8/45	7.5	10	280	265	249	233	218	203	184	157	121	78	280	265	249	233	218	203	184	157	121	78	

4SD10

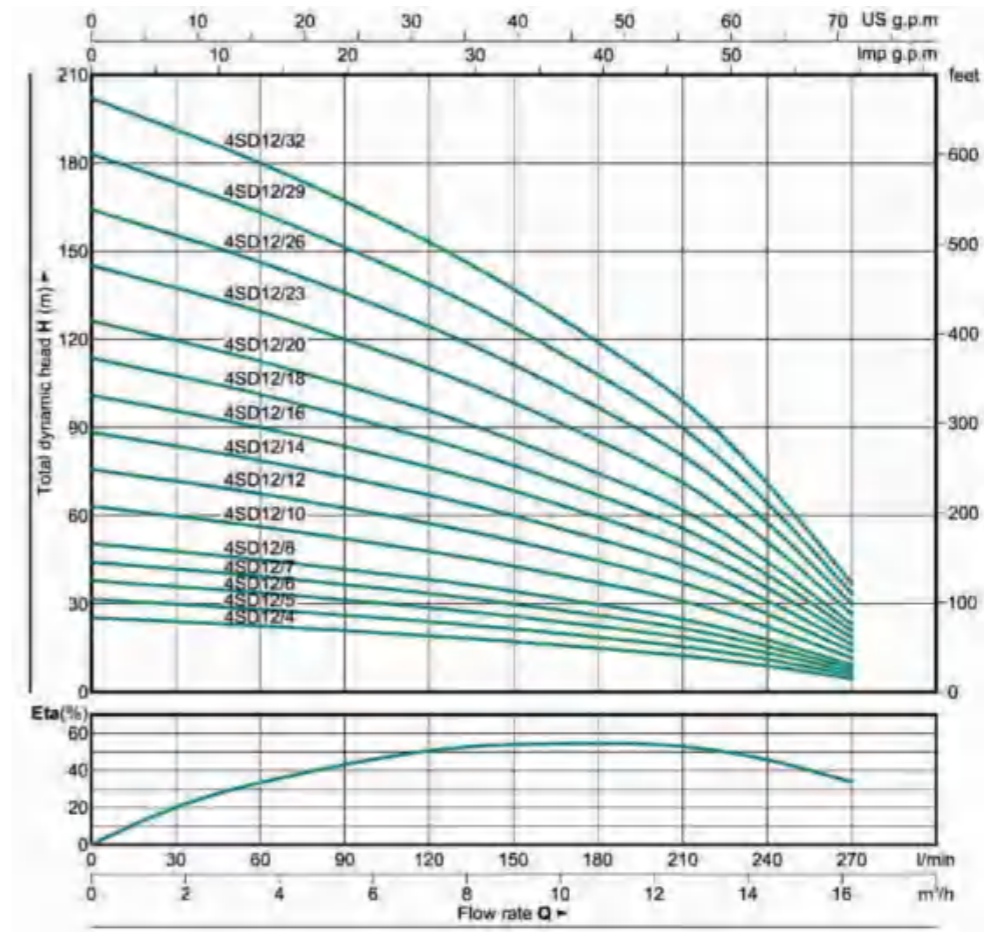


PERFORMANCE DATA 50HZ

Outlet: G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min										
1~220V-240V	3~380-415V	KW	HP	Q	H(m)									
					0	1.8	3.6	5.4	7.2	9	10.8	12.6		
4SDM10/4	4SD10/4	0.55	0.75	25	24	22	21	19	17	12	7			
4SDM10/5	4SD10/5	0.75	1	31	30	28	26	24	21	16	8			
4SDM10/6	4SD10/6	0.92	1.25	37	35	34	31	29	25	19	10			
4SDM10/7	4SD10/7	1.1	1.5	43	41	39	37	34	29	22	11			
4SDM10/8	4SD10/8	1.3	1.75	49	47	45	42	39	33	25	13			
4SDM10/10	4SD10/10	1.5	2	62	59	56	52	48	41	31	16			
4SDM10/12	4SD10/12	1.8	2.5	74	71	67	63	58	50	37	20			
4SDM10/14	4SD10/14	2.2	3	86	83	79	73	68	58	44	23			
4SDM10/16	4SD10/16	2.6	3.5	99	95	90	84	77	66	50	26			
—	4SD10/18	3	4	111	106	101	94	87	74	56	29			
—	4SD10/20	3.7	5	123	118	112	105	97	83	62	33			
—	4SD10/22	4	5.5	136	130	123	115	106	91	68	36			
—	4SD10/25	5	7	154	148	140	131	121	103	78	41			
—	4SD10/28	5.5	7.5	173	166	157	147	135	116	87	46			
—	4SD10/32	6.8	9	197	189	180	168	155	132	100	52			
—	4SD10/36	7.5	10	222	213	202	189	174	149	112	59			

4SD12



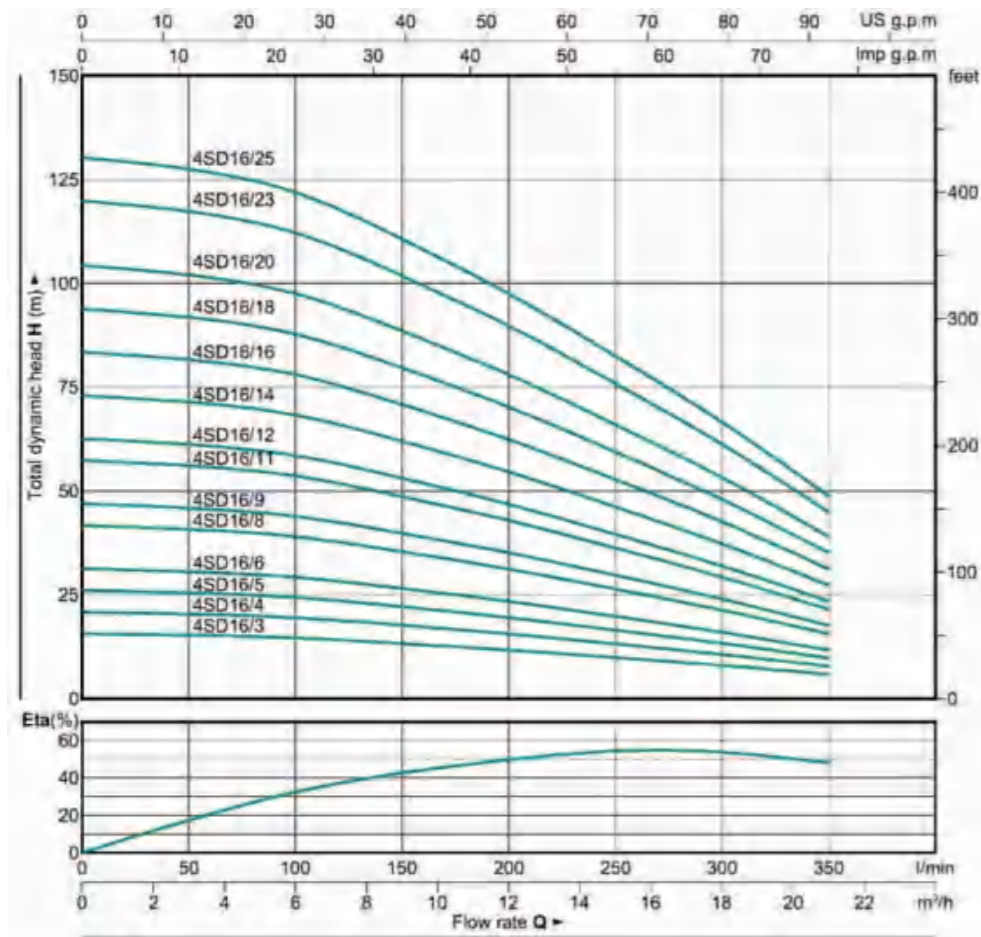
PERFORMANCE DATA 50HZ

Outlet: G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~220V-240V	3~380-415V	KW	HP	Q	H(m)											
					0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2		
4SDM12/4	4SD12/4	0.75	1	25	24	23	21	19	17	15	12	9	5			
4SDM12/5	4SD12/5	0.92	1.25	32	30	28	26	24	21	19	15	11	6			
4SDM12/6	4SD12/6	1.1	1.5	38	36	34	31	29	26	22	19	13	7			
4SDM12/7	4SD12/7	1.3	1.75	44	42	39	37	33	30	26	22	16	8			
4SDM12/8	4SD12/8	1.5	2	51	48	45	42	38	34	30	25	18	9			
4SDM12/10	4SD12/10	1.8	2.5	63	60	56	52	48	43	37	31	22	12			
4SDM12/12	4SD12/12	2.2	3	76	72	68	63	57	51	45	37	27	14			
4SDM12/14	4SD12/14	2.6	3.5	88	84	79	73	65	60	52	43	31	16			
—	4SD12/16	3	4	101	96	90	84	77	69	60	50	36	19			
—	4SD12/18	3.7	5	114	108	101	94	86	77	67	56	40	21			
—	4SD12/20	4	5.5	126	120	113	104	96	86	74	62	44	23			
—	4SD12/23	5	7	145	137	129	120	110	98	86	71	51	27			
—	4SD12/26	5.5	7.5	164	155	146	136	124	111	97	80	58	30			
—	4SD12/29	6.8	9	183	173	163	151	139	124	108	90	64	34			
—	4SD12/32	7.5	10	202	191	180	167	153	137	119	99	71	37			

4SD16

4"

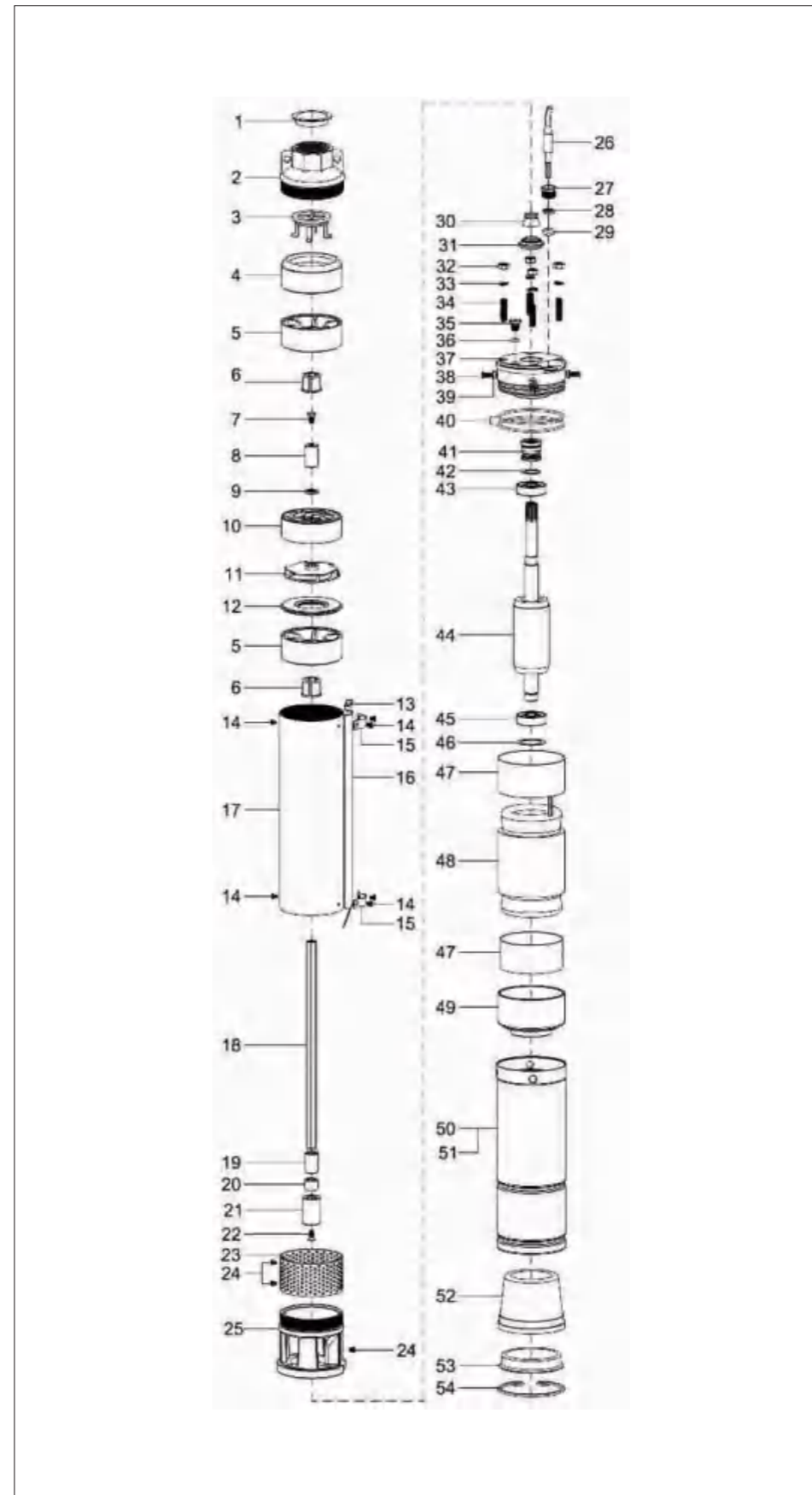


PERFORMANCE DATA 50HZ

Outlet: G1¼"~G2"

MODEL		P ₂		DELIVERY									
				n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	3	6	9	12	15	18	21
					l/min	0	50	100	150	200	250	300	350
4SDM16/3	4SD16/3	0.75	1	H(m)	17	16	16	14	12	11	9	6	
4SDM16/4	4SD16/4	1.1	1.5		22	22	21	19	17	14	11	8	
4SDM16/5	4SD16/5	1.3	1.75		28	27	26	24	21	18	14	10	
4SDM16/6	4SD16/6	1.5	2		33	33	31	28	25	21	17	12	
4SDM16/8	4SD16/8	1.8	2.5		44	44	42	38	33	28	23	17	
4SDM16/9	4SD16/9	2.2	3		50	49	47	42	37	32	26	19	
4SDM16/11	4SD16/11	2.6	3.5		61	60	57	52	46	39	31	23	
—	4SD16/12	3	4		67	65	62	57	50	42	34	25	
—	4SD16/14	3.7	5		78	76	73	66	58	49	40	29	
—	4SD16/16	4	5.5		89	87	83	76	67	56	45	33	
—	4SD16/18	5	7		100	98	94	85	75	63	51	37	
—	4SD16/20	5.5	7.5		111	109	104	94	83	70	57	42	
—	4SD16/23	6.8	9		128	125	120	109	96	81	65	48	
—	4SD16/25	7.5	10		139	136	130	118	104	88	71	52	

