

RVP

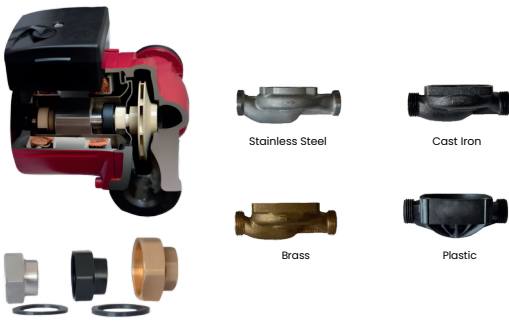
STRUCTURE

1. Pump contains two parts: hydraulic section and motor (with wet rotor). Hydraulic section contains pump housing, impeller while motor includes stator, rotor, cartridge and air-venting nut.
2. Sealing: the pump does not use mechanical seal. Stator and rotor are sealed with cartridge made of stainless steel and two heat-resistant rubber rings, which ensure no leakage.
3. Lubrication of bearings and cooling of motor by inner circulation of pumped liquid.
4. Insulation class H, one speed or three speeds.



MATERIAL TABLE

No.	Name	Material
1	Pump housing	Cast iron/Stainless steel/Plastic/Brass/Bronze
2	Impeller	Engineering plastic/Stainless steel
3	Shaft	Ceramic/ Stainless steel
4	Bearing base	Stainless steel
5	Thrust bearing	Impregnated Carbon/ Silicon Carbide
6	Bearing	Ceramic/ Silicon carbide
7	Base of thrust bearing	Stainless steel/ Rubber
8	Shield cover	Stainless steel
9	Connection	Cast iron/Stainless steel/Brass



APPLICATION

Our canned motor circulation pumps are designed and manufactured by our engineering specialists to deliver superior performance and reliability. These pumps feature low noise operation, leak-free construction, and environmentally safe performance, ensuring long service life and stable operation. With an elegant and compact design, the pumps offer easy installation, smooth running, and high operational reliability. They are suitable for use in both single-pipe and double-pipe heating systems and are widely applied in residential apartments, villas, cooling and air-conditioning systems, boilers, and solar thermal systems.

PRODUCT SELECTION

Users can select the appropriate model from the RVP-B series according to the required head and flow rate. The RVP-B series is available with two types of pipe connections: threaded and flange. Models with power ratings above 300 W are mainly supplied with flange connections. Customized designs can also be provided to meet specific application requirements. The pump housing is generally manufactured from cast iron, with bronze and stainless steel housings available as optional materials. Pumps with cast iron housing are widely used for hot water circulation in room heating systems. Pumps with bronze housing are commonly applied in floor heating systems. For the delivery of domestic hot water, we recommend pumps with stainless steel housing or bronze housing.

INSTALLATION

During installation, the pump shaft must be positioned horizontally and parallel to the ground.

