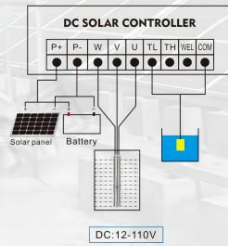
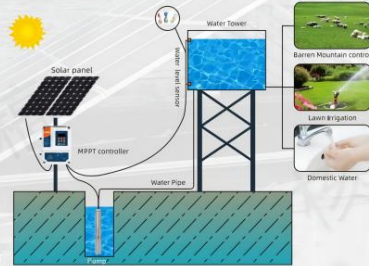


DC SUBMERSIBLE PUMP

1. Permanent magnet DC brushless synchronous motor: The efficiency is increased by 15% - 20%, saving energy consumption.
2. The whole 304 stainless steel rotor shaft avoids the risk of shaft breakage.
3. Brass/Stainless steel outlet/connector/ oil cylinder, with better corrosion resistance.
4. Japanese NSK bearing, longer working life.
5. Double bearing structure at the bottom of rotor, using angular contact bearing, can withstand greater axial pressure.
6. Silicon carbide-impregnated graphite mechanical seal, long service life and reliable operation.
7. 180°C high temperature resistant copper wire, insulation class F.
8. Cold rolled 600 silicon steel sheet stator and rotor.
9. The magnet is made of 40SH aluminum iron boron, with a temperature resistance of 150°C.
10. 304 S/S pump shaft.
11. 2 years warranty.



Controller:

- (1) Waterproof grade: IP65
- (2) Wide open circuit voltage range
- (3) Ambient temperature: -15°C~60°C
- (4) Sleep function, the solar power utilization rate is higher.
- (5) LED displays the power, voltage, current, speed etc working condition.
- (6) It can automatically adjust the speed for operation according to the sunlight power, and can also manually adjust the speed for operation according to the actual demand.
- (7) Automatic startup and shutdown, without personnel on duty.
- (8) Soft start: No impulse current; protect the pump motor.
- (9) Over-voltage/undervoltage/over-current/phase loss/short circuit/water shortage/high temperature protection etc.



DC controller



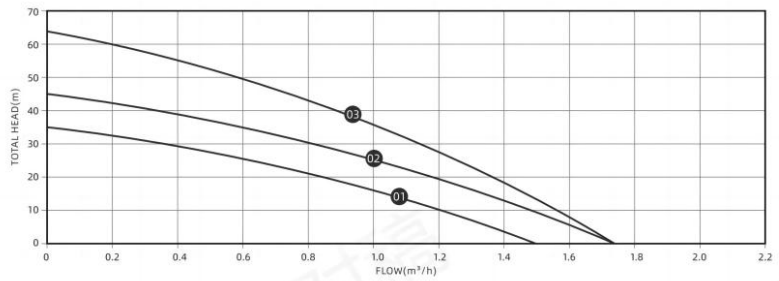
AC/DC hybrid controller

Ruibang Pump Industry



DC controller

HYDRAULIC PERFORMANCE CURVES



ACCESSORIES

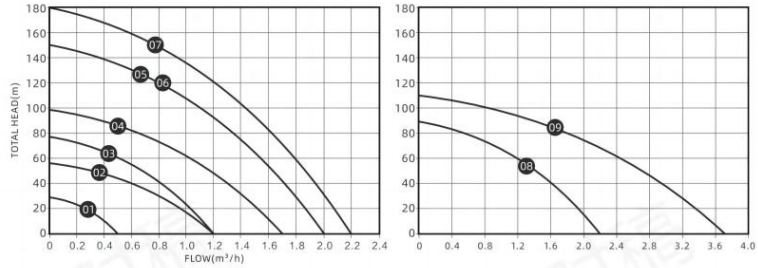


TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	2RDC1.5-35-24-200	24V	30V-48V	200W	1.5m³/h	35m	0.75"	2m	<55V	≥1.3*PUMP POWER
02	2RDC1.7-45-24-300	24V	30V-48V	300W	1.7m³/h	45m	0.75"	2m	<55V	≥1.3*PUMP POWER
03	2RDC1.7-64-48-400	48V	60V-90V	400W	1.7m³/h	64m	0.75"	2m	<105V	≥1.3*PUMP POWER