4SD Breakdown Diagram



Number	Name
1	Pump cover
2	Outlet
3	Check valve core
4	Check valve seat
5	Intermediate support
6	Rubber bearing
7	Screw
8	Upper bearing bush
9	Sealing gasket
10	Diffuser
11	Impeller
12	Diffuser cover
13	Cable shield
14	Screw
15	Holder pipe
16	Cable cover
17	Pump pipe
18	Shaft
19	Down bushing
20	Plastic sleeve
21	Coupling
22	Screw
23	Stainer
24	Screw
25	Suction support
26	Cable
27	Copper nut
28	Copper gasket
29	Abacus bead sheath
30	Sand proof sleeve
31	Sand proof cap
32	Nut
33	Spring washer
34	Bolt
35	Grease screw
36	"O" Ring
37	Bearing seat
38	Screw
39	Gasket
40	"O" Ring
41	Mechanical seal
42	Mechanical seal gasket
43	Bearing
44	Rotor
45	Bearing
46	Bearing shim
47	Bushing
48	Stator
49	Bearing seat
50	Motor pipe
51	Oil
52	Rubber cup
53	End cover
54	Clamping spring

4QSY Motor

Oil-Filled Type Submersible Motor

PERFORMANCE DATA 50Hz/60Hz n≈2850/3450 1/min

MODEL	P ₂		Voltage (v)	Rated Current		Power Factor COSφ	Efficiency %
	KW	HP		110V (A)	220V (A)		
4QSDY-0.25	0.25	0.33	110V/220V	5	2.5	0.93	55
4QSDY-0.37	0.37	0.5		7.2	3.6	0.93	57
4QSDY-0.55	0.55	0.75		9.6	4.8	0.93	60
4QSDY-0.75	0.75	1		12.4	6.2	0.93	63
4QSDY-1.1	1.1	1.5		17	8.5	0.93	66
4QSDY-1.5	1.5	2	220V	21.6	10.8	0.93	68
4QSDY-2.2	2.2	3		—	15.5	0.93	69

MODEL	P ₂		Voltage (v)	Rated Current		Power Factor COSφ	Efficiency %
	KW	HP		220V (A)	380V (A)		
4QSY-0.25	0.25	0.33	220V/380V	2.1	1.2	0.7	55
4QSY-0.37	0.37	0.5		2.4	1.4	0.72	58
4QSY-0.55	0.55	0.75		3.5	2	0.74	61
4QSY-0.75	0.75	1		2.5	2.5	0.75	64
4QSY-1.1	1.1	1.5		4.3	3.3	0.76	67
4QSY-1.5	1.5	2		7.5	4.3	0.77	69
4QSY-2.2	2.2	3		10.4	6	0.78	71
4QSY-3	3	4		13.9	8	0.79	72
4QSY-4	4	5.5		18	10.4	0.79	74
4QSY-5.5	5.5	7.5		380V	—	13.9	0.8
4QSY-7.5	7.5	10	—		17.5	0.8	76



6QSY Motor

Oil-Filled Type Submersible Motor

PERFORMANCE DATA 50Hz/60Hz n≈2850/3450 1/min

MODEL	P ₂		Voltage (v)	Rated Current (A)	Power Factor COSφ	Efficiency %
	KW	HP				
6QSDY-2.2	2.2	3	220V	15.1	0.93	71
6QSDY-3	3	4		20.4	0.93	72
6QSDY-4	4	5.5		26.8	0.93	73
6QSDY-5.5	5.5	7.5		35.8	0.93	75

MODEL	P ₂		Voltage (v)	Rated Current		Power Factor COSφ	Efficiency %
	KW	HP		220V (A)	380V (A)		
6QSY-2.2	2.2	3	220V/380V	10.4	6	0.77	72
6QSY-3	3	4		13.9	8	0.8	74
6QSY-4	4	5.5		18	10.4	0.8	75
6QSY-5.5	5.5	7.5		24.1	13.9	0.8	76
6QSY-7.5	7.5	10		30.3	17.5	0.81	76.5
6QSY-9.2	9.2	12.5		37.3	21.5	0.81	77
6QSY-11	11	15		42.5	24.5	0.82	78
6QSY-13	13	17.5		48	27.5	0.82	78
6QSY-15	15	20		55	31.5	0.83	79
6QSY-18.5	18.5	25		67.5	39	0.83	79
6QSY-22	22	30	380V	—	45	0.83	80
6QSY-26	26	35		—	53	0.84	80
6QSY-30	30	40		—	61	0.84	81

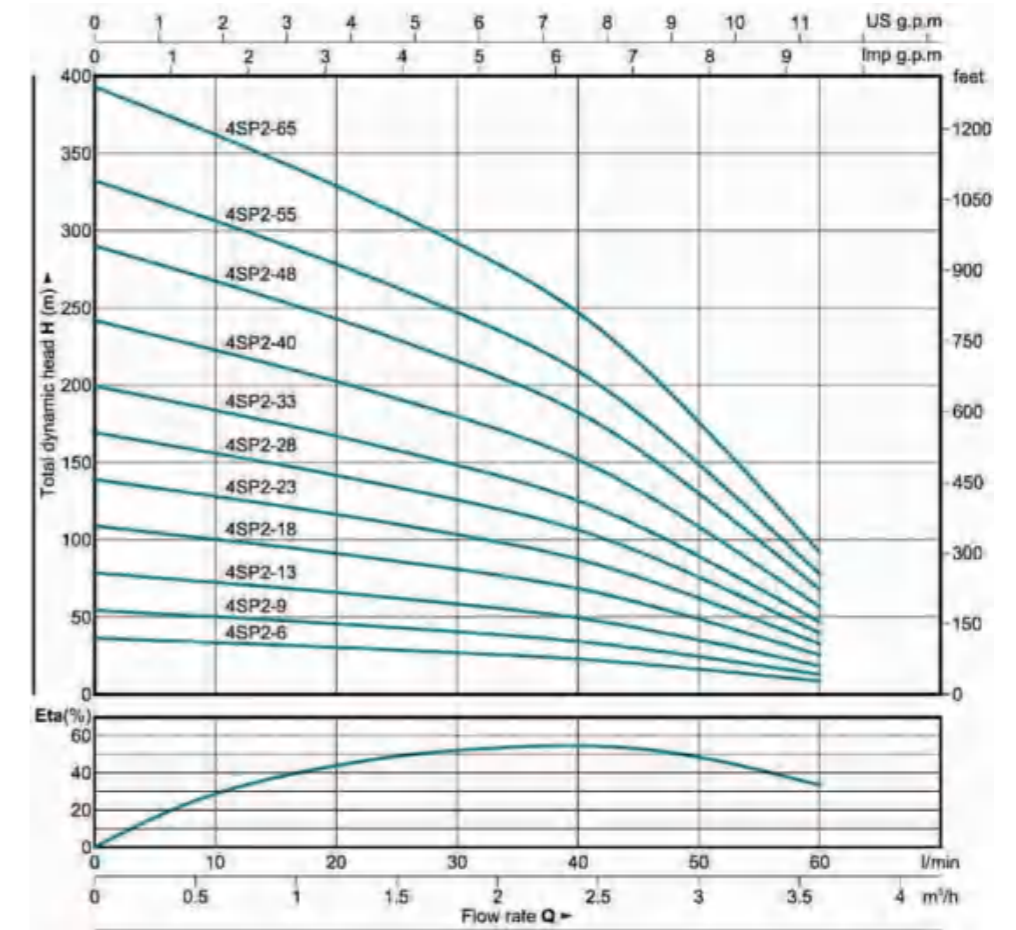


(≤15KW)

(All power)

4SP Series (4SP2)

4"

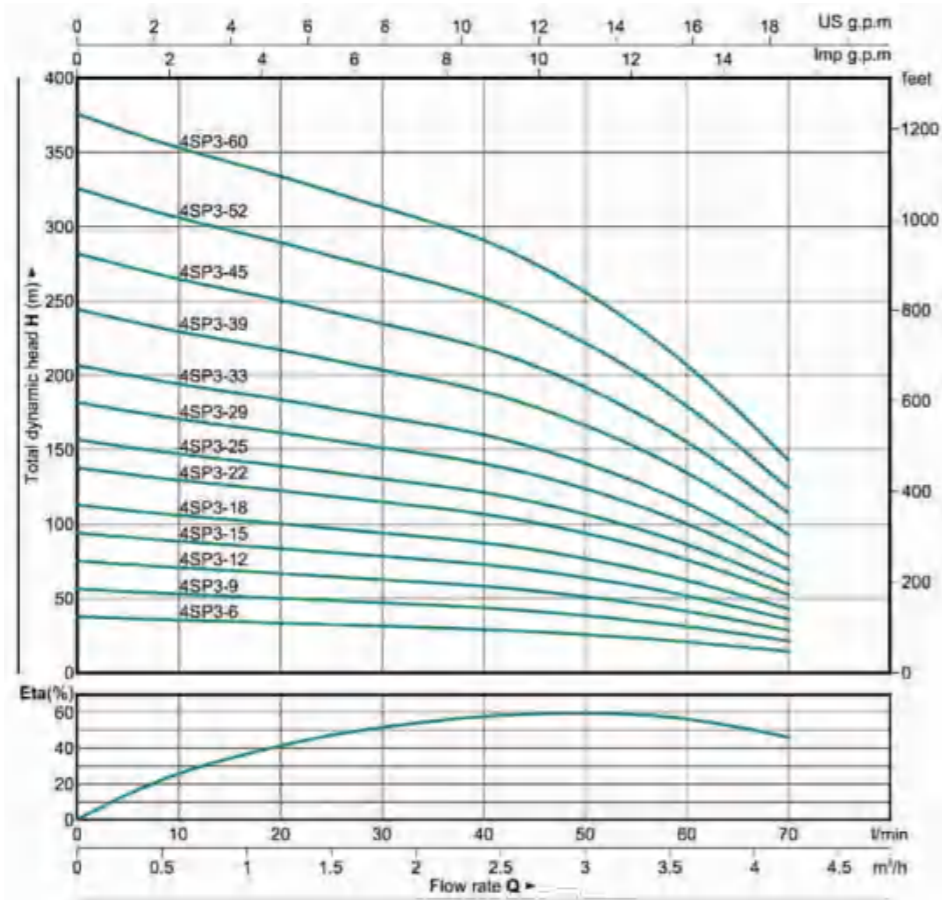


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G1½"

MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h							
					0	0.6	1.2	1.8	2.4	3	3.6	
					0	10	20	30	40	50	60	
4SPM2-6	4SP2-6	0.37	0.5	H(m)	36	33	30	27	23	16	8	
4SPM2-9	4SP2-9	0.37	0.5		54	50	46	40	34	24	13	
4SPM2-13	4SP2-13	0.55	0.75		79	72	66	58	49	35	18	
4SPM2-18	4SP2-18	0.75	1		109	100	91	81	68	49	25	
4SPM2-23	4SP2-23	1.1	1.5		139	128	116	103	87	62	33	
4SPM2-28	4SP2-28	1.3	1.75		169	156	142	126	106	76	40	
4SPM2-33	4SP2-33	1.5	2		200	184	167	148	125	89	47	
4SPM2-40	4SP2-40	1.8	2.5		242	223	202	180	152	108	57	
4SPM2-48	4SP2-48	2.2	3		290	267	243	216	182	130	68	
4SPM2-55	4SP2-55	2.6	3.5		333	306	278	247	209	149	78	
—	4SP2-65	3	4	393	362	329	292	247	176	92		

4SP3

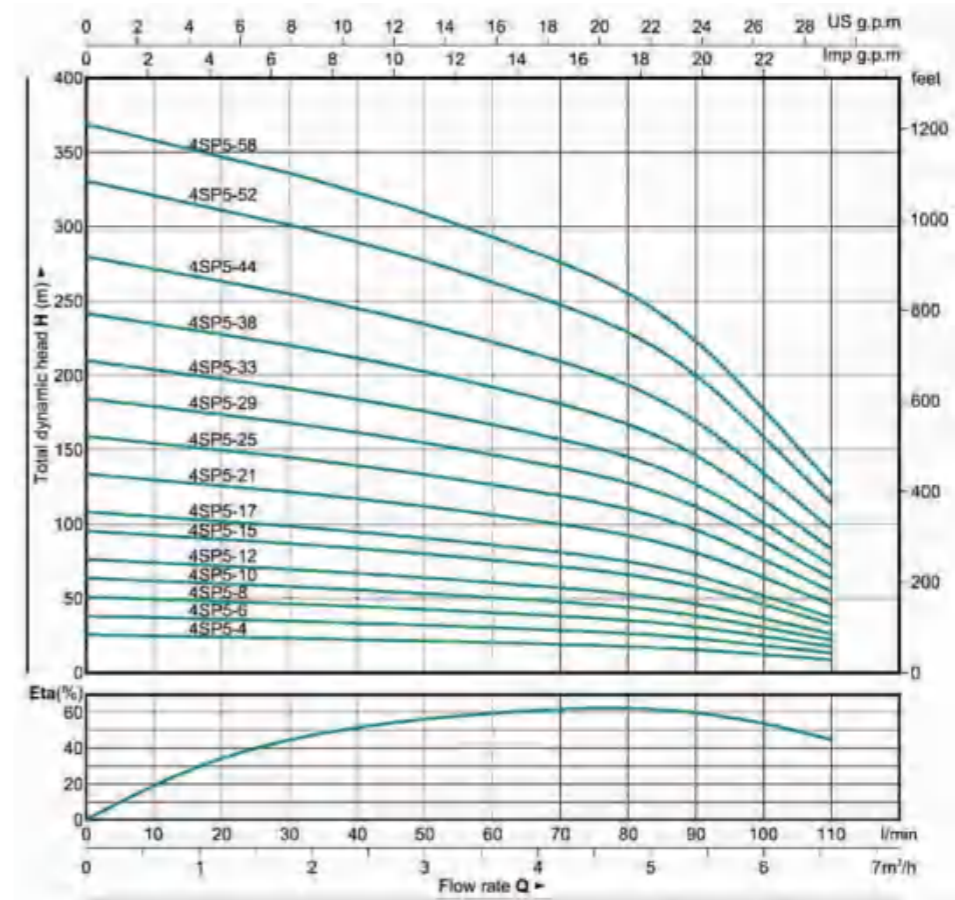


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min									
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2
					l/min	0	10	20	30	40	50	60	70
4SPM3-6	4SP3-6	0.37	0.5	H(m)	38	35	33	31	29	26	21	14	
4SPM3-9	4SP3-9	0.55	0.75		56	53	50	47	44	38	31	21	
4SPM3-12	4SP3-12	0.75	1		75	71	67	63	58	51	41	29	
4SPM3-15	4SP3-15	0.92	1.25		94	88	83	78	73	64	52	36	
4SPM3-18	4SP3-18	1.1	1.5		113	106	100	94	87	77	62	43	
4SPM3-22	4SP3-22	1.3	1.75		138	129	122	115	107	94	76	52	
4SPM3-25	4SP3-25	1.5	2		157	147	139	130	121	107	86	60	
4SPM3-29	4SP3-29	1.8	2.5		182	171	161	151	141	124	100	69	
4SPM3-33	4SP3-33	2.2	3		207	194	184	172	160	141	114	79	
4SPM3-39	4SP3-39	2.6	3.5		244	229	217	203	189	166	135	93	
—	4SP3-45	3	4		282	265	251	235	218	192	155	107	
—	4SP3-52	3.7	5		326	306	289	271	252	222	179	124	
—	4SP3-60	4	5.5		376	353	334	313	291	256	207	143	