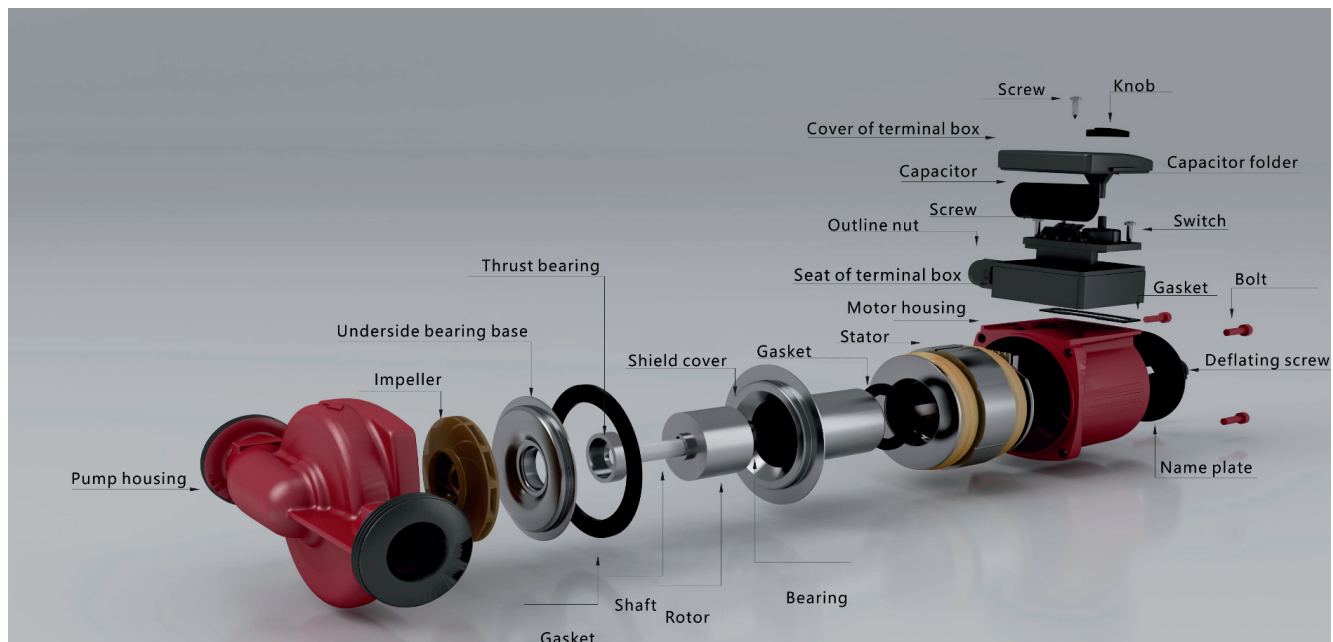
Before start-up, loosen the air vent screw located on the top of the motor to allow any trapped air inside the pump to be fully released. Once venting is complete, securely re-tighten the vent screw.

This procedure is essential to prevent dry running and to ensure safe and reliable pump operation.

WORKING CONDITIONS

- 1. Power Supply:** Standard power supply options include 230V / 50Hz single-phase AC and 380V / 50Hz three-phase AC. Models listed in the table can also be manufactured according to customer requirements for 230V / 60Hz or 115V / 60Hz. The performance curves and parameters shown in this catalogue are based on products operating at 230V / 50Hz.
- 2. Maximum System Pressure:** The maximum allowable system pressure is 1.0 MPa.
- 3. Operating Temperature:** Ambient temperature range: 0°C to 40°C ; Medium temperature range: 2°C to 110°C To prevent condensation within the stator, the ambient temperature must always be lower than the temperature of the pumped liquid.
- 4. Pumped Medium:** The pump is suitable for conveying clean, thin, non-corrosive, and non-explosive liquids free from solid particles, fibers, and mineral oil. It must not be used for flammable liquids such as diesel or gasoline. High-viscosity liquids will reduce pump performance; therefore, the viscosity of the medium should be carefully considered when selecting a pump model.
- 5. Avoid Cavitation:** A minimum inlet pressure must be maintained at the pump suction side to prevent cavitation noise and possible damage to the pump bearings.

STRUCTURAL DIAGRAM



WORKING CONDITIONS

PUMPS UNDER 270 W REQUIRE A MINIMUM INLET WATER PRESSURE:

Liquid Temperature	85°C	90°C	110°C
Inlet Pressure	6 Head(m) 0.6 bar	7.5 Head(m) 0.75 bar	15 Head(m) 1.5 bar