HYDRAULIC PERFORMANCE CURVES

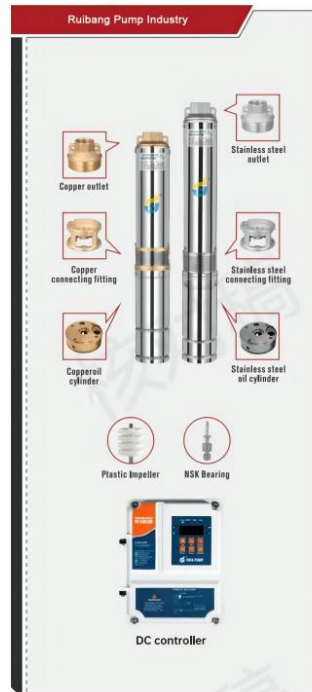


ACCESSORIES

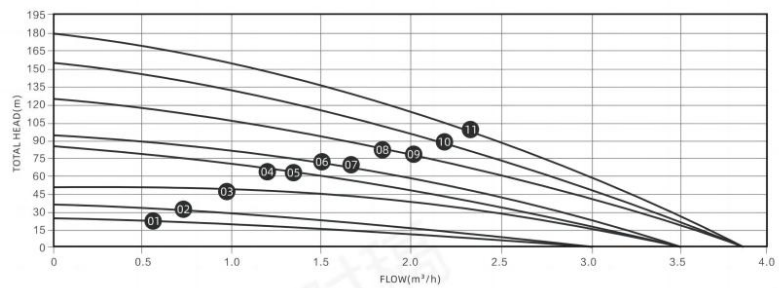


TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	3RDS0.5-28-12-80	12V	20V-36V	80W	0.5m ³ /h	28m	0.75"	2m	<55V	≥1.3*PUMP POWER
02	3RDS1.2-56-24-120	24V	30V-48V	120W	1.2m ³ /h	56m	0.75"	2m	<55V	≥1.3*PUMP POWER
03	3RDS1.2-77-36-210	36V	30V-48V	210W	1.2m ³ /h	77m	0.75"	2m	<55V	≥1.3*PUMP POWER
04	3RDS1.7-109-48-500	48V	60V-90V	500W	1.7m ³ /h	109m	0.75"	2m	<105V	≥1.3*PUMP POWER
05	3RDS2.0-150-48-750	48V	60V-90V	750W	2.0m ³ /h	150m	0.75"	2m	<105V	≥1.3*PUMP POWER
06	3RDS2.0-150-72-750	72V	90V-120V	750W	2.0m ³ /h	150m	0.75"	2m	<160V	≥1.3*PUMP POWER
07	3RDS2.2-180-72-1100	72V	90V-120V	1100W	2.2m ³ /h	180m	0.75"	2m	<160V	≥1.3*PUMP POWER
08	4RDS2.2-88-48-600	48V	60V-90V	600W	2.2m ³ /h	88m	1"	2m	<100V	≥1.3*PUMP POWER
09	4RDS3.7-112-72-750	72V	90V-120V	750W	3.7m ³ /h	112m	1"	2m	<150V	≥1.3*PUMP POWER



HYDRAULIC PERFORMANCE CURVES

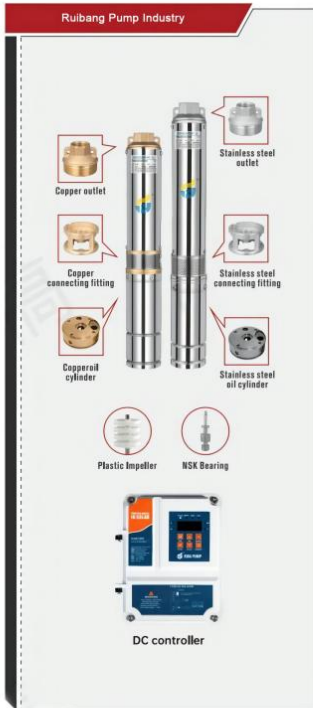


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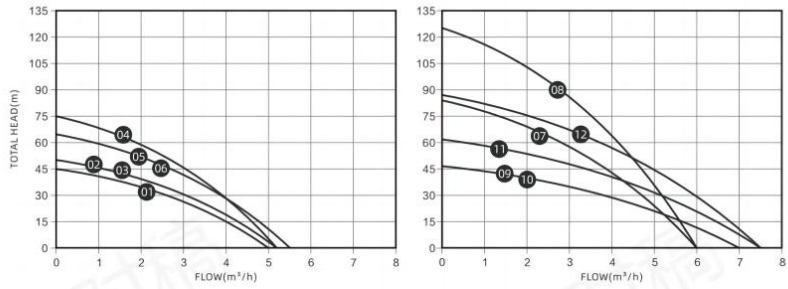


TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	3RDC3-25-24-200	24V	30V-48V	200W	3.0m ³ /h	25m	1.25"	2m	<55V	≥1.3*PUMP POWER
02	3RDC3-35-24-300	24V	30V-48V	300W	3.0m ³ /h	35m	1.25"	2m	<55V	≥1.3*PUMP POWER
03	3RDC3.5-47-48-400	48V	60V-90V	400W	3.5m ³ /h	47m	1.25"	2m	<105V	≥1.3*PUMP POWER
04	3RDC3.5-80-48-600	48V	60V-90V	600W	3.5m ³ /h	80m	1.25"	2m	<105V	≥1.3*PUMP POWER
05	3RDC3.5-80-72-600	72V	90V-120V	600W	3.5m ³ /h	80m	1.25"	2m	<160V	≥1.3*PUMP POWER
06	3RDC3.5-95-48-750	48V	60V-90V	750W	3.5m ³ /h	95m	1.25"	2m	<105V	≥1.3*PUMP POWER
07	3RDC3.5-95-72-750	72V	90V-120V	750W	3.5m ³ /h	95m	1.25"	2m	<160V	≥1.3*PUMP POWER
08	3RDC3.8-123-110-1100	72V	90V-120V	1100W	3.8m ³ /h	123m	1.25"	2m	<160V	≥1.3*PUMP POWER
09	3RDC3.8-123-110-1100	110V	110V-150V	1100W	3.8m ³ /h	123m	1.25"	2m	<210V	≥1.3*PUMP POWER
10	3RDC3.8-155-110-1300	110V	110V-150V	1300W	3.8m ³ /h	155m	1.25"	2m	<210V	≥1.3*PUMP POWER
11	3RDC3.8-180-110-1500	110V	110V-150V	1500W	3.8m ³ /h	180m	1.25"	2m	<210V	≥1.3*PUMP POWER



HYDRAULIC PERFORMANCE CURVES

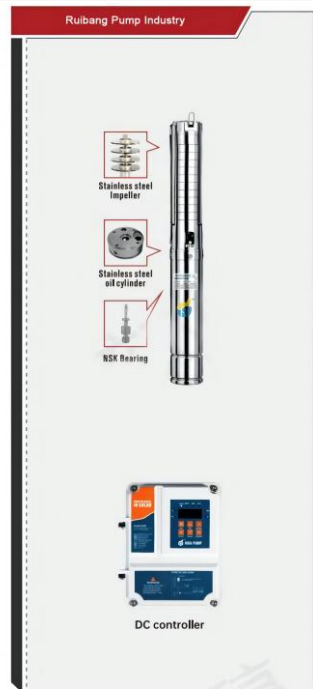


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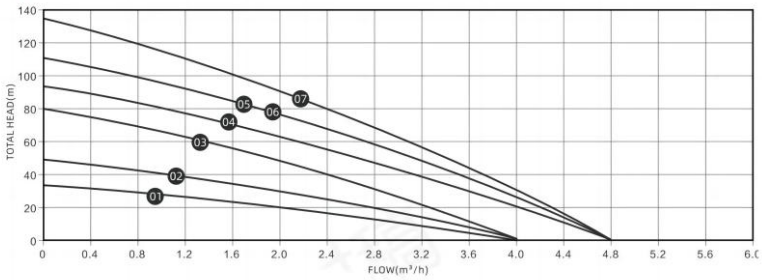


TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	3RDC5-45-48-500	48V	60V-90V	500W	5m³/h	45m	1.5"	2m	<105V	≥1.3*PUMP POWER
02	3RDC5.2-50-48-600	48V	60V-90V	600W	5.2m³/h	50m	1.5"	2m	<105V	≥1.3*PUMP POWER
03	3RDC5.2-50-72-600	72V	90V-120V	600W	5.2m³/h	50m	1.5"	2m	<160V	≥1.3*PUMP POWER
04	3RDC5.2-75-110-750	110V	110V-150V	750W	5.2m³/h	75m	1.5"	2m	<210V	≥1.3*PUMP POWER
05	3RDC5.5-65-72-750	72V	90V-120V	750W	5.5m³/h	65m	1.5"	2m	<160V	≥1.3*PUMP POWER
06	3RDC5.5-65-110-750	110V	110V-150V	750W	5.5m³/h	65m	1.5"	2m	<210V	≥1.3*PUMP POWER
07	3RDC6-84-110-1100	110V	110V-150V	1100W	6m³/h	84m	1.5"	2m	<210V	≥1.3*PUMP POWER
08	3RDC6-125-110-1500	110V	110V-150V	1500W	6m³/h	125m	1.5"	2m	<210V	≥1.3*PUMP POWER
09	3RDC7-46-72-750	72V	90V-120V	750W	7m³/h	46m	1.5"	2m	<160V	≥1.3*PUMP POWER
10	3RDC7-46-110-750	110V	110V-150V	750W	7m³/h	46m	1.5"	2m	<210V	≥1.3*PUMP POWER
11	3RDC7.5-62-110-1100	110V	110V-150V	1100W	7.5m³/h	62m	1.5"	2m	<210V	≥1.3*PUMP POWER
12	3RDC7.5-78-110-1500	110V	110V-150V	1500W	7.5m³/h	78m	1.5"	2m	<210V	≥1.3*PUMP POWER



HYDRAULIC PERFORMANCE CURVES

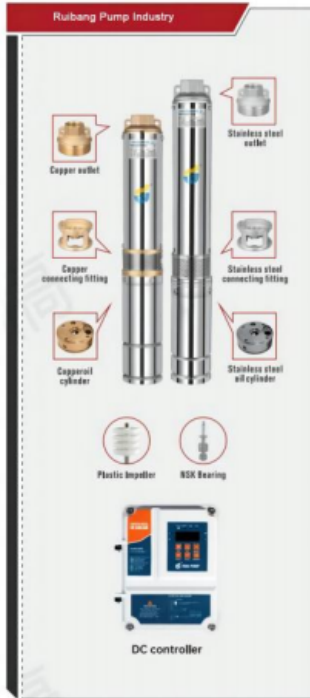


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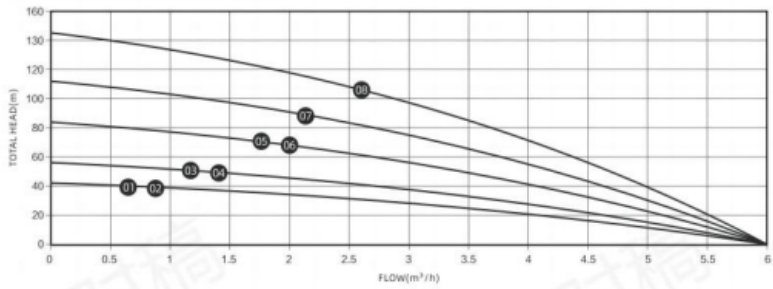


TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	3RD554-35-24-300	24V	30V-48V	300w	4m³/h	35m	1.25"	2m	<55V	≥1.3*PUMP POWER
02	3RD554-50-48-400	48V	60V-90V	400w	4m³/h	50m	1.25"	2m	<105V	≥1.3*PUMP POWER
03	3RD554-80-48-600	48V	60V-90V	600w	4m³/h	80m	1.25"	2m	<105V	≥1.3*PUMP POWER
04	3RD554.8-95-72-750	72V	90V-120V	750W	4.8m³/h	95m	1.25"	2m	<160V	≥1.3*PUMP POWER
05	3RD554.8-112-72-1100	72V	90V-120V	1100w	4.8m³/h	112m	1.25"	2m	<160V	≥1.3*PUMP POWER
06	3RD554.8-112-110-1100	110V	110V-150V	1100W	4.8m³/h	112m	1.25"	2m	<210V	≥1.3*PUMP POWER
07	3RD554.8-135-110-1500	110V	110V-150V	1500W	4.8m³/h	135m	1.25"	2m	<210V	≥1.3*PUMP POWER