4SP5

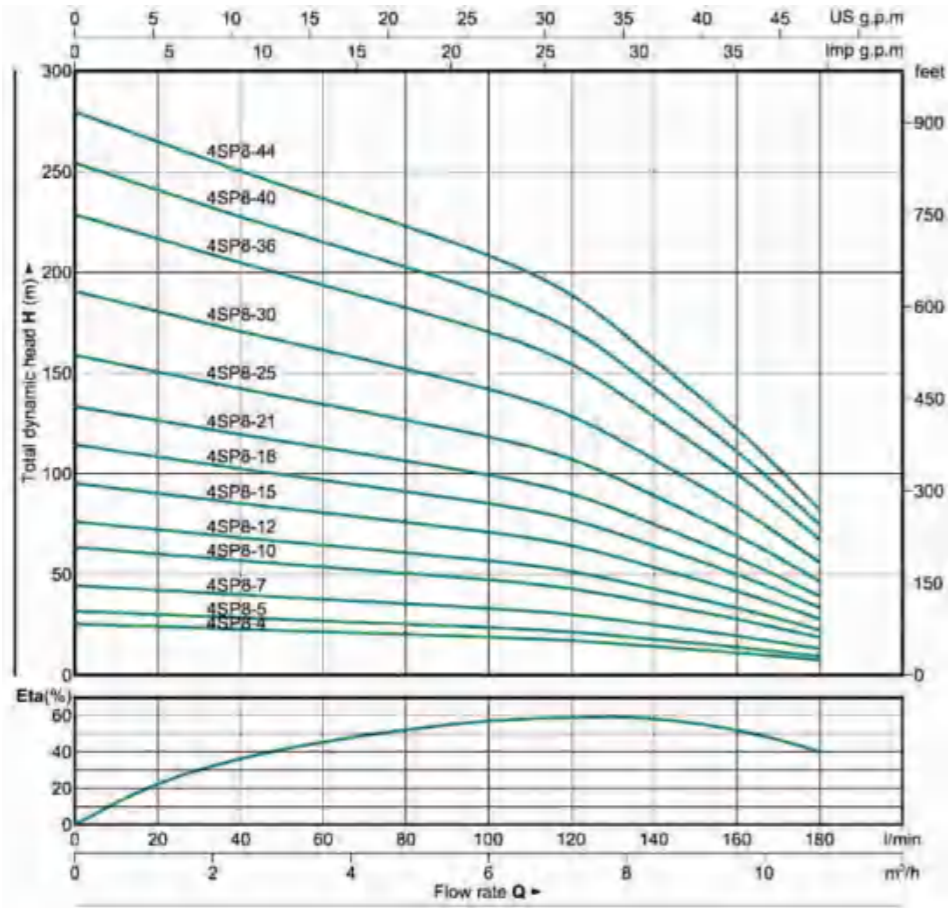


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6	6.6
					l/min	0	10	20	30	40	50	60	70	80	90	100	110
4SPM5-4	4SP5-4	0.37	0.5	H(m)	25	25	24	23	22	21	20	19	18	15	12	9	
4SPM5-6	4SP5-6	0.55	0.75		38	37	36	35	33	32	30	29	26	23	18	13	
4SPM5-8	4SP5-8	0.75	1		51	49	48	46	45	43	40	38	35	31	24	18	
4SPM5-10	4SP5-10	0.92	1.25		64	62	60	58	56	53	51	48	44	38	31	22	
4SPM5-12	4SP5-12	1.1	1.5		76	74	72	70	67	64	61	57	53	46	37	26	
4SPM5-15	4SP5-15	1.3	1.75		95	93	90	87	84	80	76	71	66	58	46	33	
4SPM5-17	4SP5-17	1.5	2		108	105	102	98	95	91	86	81	75	65	52	37	
4SPM5-21	4SP5-21	1.8	2.5		134	130	126	122	117	112	106	100	92	81	64	46	
4SPM5-25	4SP5-25	2.2	3		159	154	150	145	139	133	126	119	110	96	76	55	
4SPM5-29	4SP5-29	2.6	3.5		185	179	173	168	161	154	146	138	127	111	88	63	
—	4SP5-33	3	4		210	204	197	191	184	176	167	157	145	127	101	72	
—	4SP5-38	3.7	5		242	235	227	220	212	202	192	181	167	146	116	83	
—	4SP5-44	4	5.5		280	272	263	255	245	234	222	209	193	169	134	96	
—	4SP5-52	5	7		331	321	311	301	290	277	263	247	229	200	159	114	
—	4SP5-58	5.5	7.5	369	358	347	336	323	309	293	276	255	223	177	127		

4SP8

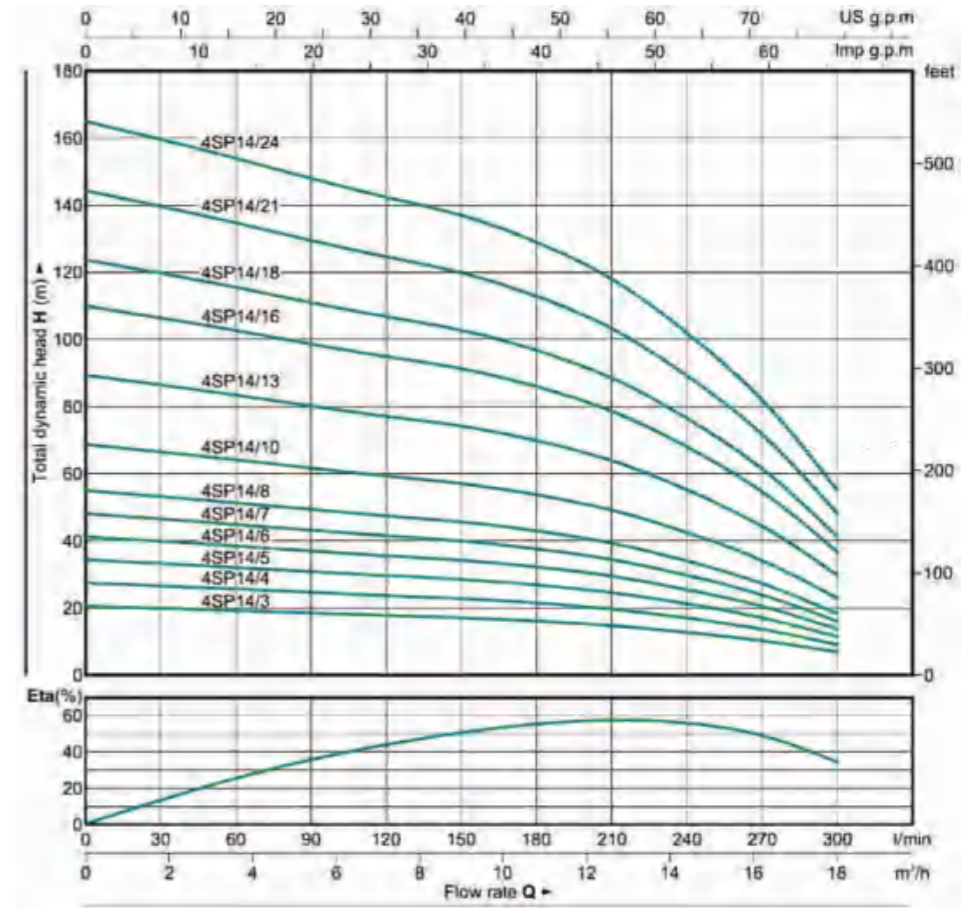


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8
					l/min	0	20	40	60	80	100	120	140	160	180
4SPM8-4	4SP8-4	0.55	0.75	H(m)	25	24	23	22	20	19	17	14	11	7	
4SPM8-5	4SP8-5	0.75	1		32	30	28	27	25	24	21	18	14	9	
4SPM8-7	4SP8-7	1.1	1.5		44	42	40	38	35	33	30	25	19	13	
4SPM8-10	4SP8-10	1.5	2		64	60	57	54	51	47	43	36	28	19	
4SPM8-12	4SP8-12	1.8	2.5		76	72	68	65	61	57	51	43	33	22	
4SPM8-15	4SP8-15	2.2	3		95	90	85	81	76	71	64	53	42	28	
—	4SP8-18	3	4		114	108	102	97	91	85	77	64	50	34	
—	4SP8-21	3.7	5		133	126	119	113	106	99	90	75	58	39	
—	4SP8-25	4	5.5		159	151	142	134	127	118	107	89	69	47	
—	4SP8-30	5	7		191	181	171	161	152	142	129	107	83	56	
—	4SP8-36	5.5	7.5	229	217	205	194	182	170	154	128	100	67		
—	4SP8-40	6.8	9	254	241	228	215	203	189	172	142	111	75		
—	4SP8-44	7.5	10	280	265	250	237	223	208	189	156	122	82		

4SP14

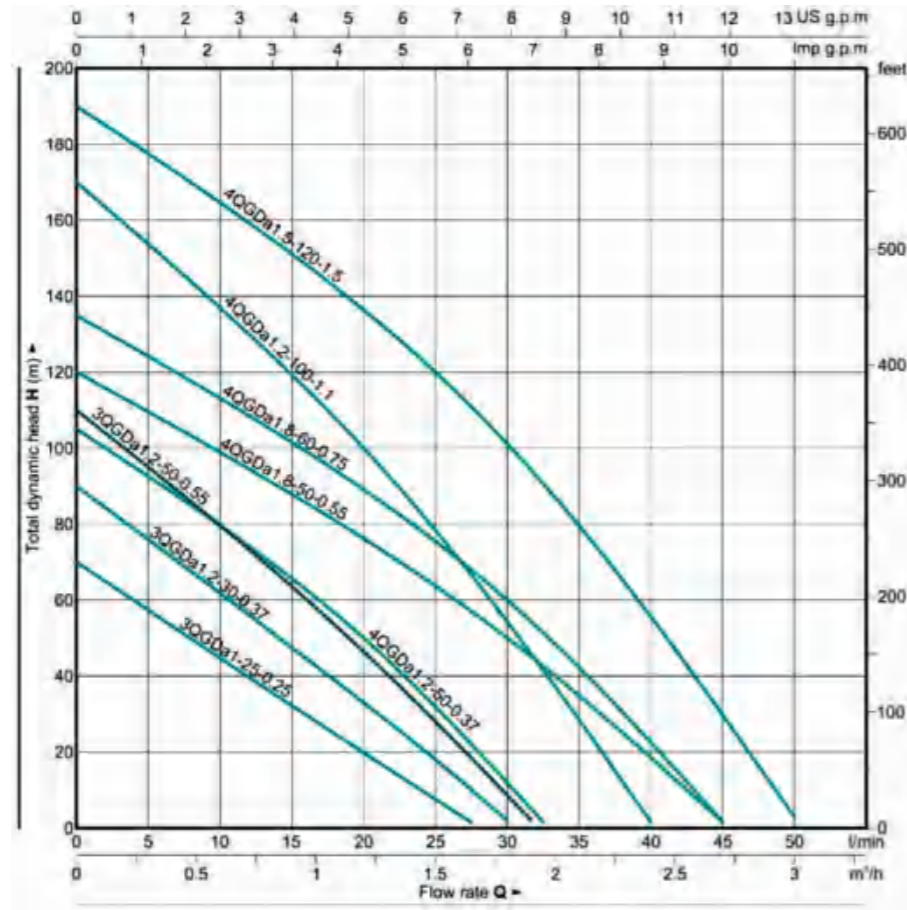


PERFORMANCE DATA 50HZ

Outlet:G1¼"~G2"

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	1.8	3.6	5.4	7.2	9	10.8	12.6	14.4	16.2	18	
					l/min	0	30	60	90	120	150	180	210	240	270	300	
4SPM14/3	4SP14/3	1.1	1.5	H(m)	21	20	19	19	18	17	16	15	13	10	7		
4SPM14/4	4SP14/4	1.3	1.75		28	27	26	25	24	23	22	20	17	14	9		
4SPM14/5	4SP14/5	1.5	2		34	33	32	31	30	29	27	25	21	17	11		
4SPM14/6	4SP14/6	1.8	2.5		41	40	39	37	36	34	32	30	26	21	14		
4SPM14/7	4SP14/7	2.2	3		48	47	45	43	42	40	38	34	30	24	16		
4SPM14/8	4SP14/8	2.6	3.5		55	53	51	49	47	46	43	39	34	27	18		
—	4SP14/10	3	4		69	67	64	62	59	57	54	49	43	34	23		
—	4SP14/13	4	5.5		89	86	83	80	77	74	70	64	55	44	30		
—	4SP14/16	5	7		110	106	103	99	95	91	86	79	68	55	37		
—	4SP14/18	5.5	7.5		124	120	116	111	107	103	97	89	77	62	41		
—	4SP14/21	6.8	9	144	140	135	130	125	120	113	103	89	72	48			
—	4SP14/24	7.5	10	165	160	154	148	142	137	129	118	102	82	55			

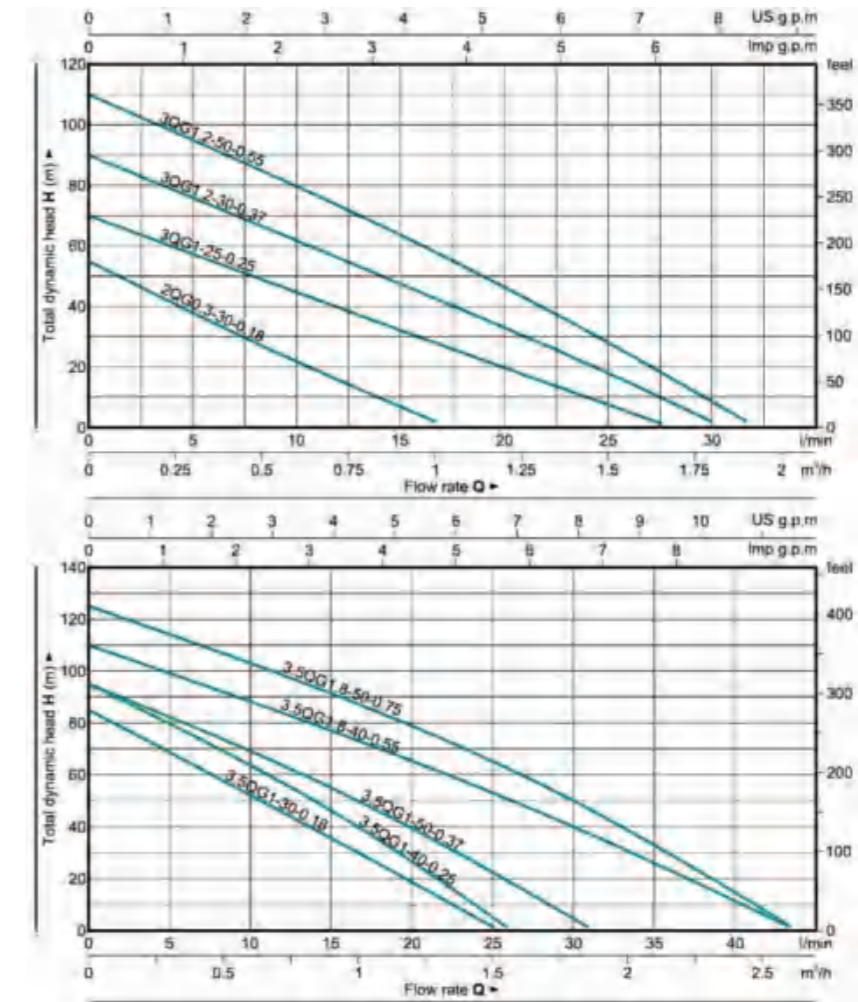
QGDa Series (3QGDa & 4QGDa)



