



R&W bowls range in size from 4" to 28" capable of producing from 5 gallons per minute to 18,000 gallons per minute at up to 1,500 feet of head.

Standard cast iron discharge heads are available with 3" to 10" outlets. Fabricated steel heads can be custom configured with 2" to 30" outlets. Submersible discharge heads are also available with 2" to 12" outlets.

All these products are available in a wide range of materials including cast

iron, ductile iron, cast steel, Ni-resist, Ni-hard, bronze alloys (including aluminum-bronze), stainless steels and heat treated aluminum.

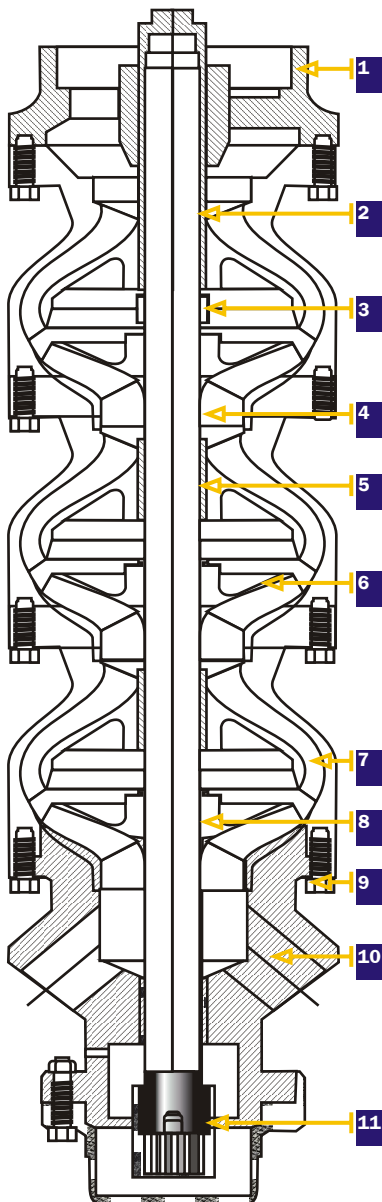
Many bowl modifications are available. Modifications include wear rings, lateral machining or deep settings in excess of 1,000 feet, grease-packed bearings, hard-chrome plated 416 stainless steel bowl, shafting and extra length bearings. Wear rings are available in bronze, aluminum-bronze, 304-316-416 stainless steels, Ni-

resist, teflon, ceramic, and other materials.

Special coating, treatment and material requirement can be met and provided. And every R&W pump has a R&W warranty and repair service. Let us know what you need.

BLUE PUMP RWJ120

Thrust K: 1.2 Lb/Ft
Bowl Dia: 5.130 inches
Shaft Dia: 1.000 inches
Max. Pressure:
480 PSI (Cast Iron)
720 PSI (Ductile Iron)



Item		MATERIALS		
Refer to Diagram		Cast Iron	Ductile Iron	Ni-Al-Brz
1	Discharge Head	Cast Iron ASTM A48 Class 30	Ductile Iron ASTM A536 65-45-12	Ni-Al-Brz ASTM B148 C95800
2	Head Bearing	Bronze ASTM B584 C90300	Bronze ASTM B584 C90300	Bronze ASTM B584 C90300
3	Stop Washer	416 SS ASTM A582 S41600	416 SS ASTM A582 S41600	316 SS ASTM A276 S31600
4	Shaft	416 SS ASTM A582 S41600	416 SS ASTM A582 S41600	316 SS ASTM A276 S31600
5	Bowl Bearing	Bronze ASTM B584 C90300	Bronze ASTM B584 C90300	Bronze ASTM B584 C90300
6	Impeller	Bronze ASTM B584 C865	Bronze ASTM B584 C865	Ni-Al-Brz ASTM B148 C95800
7	Bowl	Cast Iron ASTM A48 Class 30	Ductile Iron ASTM A536 65-45-12	Ni-Al-Brz ASTM B148 C95800
8	Collet	Steel ASTM A108 Gr 1018	Steel ASTM A108 Gr 1018	316 SS ASTM A276 S31600
9	Bolting	Steel ASTM A307-b GR8	Steel ASTM A307-b GR8	316 SS ASTM A193 GRB8
10	Intake	Cast Iron ASTM A48 Class 30	Ductile Iron ASTM A536 65-45-12	Ni-Al-Brz ASTM B148 C95800
11	Coupling	416 SS ASTM A582 S41600	416 SS ASTM A582 S41600	316 SS ASTM A276 S31600

DIMENSIONS					
Stages	Length (in)	Weight (lbs)	Stages	Length (in)	Weight (lbs)
1	18.3	49	11	64.3	179
2	22.9	62	12	68.9	192
3	27.5	75	13	73.5	205
4	32.1	88	14	78.1	218
5	36.7	101	15	82.7	231
6	41.3	114	16	87.3	244
7	45.9	127	17	91.9	257
8	50.5	140	18	96.5	270
9	55.1	153	19	101.1	283
10	59.7	166	20	105.7	296

Performance at 50hz 2900 RPM

Pump Performance Curve for RWJ120A 1 stage @ 2900 RPM; Sp Gr = 1

