



WATER PUMP



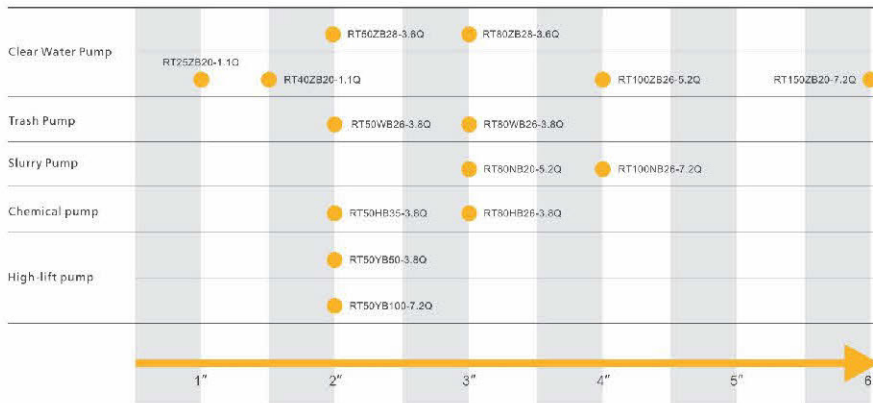


# CLEAN WATER PUMP

RT50ZB28-3.6Q  
RT80ZB28-3.6Q

## PRODUCT INTRODUCTION

- Brand new impeller and scroll case so the efficiency of the water pump could reach 65%-70% with 2-5m increased for the pump lift
- Patented appearance design, novel and unique
- Scroll case is located by positioning pin for more reliable use
- Anti-winding ring so clear water pump has the function of dust water pump
- Separated shock pad design for the support base, in order to minimize the shock
- Humanized pump connector for ease of assembly
- Complete accessories available



New designed body for better performance with longer working life



Strengthened support base for more stable structure



Patented anti-winding ring and positioning pin for Turbine cover



Humanized pump connector for ease of assembly

SPECIFICATIONS	RT50ZB28-3.6Q	RT80ZB28-3.6Q
Engine	R210	
Engine type	Air-cooled, 4-stroke, OHV, Single cylinder	
Starting system	Recoil starter	
Bore×Stroke	70×55mm	
Displacement	212ml	
Compression ratio	9.0 : 1	
Net power	4.4kw / 3600rpm	
Fuel consumption	≤395(g/kw·h)	
Net torque	12N.m / 2500rpm	
Pump set	2" clean pump	3" clean pump
Suction port diameter	50mm (2")	75mm (3")
Discharge port diameter	50mm (2")	75mm (3")
Suction head lift	8m	
Total head lift	28m	
Discharge capacity	36m <sup>3</sup> /h	60m <sup>3</sup> /h
Dimensions (L×W×H)	477×395×410mm	500×395×445mm
Net weight	23.5kg	25.5kg

BASE: JIS B 7400 TECHNICAL STANDARD APPLIED

PRODUCTS FEATURES

CLEAN WATER PUMP

RT25ZB20-1.1Q RT40ZB20-1.1Q  
RT100ZB26-5.2Q RT150ZB26-5.2Q

RT25ZB20-1.1Q



RT40ZB20-1.1Q



PRODUCT INTRODUCTION

- OHV engine technology by RATO
- Very high delivery rates
- Rugged full frame protection with anti-vibration mounts
- Cast iron volute and impeller with a silicon carbide seal
- Complete accessories available