PERFORMANCE DATA 50Hz rpm≈2850 1/min

MODEL	P ₂		Max.FLOW		Max.Head (m)	Voltage (V)	Max.Dia (mm)	Outlet (Inch)	Length (mm)
	KW	HP	l/min	m³/h					
3QGDa1.25-0.25	0.25	0.33	28	1.7	70	220	75	1	580
3QGDa1.2-30-0.37	0.37	0.5	30	1.8	90	220	75	1	610
3QGDa1.2-50-0.55	0.55	0.75	32	1.9	110	220	75	1	650
4QGDa1.2-50-0.37	0.37	0.5	32	1.9	105	220	100	1	562
4QGDa1.8-50-0.55	0.55	0.75	45	2.7	120	220	100	1	591
4QGDa1.8-60-0.75	0.75	1	45	2.7	135	220	100	1	606
4QGDa1.2-100-1.1	1.1	1.5	40	2.4	170	220	100	1	565
4QGDa1.5-120-1.5	1.5	2	50	3	190	220	100	1	686

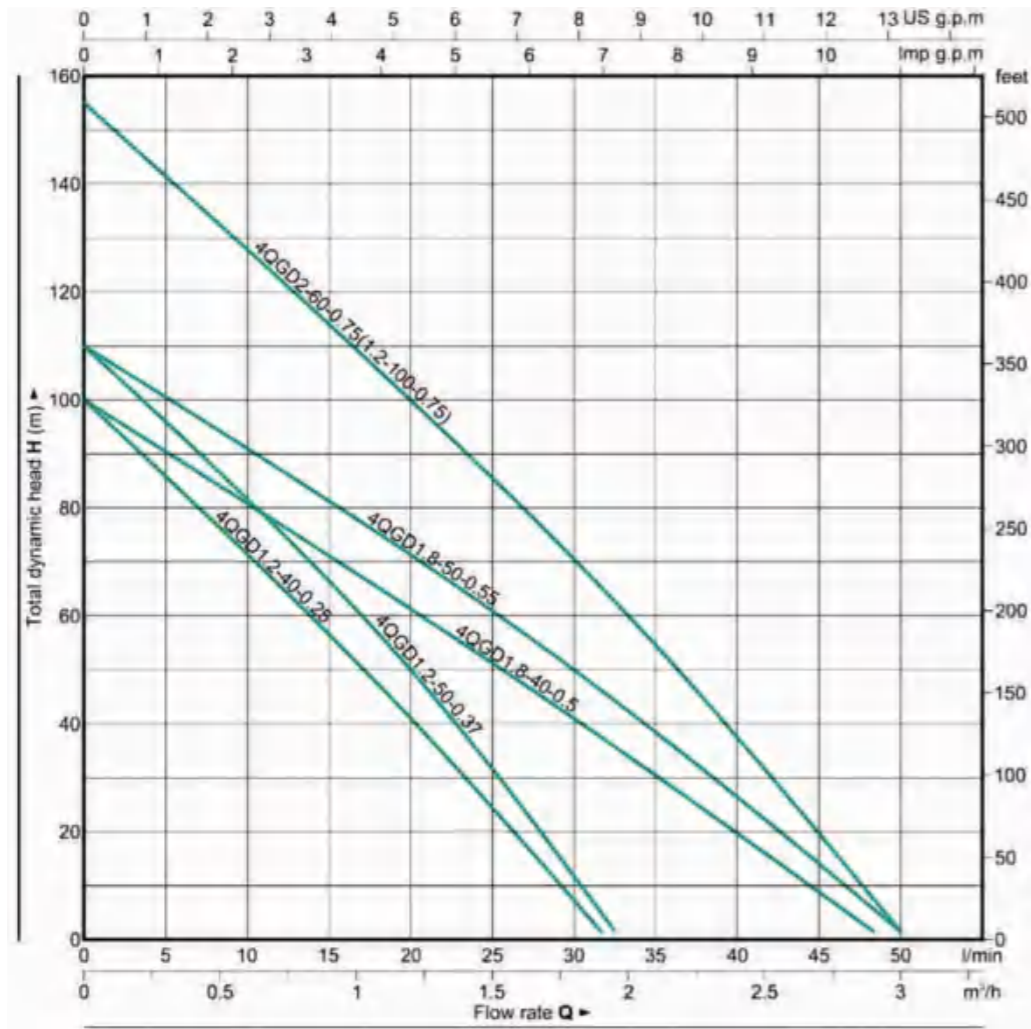
QGD Series (2QGD & 3QGD & 3.5QGD)



PERFORMANCE DATA 50Hz rpm≈2850 1/min

MODEL	P ₂		Max.FLOW		Max.Head (m)	Voltage (V)	Max.Dia (mm)	Outlet (Inch)	Length (mm)
	KW	HP	l/min	m³/h					
2QGD0.3-30-1.8	0.18	0.25	17	1	55	220	52	½	633
3QGD1.25-0.25	0.25	0.33	28	1.7	70	220	76	1	577
3QGD1.2-30-0.37	0.37	0.5	30	1.8	90	220	76	1	607
3QGD1.2-50-0.55	0.55	0.75	32	1.9	110	220	76	1	647
3.5QGD1-30-0.18	0.18	0.25	25	1.5	85	220	90	1	512
3.5QGD1-40-0.25	0.25	0.33	25	1.5	95	220	90	1	522
3.5QGD1-50-0.37	0.37	0.5	30	1.8	95	220	90	1	532
3.5QGD1.8-40-0.55	0.55	0.75	43	2.6	110	220	90	1	571
3.5QGD1.8-50-0.75	0.75	1	43	2.6	125	220	90	1	596

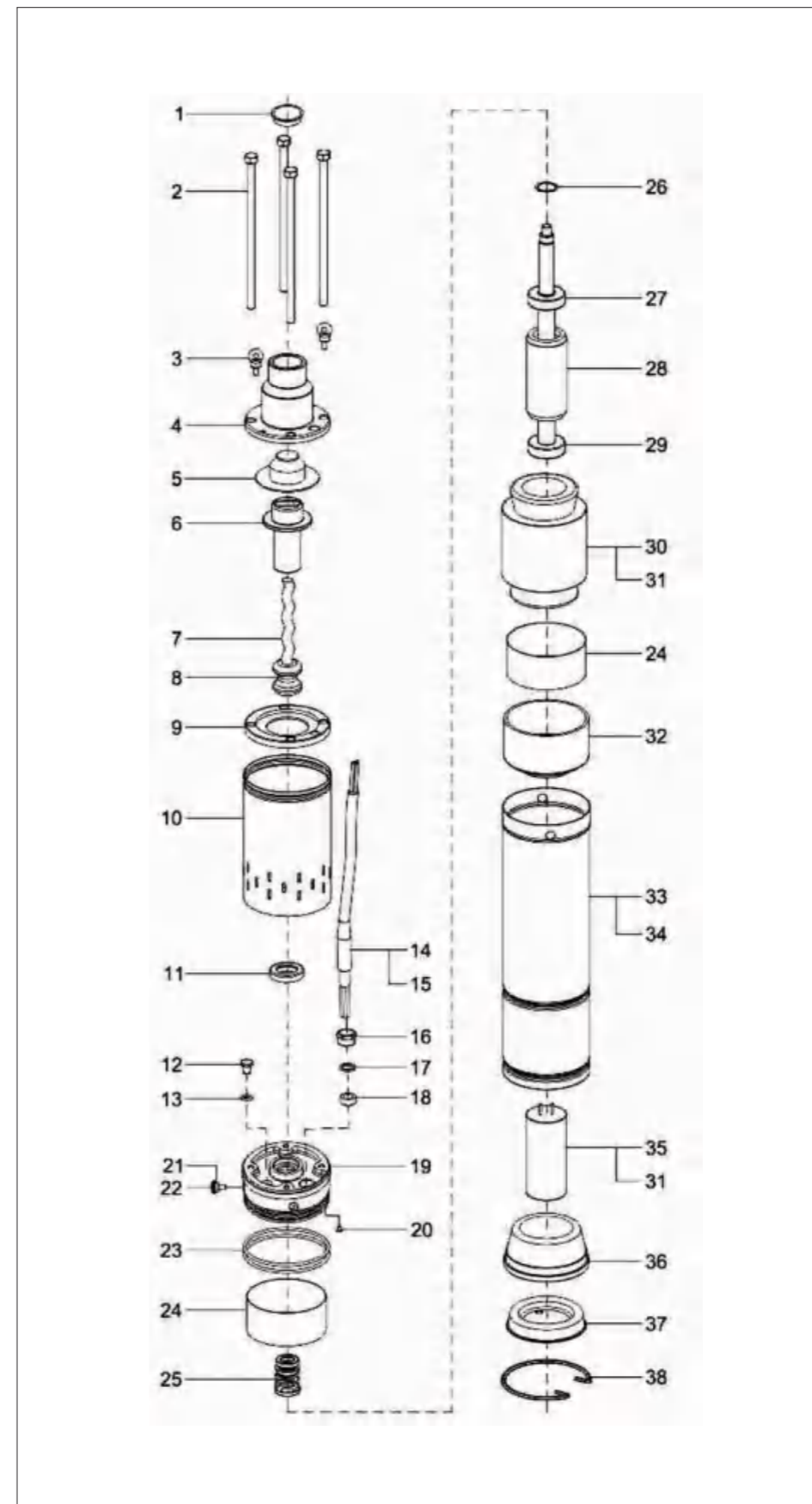
QGDa Series (3QGDa & 4QGDa)



PERFORMANCE DATA 50Hz rpm≈2850 1/min

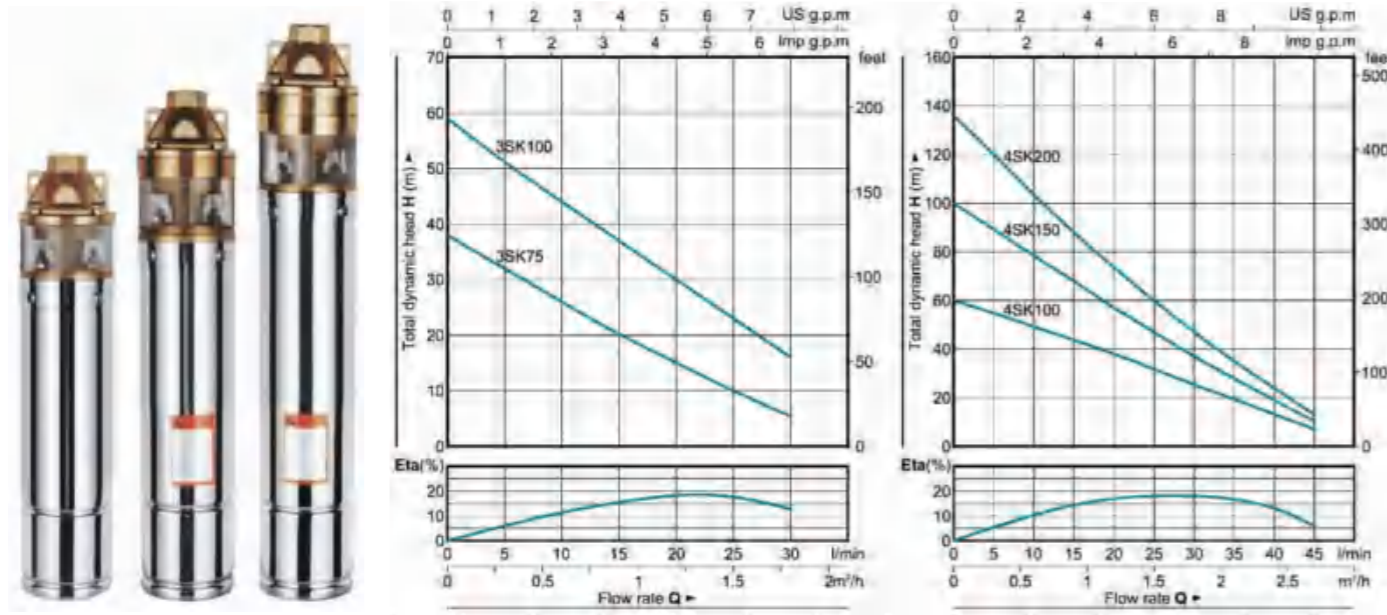
MODEL	P ₂		Max.FLOW		Max.Head (m)	Voltage (V)	Max.Dia (mm)	Outlet (Inch)	Length (mm)
	KW	HP	l/min	m ³ /h					
4QGD1.2-40-0.25	0.25	0.33	32	1.9	100	220	102(96)	1	523(513)
4QGD1.2-50-0.37	0.37	0.5	32	1.9	110	220	102(96)	1	536(526)
4QGD1.8-40-0.5	0.5	0.7	48	2.9	100	220	102(96)	1	566(556)
4QGD1.8-50-0.55	0.55	0.75	48	2.9	110	220	102(96)	1	576(566)
4QGD2-60-0.75	0.75	1	48	2.9	155	220	102(96)	1	608(598)
4QGD1.2-100-0.75	0.75	1	48	2.9	155	220	102(96)	1	608(598)

QGD Breakdown Diagram



Number	Name
1	Pump Cover
2	Bolt
3	Pull ring
4	Outlet
5	Sand proof sleeve
6	Screw sleeve
7	Screw
8	Coupling
9	Fixed splint
10	Inlet section
11	Framework oil seal
12	Grease screw
13	"O" -ring
14	Cable
15	Cable sheath
16	Cable nut
17	Cable gasket
18	Cable bushing
19	Oil chamber
20	Screw
21	Locking ring
22	Screw
23	"O" Ring
24	Insulation paper
25	Mechanical seal
26	Gasket
27	Bearing
28	Rotor
29	Bearing
30	Stator
31	Insulating bush
32	Down bearing seat
33	Motor pipe
34	Oil
35	Capacitor
36	Rubber cup
37	End cover
38	Clamping spring

SK Series (3SK & 4SK)



PERFORMANCE DATA 50HZ

Outlet:G1"