HYDRAULIC PERFORMANCE CURVES

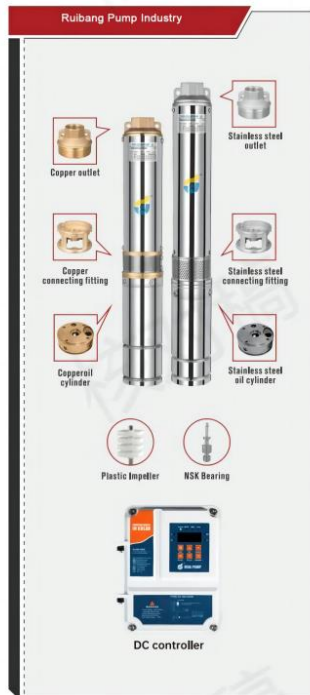


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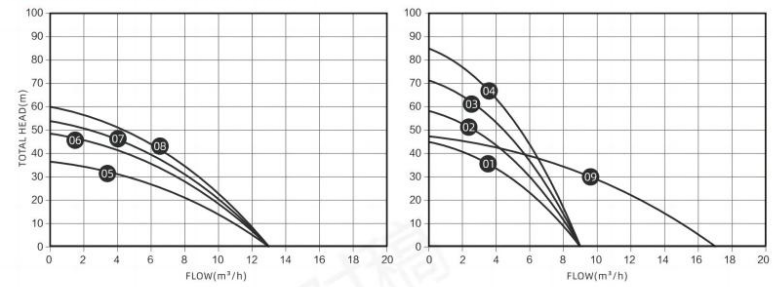


TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDC6-42-48-600	48V	60V-90V	600W	6.0m³/h	42m	1.25"	2m	<105V	≥1.3*PUMP POWER
02	4RDC6-42-72-600	72V	90V-120V	600W	6.0m³/h	42m	1.25"	2m	<160V	≥1.3*PUMP POWER
03	4RDC6-56-48-750	48V	60V-90V	750W	6.0m³/h	56m	1.25"	2m	<105V	≥1.3*PUMP POWER
04	4RDC6-56-72-750	72V	90V-120V	750W	6.0m³/h	56m	1.25"	2m	<160V	≥1.3*PUMP POWER
05	4RDC6-84-72-1100	72V	90V-120V	1100W	6.0m³/h	84m	1.25"	2m	<160V	≥1.3*PUMP POWER
06	4RDC6-84-110-1100	110V	110V-150V	1100W	6.0m³/h	84m	1.25"	2m	<210V	≥1.3*PUMP POWER
07	4RDC6-112-110-1300	110V	110V-150V	1300W	6.0m³/h	112m	1.25"	2m	<210V	≥1.3*PUMP POWER
08	4RDC6-135-110-1500	110V	110V-150V	1500W	6.0m³/h	135m	1.25"	2m	<210V	≥1.3*PUMP POWER



HYDRAULIC PERFORMANCE CURVES



ACCESSORIES



TECHNICAL DATA

NO.	ITEM	Voltage	Optimum input voltage(DC)	Power	Max. Flow	Max. Head	Outlet	Cable	Solar panel	
									Open circuit voltage(VOC)	Power
01	4RDC9-45-110-750	110V	110V-150V	750W	9.0m³/h	45m	2"	2m	<210V	≥1.3*PUMP POWER
02	4RDC9-58-110-1100	110V	110V-150V	1100W	9.0m³/h	58m	2"	2m	<210V	≥1.3*PUMP POWER
03	4RDC9-71-110-1300	110V	110V-150V	1300W	9.0m³/h	71m	2"	2m	<210V	≥1.3*PUMP POWER
04	4RDC9-85-110-1500	110V	110V-150V	1500W	9.0m³/h	85m	2"	2m	<210V	≥1.3*PUMP POWER
05	4RDC13-36-110-750	110V	110V-150V	750W	13.0m³/h	36m	2"	2m	<210V	≥1.3*PUMP POWER
06	4RDC13-49-110-1100	110V	110V-150V	1100W	13.0m³/h	49m	2"	2m	<210V	≥1.3*PUMP POWER
07	4RDC13-54-110-1300	110V	110V-150V	1300W	13.0m³/h	54m	2"	2m	<210V	≥1.3*PUMP POWER
08	4RDC13-60-110-1500	110V	110V-150V	1500W	13.0m³/h	60m	2"	2m	<210V	≥1.3*PUMP POWER
09	4RDC17-48-110-1500	110V	110V-150V	1500W	17.0m³/h	48m	2"	2m	<210V	≥1.3*PUMP POWER