RT100ZB26-5.2Q



RT150ZB20-7.2Q



SPECIFICATIONS	RT25ZB20-1.1Q	RT40ZB20-1.1Q	RT100ZB26-5.2Q	RT150ZB20-7.2Q
Engine	RS100	RS100	R270	R420
Engine type	Air-cooled, 4-stroke, OHV, Single cylinder			
Starting system	Recoil starter			
Bore×Stroke	52×46mm	52×46mm	77×58mm	90×66mm
Displacement	97.7ml	97.7ml	270ml	420ml
Compression ratio	5.6 : 1	5.6 : 1	8.5 : 1	8.5 : 1
Net power	1.4kw / 3600rpm	1.4kw / 3600rpm	6.0kw / 3600rpm	9.0kw / 3600rpm
Fuel consumption	≤450(g/kw·h)	≤450(g/kw·h)	≤374(g/kw·h)	≤374(g/kw·h)
Net torque	3N.m / 2500rpm	3N.m / 2500rpm	18N.m / 2500rpm	26.5N.m / 2500rpm
Pump set	1" circular type	1.5" square type	4" Clean water	6" Clean water
Suction port diameter	25mm(1")	40mm(1.5")	100mm(4")	150mm(6")
Discharge port diameter	25mm(1")	40mm(1.5")	100mm(4")	150mm(6")
Suction head lift	6m	6m	8m	7m
Total head lift	20m	16m	30m	20m
Discharge capacity	8m <sup>3</sup> /h	14m <sup>3</sup> /h	96m <sup>3</sup> /h	140m <sup>3</sup> /h
Dimensions (L×W×H)	375×310×385mm	355×285×385mm	610×430×537mm	807×585×667mm
Net weight	12.5kg	12.5kg	45kg	68kg

SIZE / 1/4" TECHNICAL STANDARD APPLIED



PRODUCTS FEATURES

WATER PUMP

RT50WB26-3.8Q RT80WB26-3.8Q RT50HB35-3.8Q RT80HB26-3.8Q  
 RT50YB50-3.8Q RT50YB100-7.2Q RT80NB20-5.2Q RT100NB26-7.2Q



SPECIFICATIONS	RT50WB26-3.8Q	RT80WB26-3.8Q	RT50HB35-3.8Q	RT80HB26-3.8Q
Engine	R210	R210	R210	R210
Engine type	Air-cooled, 4-stroke, OHV, Single cylinder			
Starting system	Recoil starter			
Bore × Stroke	70 × 55mm			
Displacement	212ml			
Compression ratio	9.0 : 1			
Net power	4.4kw / 3600rpm			
Fuel consumption	≤395(g/kw · h)			
Net torque	12N.m / 2500rpm			
Pump set	2" semi-trash	3" semi-trash	2" chemical pump	3" chemical pump
Suction port diameter	50mm(2")	75mm(3")	50mm(2")	75mm(3")
Discharge port diameter	50mm(2")	75mm(3")	50mm(2")	75mm(3")
Suction head lift	7m			
Total head lift	26m	26m	35m	26m
Discharge capacity	30m <sup>3</sup> /h	66m <sup>3</sup> /h	32m <sup>3</sup> /h	60m <sup>3</sup> /h
Dimensions (L×W×H)	511×451×439mm	552×432×450mm	500×395×446mm	610×425×462mm
Net weight	32kg	35kg	26kg	27kg

ISO 9001:2015 TECHNICAL STANDARDS APPLIED

SPECIFICATIONS	RT50YB50-3.8Q	RT50YB100-7.2Q	RT80NB20-5.2Q	RT100NB26-7.2Q
Engine	R210	R390	R270	R390
Engine type	Air-cooled, 4-stroke, OHV, Single cylinder			
Starting system	Recoil starter			
Bore × Stroke	70 × 55mm	88 × 64mm	77 × 58mm	88 × 64mm
Displacement	212ml	389ml	270ml	389ml
Compression ratio	9.0 : 1	8.5 : 1	8.5 : 1	8.5 : 1
Net power	4.4kw / 3600rpm	8.2kw / 3600rpm	6.0kw / 3600rpm	8.2kw / 3600rpm
Fuel consumption	≤395(g/kw · h)	≤374(g/kw · h)	≤374(g/kw · h)	≤374(g/kw · h)
Net torque	12N.m / 2500rpm	25N.m / 2500rpm	18N.m / 2500rpm	25N.m / 2500rpm
Pump set	2" high lift pump	2" high lift pump	3" mud pump	4" mud pump
Suction port diameter	50mm(2")	50mm(2")	75mm(3")	100mm(4")
Discharge port diameter	50mm(2")	50mm(2")	75mm(3")	100mm(4")
Suction head lift	7m			
Total head lift	50m	90m	20m	26m
Discharge capacity	30m <sup>3</sup> /h	30m <sup>3</sup> /h	60m <sup>3</sup> /h	100m <sup>3</sup> /h
Dimensions (L×W×H)	500×395×446mm	610×480×537mm	688×528×582mm	799×609×605mm
Net weight	29.5kg	64kg	64kg	76kg

ISO 9001:2015 TECHNICAL STANDARDS APPLIED