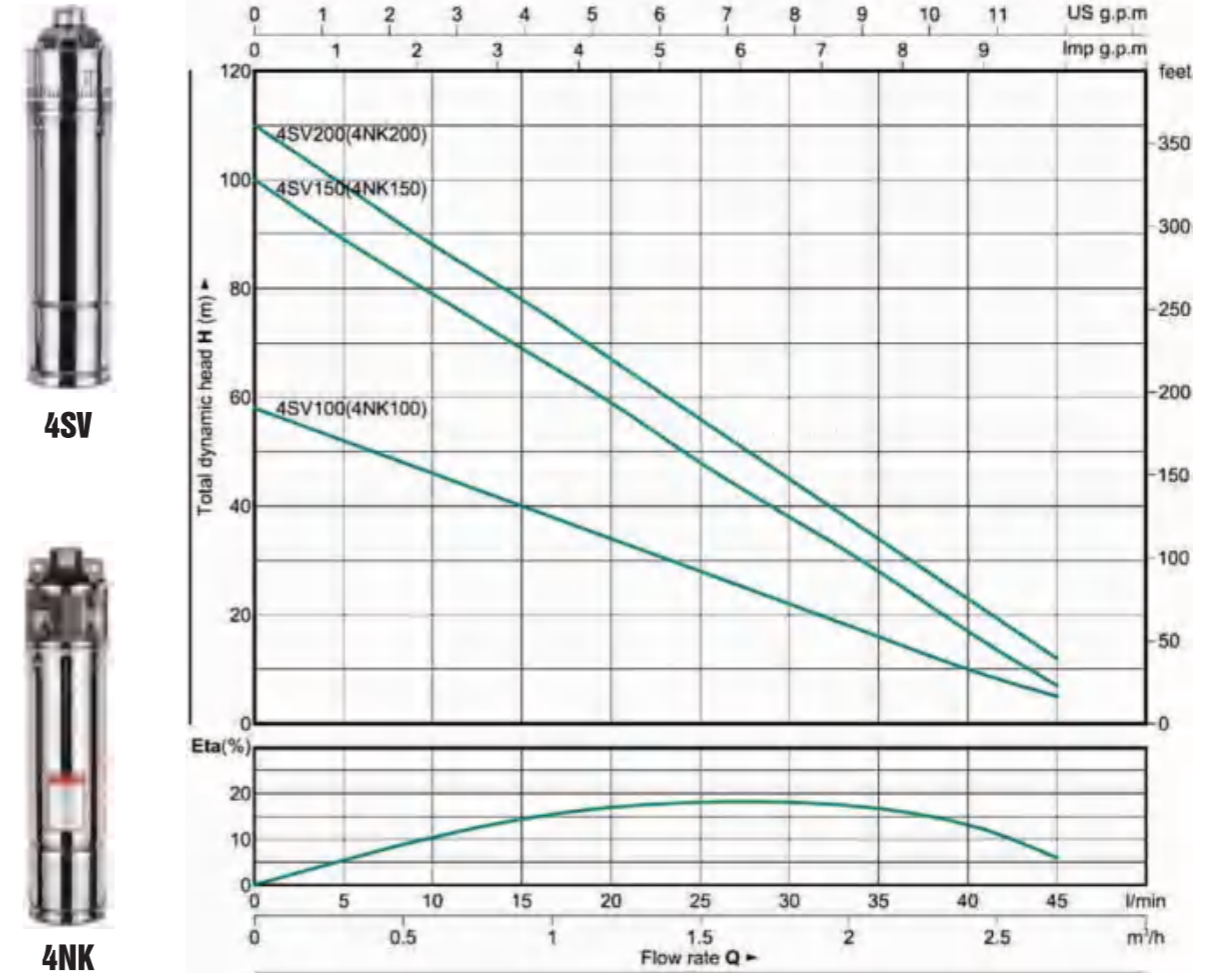
MODEL		P ₂		DELIVERY n≈2850 1/min								
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8
					l/min	0	5	10	15	20	25	30
3SKM75	3SK75	0.55	0.75	H(m)		38	32	26	20	15	10	5
3SKM100	3SK100	0.75	1			59	51	44	37	30	23	16

PERFORMANCE DATA 50HZ

Outlet:G1"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7
					l/min	0	5	10	15	20	25	30	35	40	45
4SKM100	4SK100	0.75	1	H(m)		60	55	49	44	38	32	25	19	13	7
4SKM150	4SK150	1.1	1.5			100	89	78	68	57	47	37	28	19	10
4SKM200	4SK200	1.5	2			135	120	103	88	74	60	47	35	24	13

4SV & 4NK Series

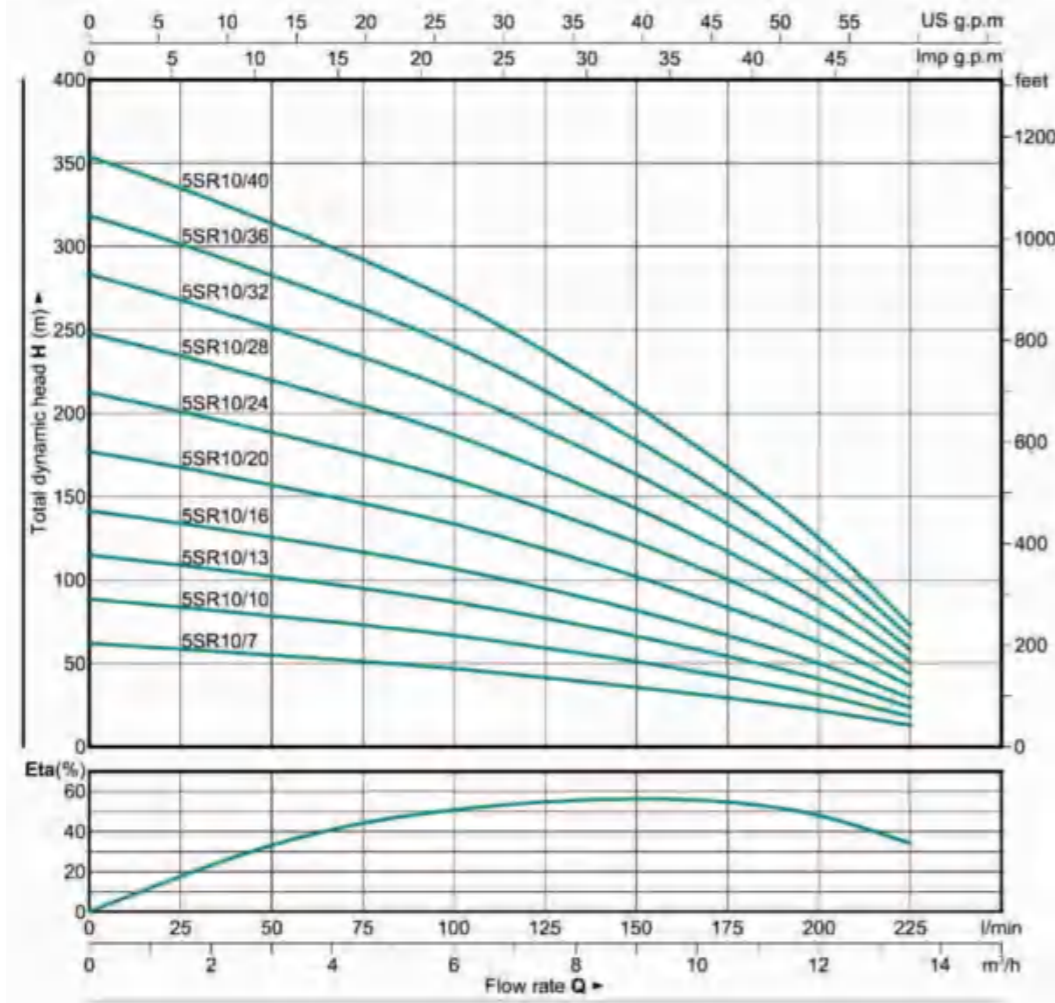


PERFORMANCE DATA 50HZ

Outlet:G1"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	
					l/min	0	5	10	15	20	25	30	35	40	45	
4SVM100 4NKM100	4SV100 4NK100	0.75	1	H(m)		58	52	46	40	34	28	22	16	10	5	
4SVM150 4NKM150	4SV150 4NK150	1.1	1.5			100	89	79	69	59	48	38	28	17	7	
4SVM200 4NKM200	4SV200 4NK200	1.5	2			110	99	88	78	67	56	45	34	23	12	

5SR Series (5SR10)



PERFORMANCE DATA 50HZ

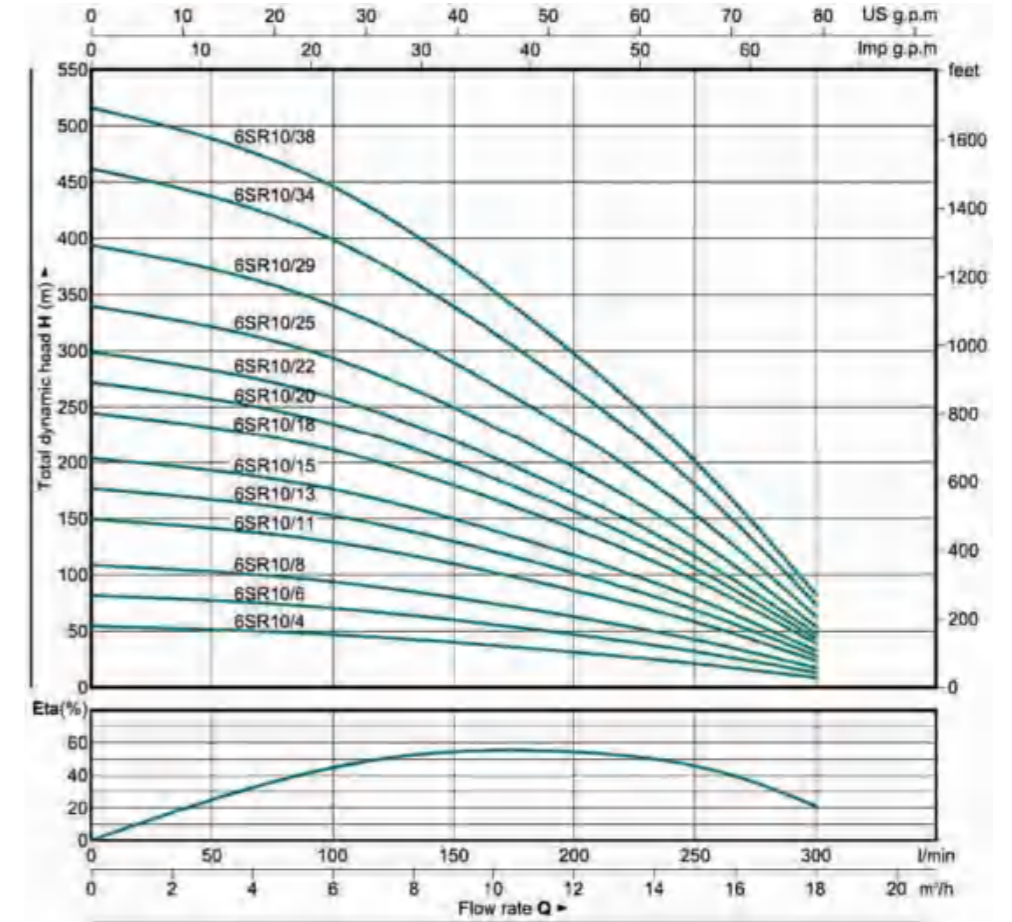
Outlet:G2"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~220V-240V	3~380-415V	KW	HP	Q	H(m)											
					m³/h	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5	
				l/min	0	25	50	75	100	125	150	175	200	225		
5SRM10/7	5SR10/7	1.5	2	H(m)	62	59	55	51	47	41	36	29	22	13		
5SRM10/10	5SR10/10	2.2	3		89	84	79	73	67	59	51	42	31	18		
5SRM10/13	5SR10/13	3	4		115	109	102	95	87	77	66	54	41	24		
5SRM10/16	5SR10/16	4	5.5		142	134	126	117	107	95	82	67	50	29		
—	5SR10/20	5.5	7.5		177	168	157	146	134	119	102	83	62	36		
—	5SR10/24	5.5	7.5		212	201	188	175	160	142	122	100	75	44		
—	5SR10/28	7.5	10		248	235	220	204	187	166	143	117	88	51		
—	5SR10/32	7.5	10		283	268	251	234	214	190	163	134	100	58		
—	5SR10/36	9.2	12.5		319	302	283	263	240	213	184	150	113	66		
—	5SR10/40	9.2	12.5		354	335	314	292	267	237	204	167	125	73		

6SR Series (6SR10)



(≤15kW) (All power)

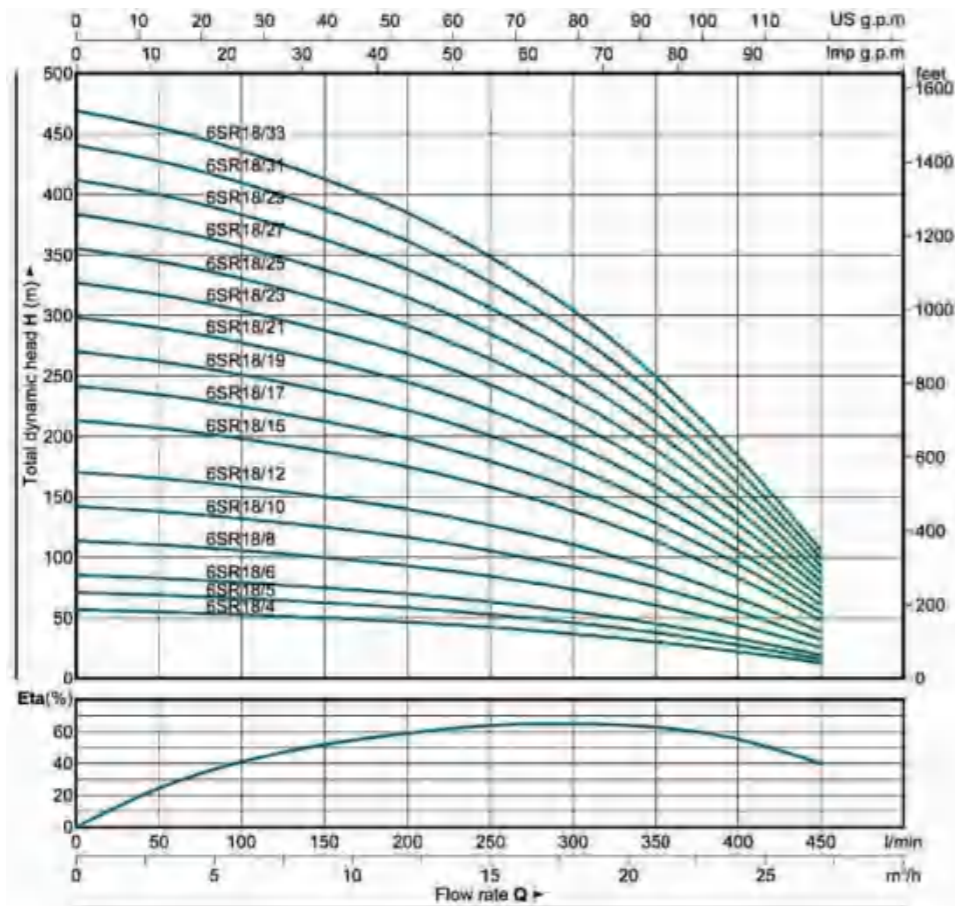


PERFORMANCE DATA 50HZ

Outlet:G2½"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~220V-240V	3~380-415V	KW	HP	Q	H(m)											
					m³/h	0	3	6	9	12	15	18				
				l/min	0	50	100	150	200	250	300					
6SRM10/4	6SR10/4	2.2	3	H(m)	54	51	47	40	31	21	9					
6SRM10/6	6SR10/6	3	4		82	77	70	60	47	32	13					
6SRM10/8	6SR10/8	4	5.5		109	103	94	80	63	42	17					
6SRM10/11	6SR10/11	5.5	7.5		149	141	129	110	86	58	24					
—	6SR10/13	7.5	10		177	167	153	130	102	69	28					
—	6SR10/15	7.5	10		204	193	176	150	117	79	33					
—	6SR10/18	9.2	12.5		245	231	211	180	141	95	39					
—	6SR10/20	11	15		272	257	235	200	157	106	43					
—	6SR10/22	11	15		299	283	258	219	172	116	48					
—	6SR10/25	13	17.5		340	321	293	249	196	132	54					
—	6SR10/29	15	20		394	373	340	289	227	153	63					
—	6SR10/34	18.5	25		462	437	399	339	266	180	74					
—	6SR10/38	18.5	25		516	488	446	379	298	201	82					

6SR18

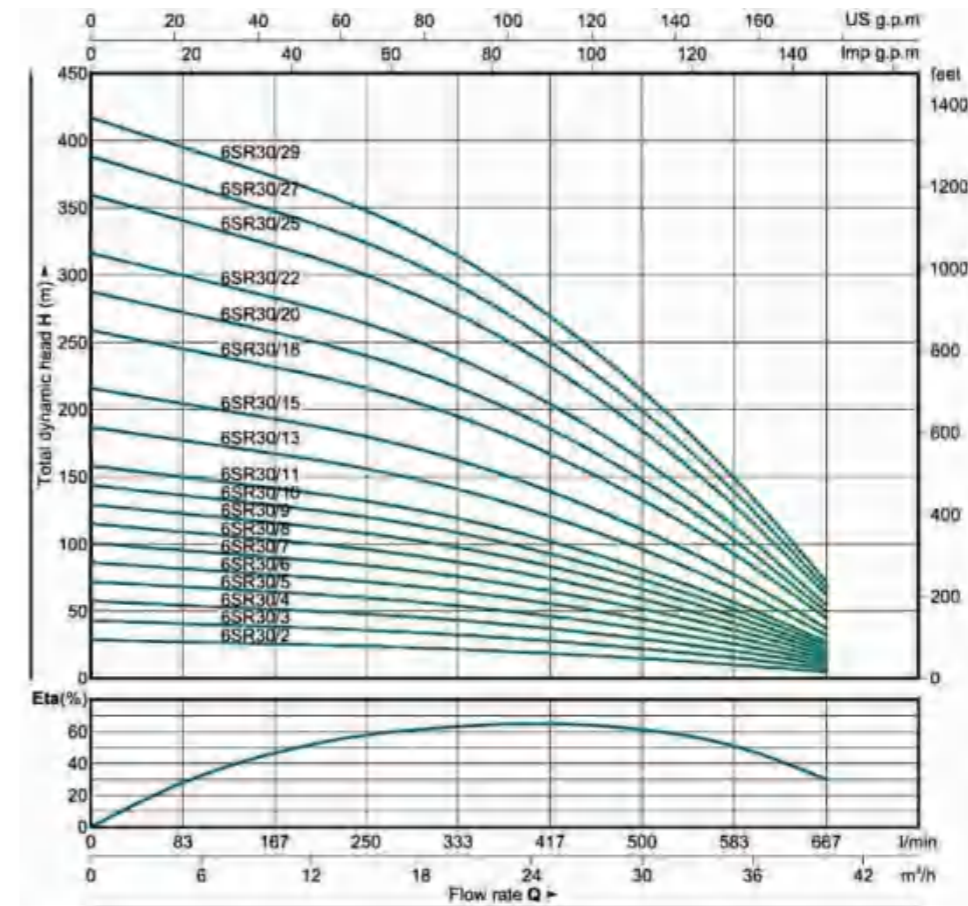


PERFORMANCE DATA 50HZ

Outlet:G2½"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min											
1~220V-240V	3~380-415V	KW	HP	Q	m³/h	0	3	6	9	12	15	18	21	24	27
					l/min	0	50	100	150	200	250	300	350	400	450
6SRM18/4	6SR18/4	2.2	3	H(m)		57	55	53	50	47	42	37	30	22	13
6SRM18/5	6SR18/5	3	4			71	69	66	62	58	53	46	38	28	16
6SRM18/6	6SR18/6	4	5.5			85	83	79	75	70	63	55	45	33	19
6SRM18/8	6SR18/8	5.5	7.5			114	110	106	100	93	84	74	60	44	26
—	6SR18/10	7.5	10			142	138	132	125	117	106	92	76	56	32
—	6SR18/12	9.2	12.5			171	165	159	150	140	127	111	91	67	39
—	6SR18/15	11	15			213	207	198	188	175	158	138	113	83	48
—	6SR18/17	13	17.5			242	234	225	213	198	179	157	128	94	55
—	6SR18/19	15	20			270	262	251	237	222	201	175	144	105	61
—	6SR18/21	15	20			298	290	277	262	245	222	193	159	117	67
—	6SR18/23	18.5	25			327	317	304	287	268	243	212	174	128	74
—	6SR18/25	18.5	25			355	345	330	312	291	264	230	189	139	80
—	6SR18/27	22	30			384	372	357	337	315	285	249	204	150	87
—	6SR18/29	22	30			412	400	383	362	338	306	267	219	161	93
—	6SR18/31	26	35			441	427	410	387	361	327	286	234	172	100
—	6SR18/33	26	35			469	455	436	413	385	348	304	249	183	106

6SR30

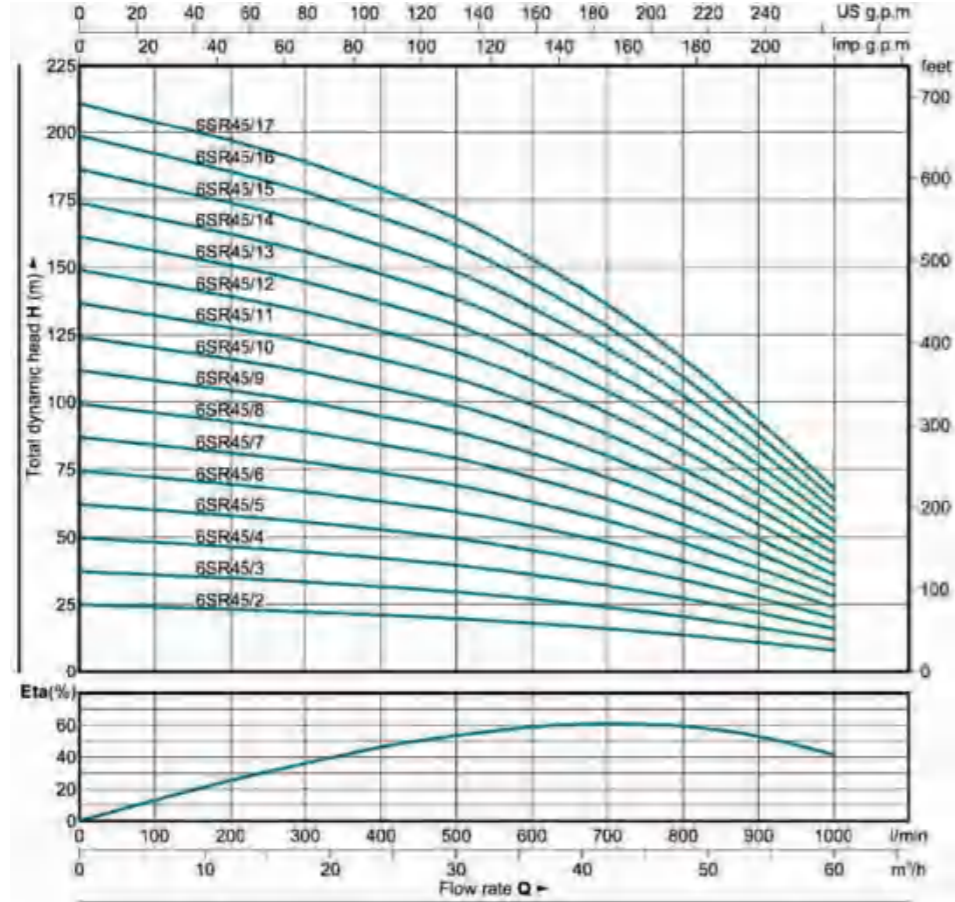


PERFORMANCE DATA 50HZ

Outlet:G2½"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min												
1~220V-240V	3~380-415V	KW	HP	Q	m³/h	0	5	10	15	20	25	30	35	40		
					l/min	0	83	167	250	333	417	500	583	667		
6SRM30/3	6SR30/3	2.2	3	H(m)		43	41	39	36	32	28	22	15	7		
6SRM30/4	6SR30/4	3	4			58	54	51	48	43	37	30	21	10		
6SRM30/5	6SR30/5	4	5.5			72	68	64	60	54	46	37	26	12		
6SRM30/6	6SR30/6	5.5	7.5			86	82	77	72	65	56	44	31	15		
—	6SR30/7	7.5	10			101	95	90	84	76	65	52	36	17		
—	6SR30/8	7.5	10			115	109	103	96	87	74	59	41	20		
—	6SR30/9	9.2	12.5			129	123	116	108	97	83	66	46	22		
—	6SR30/10	11	15			144	136	129	120	108	93	74	51	25		
—	6SR30/11	11	15			158	150	141	132	119	102	81	57	27		
—	6SR30/13	13	17.5			187	177	167	156	141	121	96	67	32		
—	6SR30/15	15	20			216	204	193	180	162	139	111	77	37		
—	6SR30/18	18.5	25			259	245	232	216	195	167	133	92	45		
—	6SR30/20	22	30			288	272	257	240	217	186	148	103	50		
—	6SR30/22	22	30			316	300	283	264	238	204	162	113	55		
—	6SR30/25	26	35			359	341	322	300	271	232	184	128	62		
—	6SR30/27	30	40			388	368	347	324	292	250	199	139	67		
—	6SR30/29	30	40		417	395	373	348	314	269	214	149	72			

6SR45

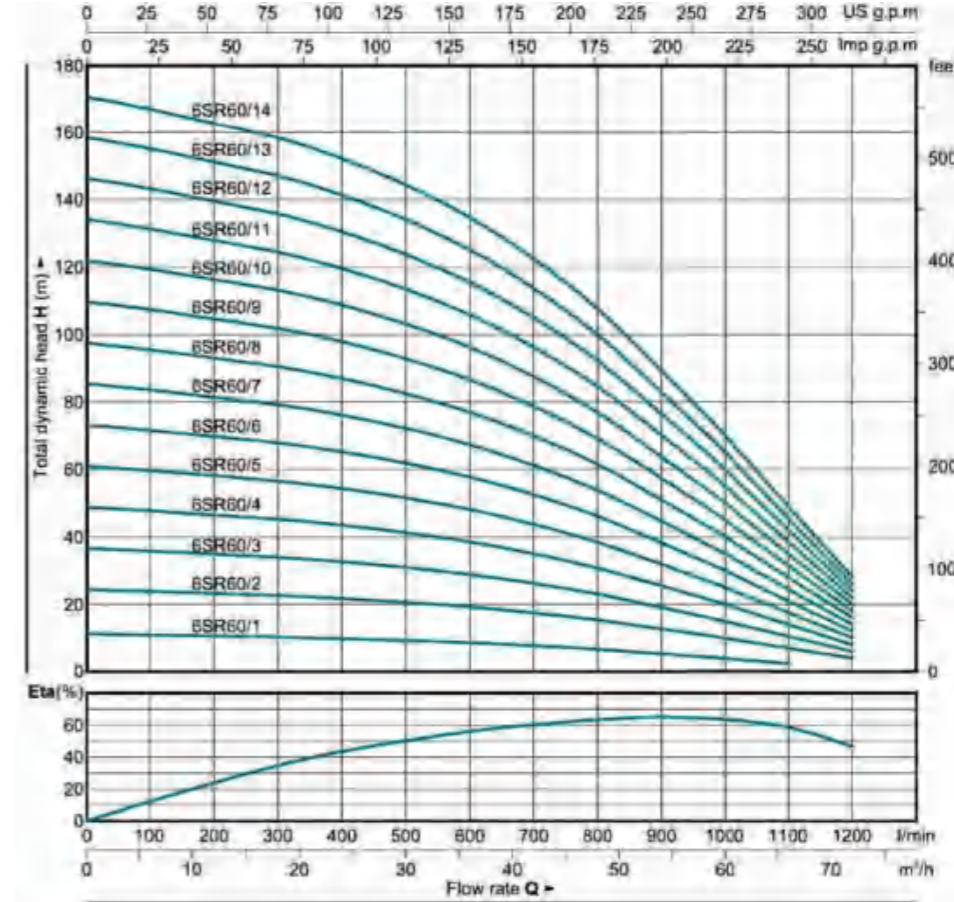


PERFORMANCE DATA 50HZ

Outlet:G2½"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	6	12	18	24	30	36	42	48	54	60	
					l/min	0	100	200	300	400	500	600	700	800	900	1000	
6SRM45/2	6SR45/2	3	4	H(m)	25	24	23	22	21	20	18	16	14	11	8		
6SRM45/3	6SR45/3	4	5.5		37	36	35	33	32	30	27	24	20	16	12		
6SRM45/4	6SR45/4	5.5	7.5		50	48	46	44	42	40	36	32	27	22	16		
—	6SR45/5	7.5	10		62	60	58	56	53	49	45	40	34	27	20		
—	6SR45/6	7.5	10		74	72	70	67	63	59	54	48	41	33	24		
—	6SR45/7	9.2	12.5		87	84	81	78	74	69	63	56	48	38	28		
—	6SR45/8	11	15		99	96	93	89	84	79	72	64	55	44	32		
—	6SR45/9	11	15		112	108	104	100	95	89	81	72	61	49	36		
—	6SR45/10	13	17.5		124	120	116	111	105	99	90	80	68	55	40		
—	6SR45/11	15	20		137	132	127	122	116	109	99	88	75	60	44		
—	6SR45/12	18.5	25		149	144	139	133	126	119	108	96	82	66	48		
—	6SR45/13	22	30		161	156	151	145	137	128	117	104	89	71	52		
—	6SR45/14	22	30		174	168	162	156	147	138	126	112	96	77	56		
—	6SR45/15	26	35		186	180	174	167	158	148	135	120	102	82	60		
—	6SR45/16	30	40		199	192	185	178	168	158	144	128	109	88	64		
—	6SR45/17	30	40		211	204	197	189	179	168	153	136	116	93	68		

6SR60



PERFORMANCE DATA 50HZ

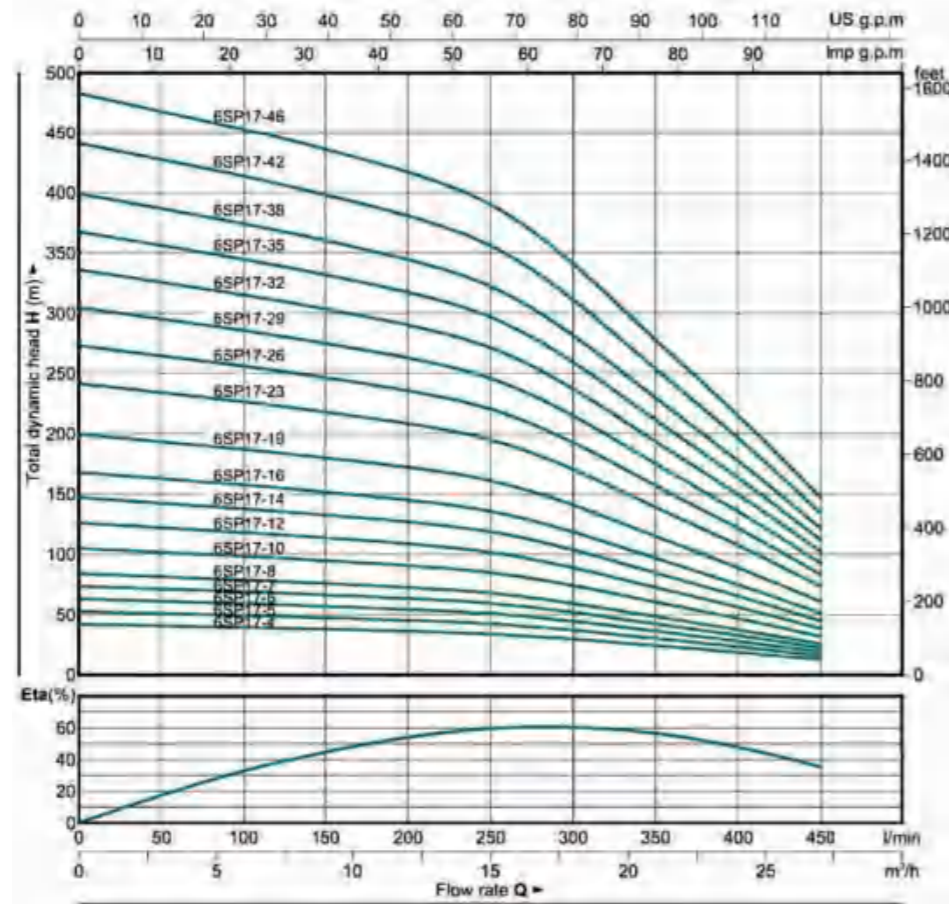
Outlet:G2½"~G3"

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h	0	6	12	18	24	30	36	42	48	54	60	66	72
					l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
6SRM60/1	6SR60/1	2.2	3	H(m)	11	11	11	10	10	9	9	8	7	5	4	3	2	
6SRM60/2	6SR60/2	4	5.5		24	24	23	23	22	21	19	18	15	13	10	7	4	
6SRM60/3	6SR60/3	5.5	7.5		37	36	35	34	33	31	29	26	23	19	15	11	6	
—	6SR60/4	7.5	10		49	48	47	45	44	41	39	35	31	26	20	14	8	
—	6SR60/5	11	15		61	60	58	57	54	52	48	44	38	32	25	18	10	
—	6SR60/6	13	17.5		73	72	70	68	65	62	58	53	46	38	30	21	12	
—	6SR60/7	15	20		85	84	81	79	76	72	67	61	54	45	35	25	14	
—	6SR60/8	18.5	25		98	96	93	91	87	83	77	70	65	51	40	28	16	
—	6SR60/9	18.5	25		110	107	105	102	98	93	87	79	69	57	45	32	18	
—	6SR60/10	22	30		122	119	116	113	109	103	96	88	77	64	50	35	20	
—	6SR60/11	26	35		134	131	128	124	120	113	106	96	85	70	55	38	22	
—	6SR60/12	26	35		146	143	140	136	131	124	116	105	92	76	60	42	24	
—	6SR60/13	30	40		158	155	151	147	141	134	125	114	100	83	65	46	26	
—	6SR60/14	30	40		171	167	163	158	152	144	135	123	108	89	70	49	28	

6SP & 8SP Series (6SP17)



(≤15kW) (All power)

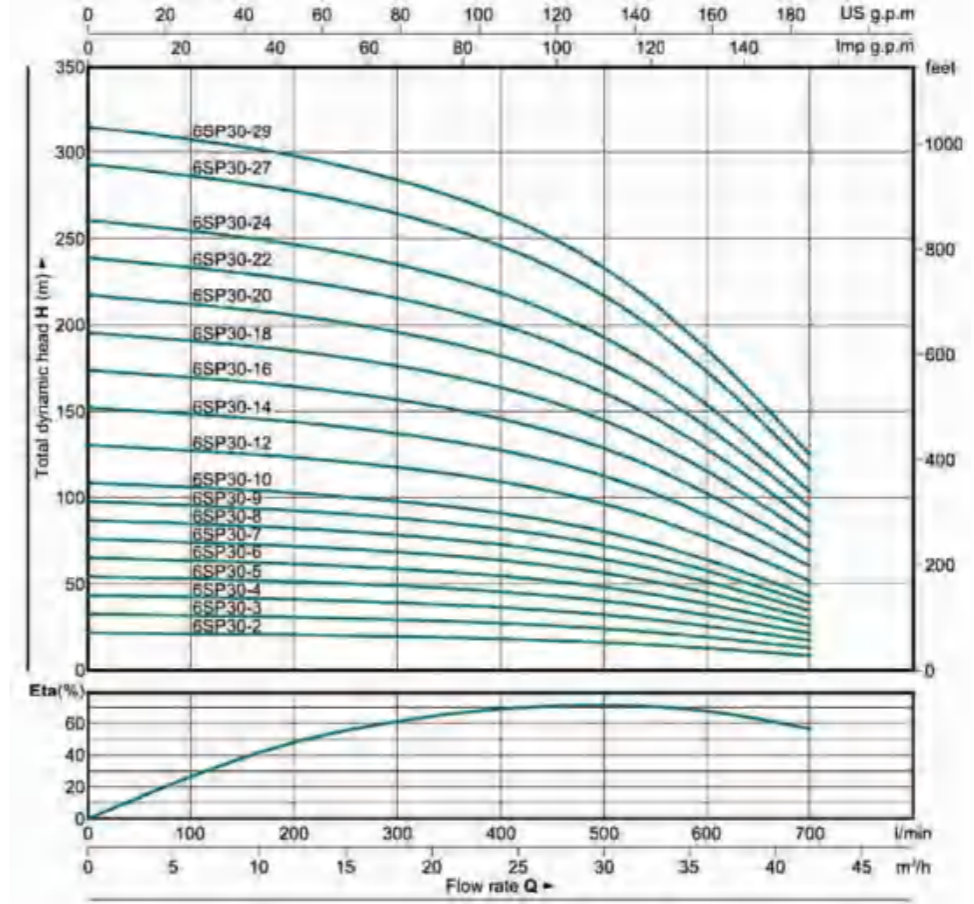


PERFORMANCE DATA 50HZ

Outlet: G2½" ~ G4"

MODEL		P ₂		DELIVERY n≈2850 1/min																	
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h		H(m)														
					0	l/min	0	50	100	150	200	250	300	350	400	450					
6SPM17-4	6SP17-4	2.2	3	H(m)	42	41	39	38	36	34	30	24	19	13							
6SPM17-5	6SP17-5	3	4		53	51	49	47	45	42	37	30	23	16							
6SPM17-6	6SP17-6	4	5.5		63	61	59	57	54	51	44	36	28	19							
6SPM17-7	6SP17-7	4	5.5		74	71	69	66	63	59	52	42	33	22							
6SPM17-8	6SP17-8	5.5	7.5		84	81	79	76	73	68	59	48	37	26							
6SPM17-10	6SP17-10	5.5	7.5		105	102	98	95	91	85	74	60	47	32							
—	6SP17-12	7.5	10		126	122	118	114	109	102	89	73	56	38							
—	6SP17-14	9.2	12.5		147	142	138	133	127	119	104	85	65	45							
—	6SP17-16	9.2	12.5		168	163	158	152	145	136	119	97	75	51							
—	6SP17-19	11	15		200	193	187	180	172	161	141	115	89	61							
—	6SP17-23	13	17.5		242	234	227	218	208	195	171	139	107	73							
—	6SP17-26	15	20		273	265	256	246	236	220	193	157	122	83							
—	6SP17-29	18.5	25		305	295	286	275	263	246	215	175	136	93							
—	6SP17-32	18.5	25		336	326	315	303	290	271	237	193	150	102							
—	6SP17-35	22	30		368	356	345	332	317	297	259	212	164	112							
—	6SP17-38	22	30		399	387	374	360	344	322	282	230	178	121							
—	6SP17-42	26	35		441	427	414	398	381	356	311	254	196	134							
—	6SP17-46	26	35	483	468	453	436	417	390	341	278	215	147								

6SP30

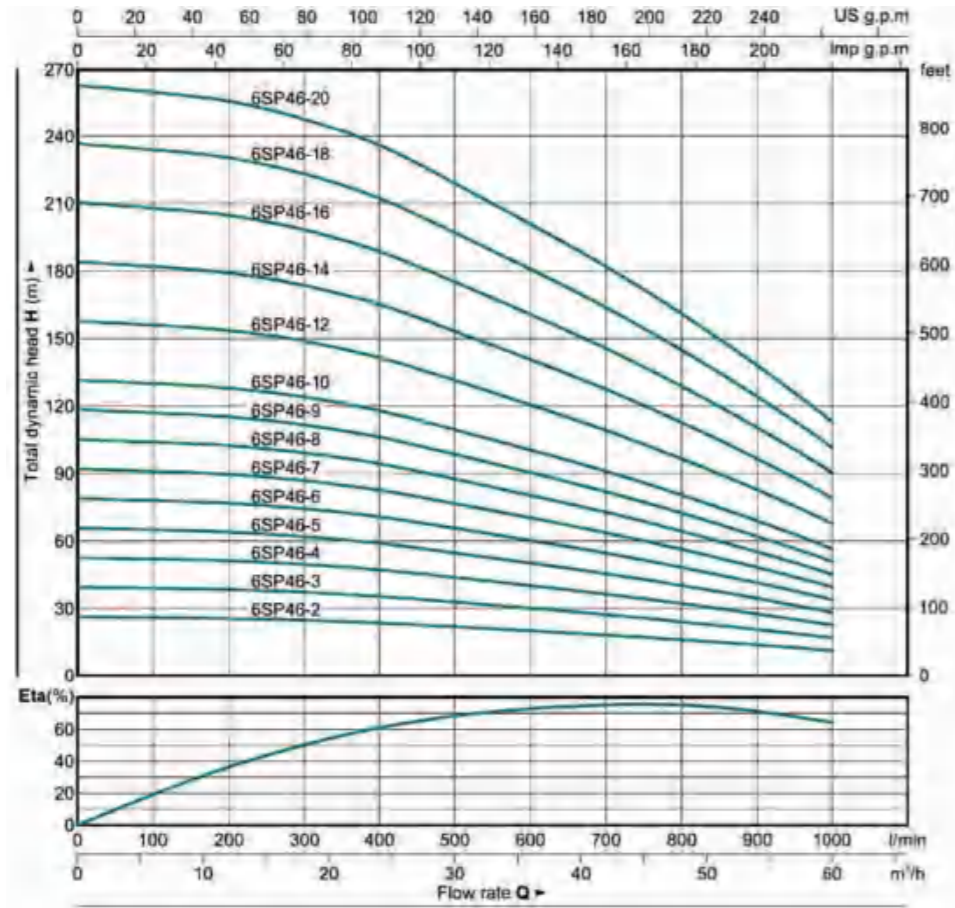


PERFORMANCE DATA 50HZ

Outlet: G2½" ~ G4"

MODEL		P ₂		DELIVERY n≈2850 1/min																	
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m³/h		H(m)														
					0	l/min	0	100	200	300	400	500	600	700							
6SPM30-2	6SP30-2	2.2	3	H(m)	22	21	21	20	18	16	13	9									
6SPM30-3	6SP30-3	3	4		33	32	31	29	27	24	19	13									
6SPM30-4	6SP30-4	4	5.5		43	42	41	39	36	32	26	17									
6SPM30-5	6SP30-5	5.5	7.5		54	53	51	49	46	40	32	22									
6SPM30-6	6SP30-6	5.5	7.5		65	64	62	59	55	48	38	26									
—	6SP30-7	7.5	10		76	74	72	69	64	56	45	30									
—	6SP30-8	7.5	10		87	85	82	78	73	64	51	34									
—	6SP30-9	9.2	12.5		98	95	92	88	82	72	58	39									
—	6SP30-10	9.2	12.5		109	106	103	98	91	80	64	43									
—	6SP30-12	11	15		130	127	123	118	109	96	77	52									
—	6SP30-14	13	17.5		152	148	144	137	127	112	90	60									
—	6SP30-16	15	20		174	170	164	157	146	129	103	69									
—	6SP30-18	18.5	25		196	191	185	176	164	145	115	78									
—	6SP30-20	22	30		217	212	206	196	182	161	128	86									
—	6SP30-22	22	30		239	233	226	215	200	177	141	95									
—	6SP30-24	26	35		261	254	247	235	218	193	154	103									
—	6SP30-27	30	40		293	286	277	264	246	217	173	116									
—	6SP30-29	30	40	315	308	298	284	264	233	186	125										

6SP46

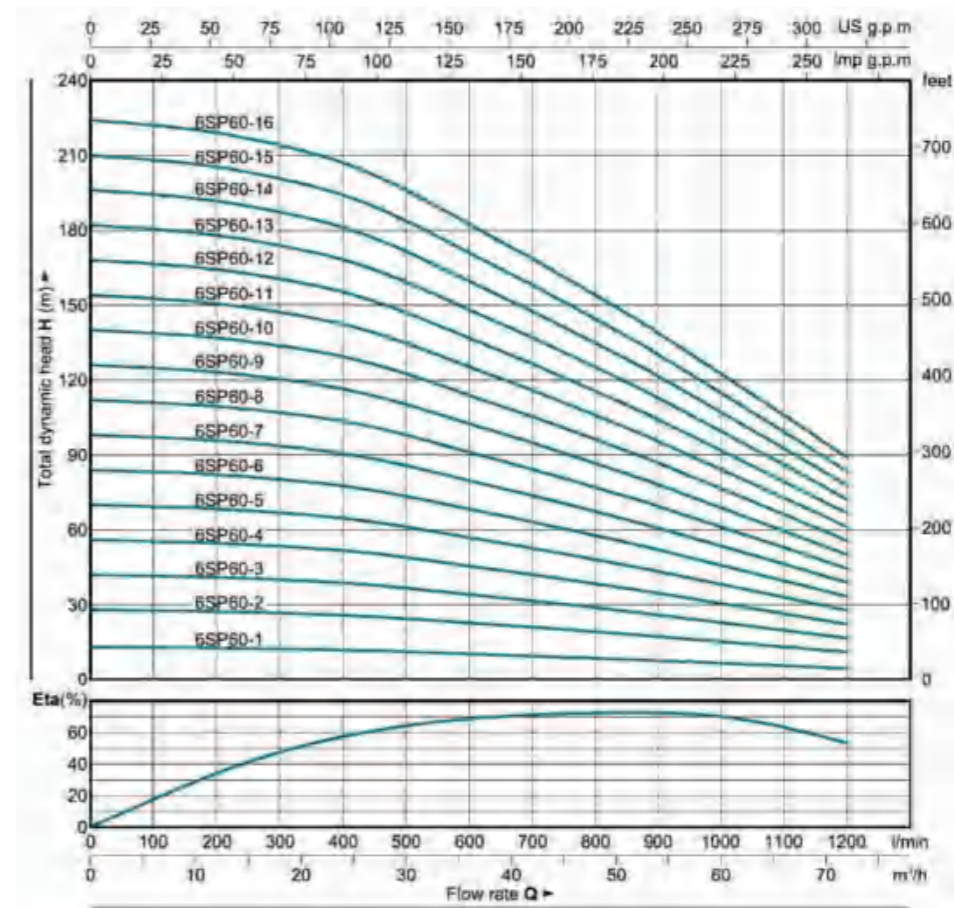


PERFORMANCE DATA 50HZ

Outlet:G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min													
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m ³ /h	0	6	12	18	24	30	36	42	48	54	60	
					l/min	0	100	200	300	400	500	600	700	800	900	1000	
6SPM46-2	6SP46-2	3	4	H(m)	26	26	26	25	24	22	20	18	16	14	11		
6SPM46-3	6SP46-3	4	5.5		39	39	38	37	35	33	30	27	24	21	17		
6SPM46-4	6SP46-4	5.5	7.5		53	52	51	50	47	44	40	36	32	28	23		
—	6SP46-5	7.5	10		66	65	64	62	59	55	50	45	40	34	28		
—	6SP46-6	9.2	12.5		79	78	77	74	71	66	60	55	48	41	34		
—	6SP46-7	11	15		92	91	90	87	83	77	70	64	56	48	40		
—	6SP46-8	13	17.5		105	104	102	99	94	88	80	73	64	55	45		
—	6SP46-9	15	20		118	117	115	112	106	99	90	82	72	62	51		
—	6SP46-10	15	20		132	130	128	124	118	110	101	91	80	69	56		
—	6SP46-12	18.5	25		158	156	154	149	142	131	121	109	97	83	68		
—	6SP46-14	22	30		184	182	179	174	165	153	141	127	113	97	79		
—	6SP46-16	26	35		210	208	205	198	189	175	161	146	129	110	90		
—	6SP46-18	30	40		237	234	230	223	212	197	181	164	145	124	102		
—	6SP46-20	30	40		263	260	256	248	236	219	201	182	161	138	113		

6SP60

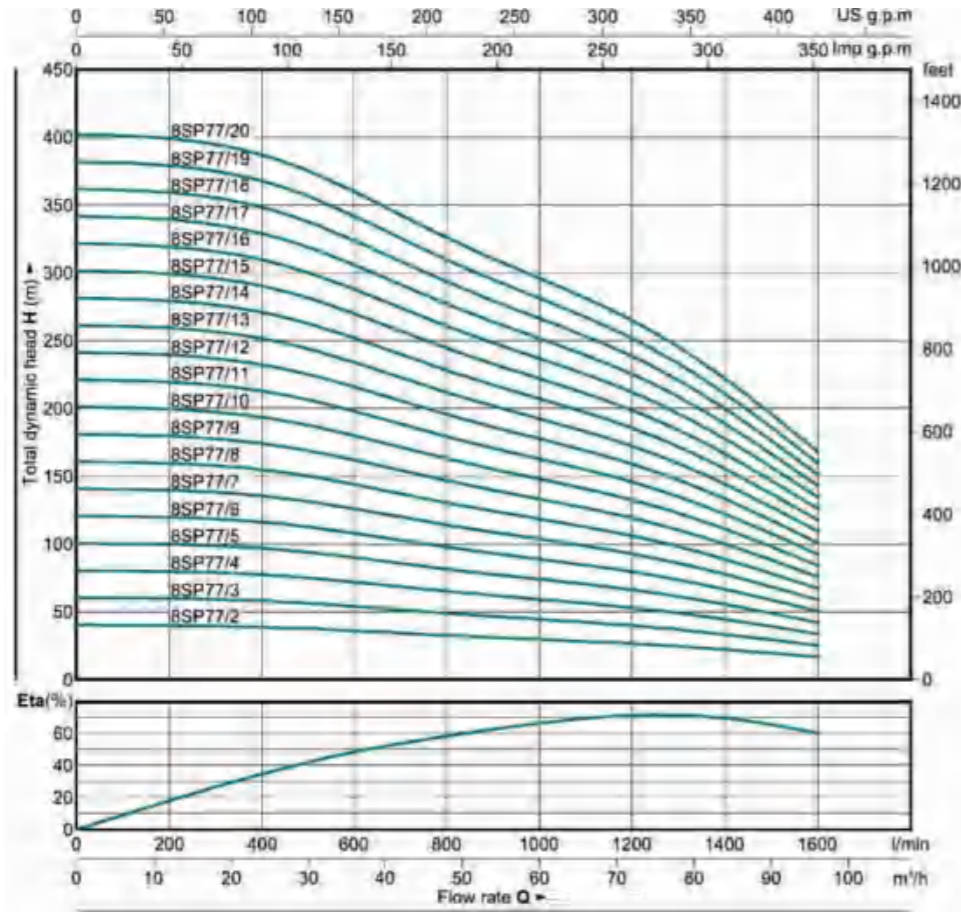


PERFORMANCE DATA 50HZ

Outlet:G2½"~G4"

MODEL		P ₂		DELIVERY n≈2850 1/min														
1~ 220V-240V	3~ 380-415V	KW	HP	Q	m ³ /h	0	6	12	18	24	30	36	42	48	54	60	66	72
					l/min	0	100	200	300	400	500	600	700	800	900	1000	1100	1200
6SPM60-1	6SP60-1	2.2	3	H(m)	13	13	13	12	12	11	10	10	9	8	7	6	5	
6SPM60-2	6SP60-2	4	5.5		28	28	27	27	26	25	23	21	19	17	15	13	11	
6SPM60-3	6SP60-3	5.5	7.5		42	42	41	40	39	37	34	32	29	26	23	20	17	
—	6SP60-4	7.5	10		56	56	55	54	52	49	46	42	39	35	31	27	22	
—	6SP60-5	9.2	12.5		70	69	68	67	65	61	57	53	48	43	38	33	28	
—	6SP60-6	11	15		84	83	82	80	78	74	68	63	58	52	46	40	33	
—	6SP60-7	13	17.5		98	97	96	94	91	86	80	74	67	61	54	46	39	
—	6SP60-8	15	20		112	111	110	107	104	98	91	84	77	70	61	53	45	
—	6SP60-9	18.5	25		126	125	123	120	116	110	103	95	87	78	69	60	50	
—	6SP60-10	18.5	25		140	139	137	134	129	123	114	105	96	87	77	66	56	
—	6SP60-11	22	30		154	153	151	147	142	135	125	116	106	96	84	73	61	
—	6SP60-12	22	30		168	167	164	161	155	147	137	126	116	104	92	80	67	
—	6SP60-13	26	35		182	180	178	174	168	159	148	137	125	113	100	86	72	
—	6SP60-14	26	35		196	194	192	187	181	172	160	148	135	122	107	93	78	
—	6SP60-15	30	40		210	208	205	201	194	184	171	158	144	130	115	99	83	
—	6SP60-16	30	40		224	222	219	214	207	196	182	169	154	139	123	106	89	

8SP77

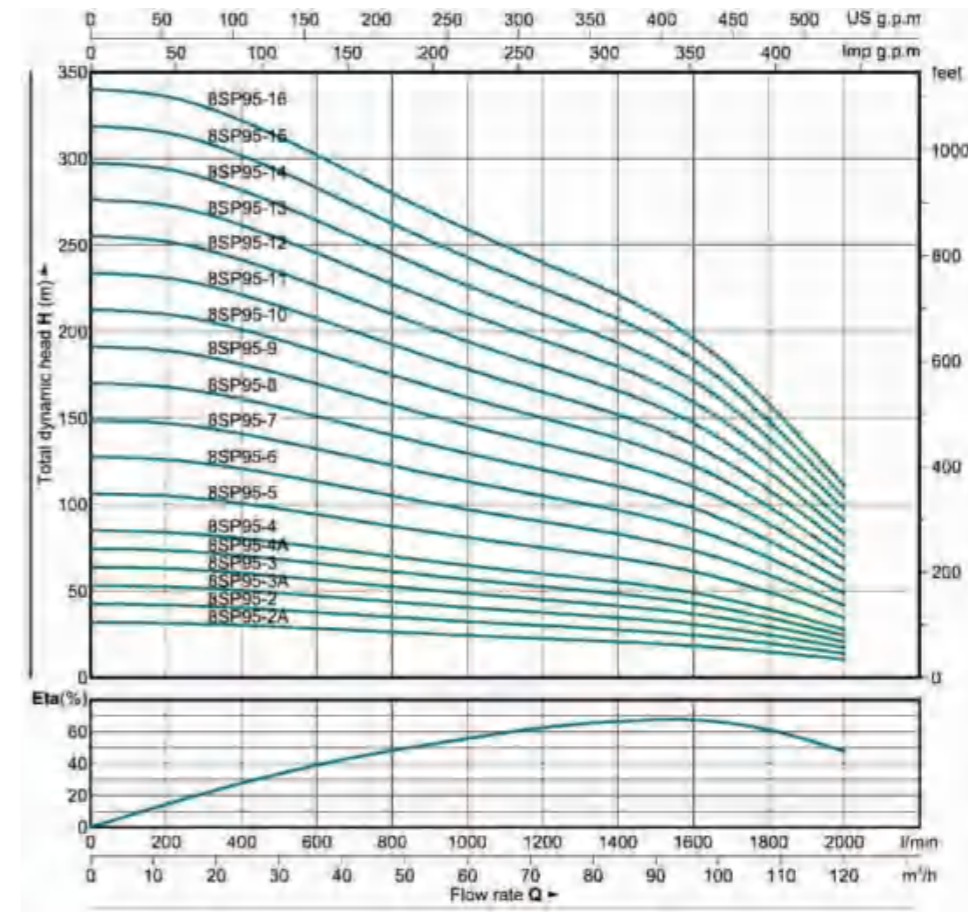


PERFORMANCE DATA 50HZ

Outlet:G5"

MODEL	P ₂		DELIVERY n≈2850 1/min										
	KW	HP	Q	m ³ /h	0	12	24	36	48	60	72	84	96
3~380-415V			l/min	l/min	0	200	400	600	800	1000	1200	1400	1600
8SP77/2	7.5	10		40	40	39	36	33	30	26	22	17	
8SP77/3	11	15		60	60	58	54	49	44	40	33	25	
8SP77/4	15	20		80	80	77	72	65	59	53	44	34	
8SP77/5	18.5	25		101	100	97	90	81	74	66	55	42	
8SP77/6	22	30		121	120	116	108	98	89	79	67	50	
8SP77/7	26	35		141	140	135	126	114	104	93	78	59	
8SP77/8	30	40		161	160	155	144	130	118	106	89	67	
8SP77/9	30	40		181	180	174	162	147	133	119	100	76	
8SP77/10	37	50		201	199	193	180	163	148	132	111	84	
8SP77/11	37	50	H(m)	221	219	213	198	179	163	146	122	92	
8SP77/12	45	60		241	239	232	216	196	178	159	133	101	
8SP77/13	55	75		261	259	252	234	212	192	172	144	109	
8SP77/14	55	75		281	279	271	252	228	207	185	155	118	
8SP77/15	55	75		302	299	290	270	244	222	199	166	126	
8SP77/16	63	85		322	319	310	288	261	237	212	178	134	
8SP77/17	63	85		342	339	329	306	277	252	225	189	143	
8SP77/18	63	85		362	359	348	324	293	266	239	200	151	
8SP77/19	75	100		382	379	368	342	310	281	252	211	160	
8SP77/20	75	100		402	399	387	360	326	296	265	222	168	

8SP95



PERFORMANCE DATA 50HZ

Outlet:G5"

MODEL	P ₂		DELIVERY n≈2850 1/min													
	KW	HP	Q	m ³ /h	0	12	24	36	48	60	72	84	96	108	120	
3~380-415V			l/min	l/min	0	200	400	600	800	1000	1200	1400	1600	1800	2000	
8SP95-2A	7.5	10		32	32	30	28	26	24	23	21	18	15	10		
8SP95-2	9.2	12.5		43	42	40	38	35	32	30	28	25	20	14		
8SP95-3A	11	15		53	53	50	47	44	40	38	35	31	25	17		
8SP95-3	13	17.5		64	63	60	57	53	49	45	41	37	30	21		
8SP95-4A	15	20		74	74	70	66	61	57	53	48	43	35	24		
8SP95-4	18.5	25		85	84	81	76	70	65	60	55	49	40	28		
8SP95-5	22	30		106	105	101	94	88	81	75	69	61	49	35		
8SP95-6	26	35		128	126	121	113	105	97	90	83	74	59	42		
8SP95-7	30	40		149	147	141	132	123	113	105	97	86	69	49		
8SP95-8	37	50	H(m)	170	168	161	151	140	130	120	111	98	79	56		
8SP95-9	37	50		191	189	181	170	158	146	135	124	110	89	62		
8SP95-10	45	60		213	210	201	189	175	162	150	138	123	99	69		
8SP95-11	55	75		234	231	221	208	193	178	165	152	135	109	76		
8SP95-12	55	75		255	252	242	227	210	194	180	166	147	119	83		
8SP95-13	63	85		276	273	262	245	228	210	195	180	159	128	90		
8SP95-14	63	85		298	294	282	264	245	227	210	193	172	138	97		
8SP95-15	75	100		319	315	302	283	263	243	225	207	184	148	104		
8SP95-16	75	100		340	336	322	302	280	259	240	221	196	158	111		