FOR PUMPS ABOVE 300 W, MINIMUM INLET WATER PRESSURE DIFFERS BY MODEL

Model	Liquid Temperature			(W)
	70°C (bar)	90°C (bar)	110°C (bar)	
RVP-B 20-12Z	0.45	0.75	1.6	300
RVP-B 20-12SZXL	0.45	0.75	1.6	300
RVP-B 20-16Z	0.65	1.05	1.85	500
RVP-B 20-16SZXL	0.65	1.05	1.85	500
RVP-B 20-20SZ	0.8	1.1	1.7	700
RVP-B 20-26SZ	0.8	1.1	1.7	1000
RVP-B 20-35SZ	0.5	1.05	1.7	1300
RVP-B 25-9	0.35	0.75	1.2	300
RVP-B 25-9SXL	0.35	0.75	1.2	300
RVP-B 25-9Z	0.35	0.75	1.2	300
RVP-B 25-9SZXL	0.35	0.75	1.2	300
RVP-B 25-12L	0.35	0.75	1.2	300
RVP-B 25-12SL	0.35	0.75	1.2	300
RVP-B 25-12	0.4	0.75	1.4	500
RVP-B 25-12SXL	0.4	0.75	1.4	500
RVP-B 25-12Z	0.45	0.75	1.6	500
RVP-B 25-12SZXL	0.45	0.75	1.6	500
RVP-B 25-16S	0.8	1.1	1.7	700
RVP-B 25-16SZ	0.8	1.1	1.7	700
RVP-B 25-20S	0.7	0.95	1.6	1000
RVP-B 25-20SZ	0.7	0.95	1.6	1000
RVP-B 32-9	0.35	0.75	1.2	300
RVP-B 32-9SXL	0.35	0.75	1.2	300
RVP-B 32-9F	0.35	0.75	1.2	300
RVP-B 32-9SFXL	0.35	0.75	1.2	300
RVP-B 32-12	0.4	0.75	1.4	500
RVP-B 32-12SXL	0.4	0.75	1.4	500
RVP-B 32-12F	0.4	0.75	1.4	500
RVP-B 32-12SFXL	0.4	0.75	1.4	500
RVP-B 32-16S	0.8	1.1	1.7	700
RVP-B 32-20S	0.7	0.95	1.6	1000

FOR PUMPS ABOVE 300 W, INLET PRESSURE REQUIREMENTS DIFFER BY MODEL.

Model	Liquid Temperature			(W)
	70°C (bar)	90°C (bar)	110°C (bar)	
RVP-B 40-4.5F	0.35	0.75	1.45	300
RVP-B 40-4.5SFXL	0.35	0.75	1.45	300
RVP-B 40-6F	0.15	0.75	1.2	500
RVP-B 40-6SFXL	0.15	0.75	1.2	500
RVP-B 40-12SF Pro	0.4	0.8	1.55	700
RVP-B 40-16SF Pro	0.4	0.75	1.4	1000
RVP-B 50-12SF Pro	0.4	0.75	1.4	1000
RVP-B 50-16SF Pro	0.65	1.1	1.7	1300
RVP-B 50-20SF Pro	0.65	1.1	1.7	1500
RVP-B 65-8SF Pro	0.4	0.75	1.4	700
RVP-B 65-12SF Pro	0.4	0.75	1.4	1300
RVP-B 65-15SF Pro	0.4	0.75	1.4	1500
RVP-B 65-18SF	0.4	0.75	1.4	1800
RVP-B 80-8SF Pro	0.65	1.1	1.7	1000
RVP-B 80-10SF Pro	0.65	1.1	1.7	1300
RVP-B 80-12SF Pro	0.65	1.1	1.7	1500

PRODUCT LIST

Model	Max. Flow (m ³ /h)	Max Head (m)	Power (w)	Rated Flow (m/h)	Rated Head (m)	Rated Current (A)			Voltage (V)		Housing Material					
						115V	230V		115	230	Cast Iron	Plastic	Brass	Stainless Steel	Bronze	
RVP-B Instant E	0.6	1.4	28W	0.3	1.1		0.28			✓				✓		
RVP-B 20-4S	2.5	4	65/50/32	1.6	2.6	0.56/0.44/0.30	0.28/0.22/0.15		✓	✓	✓	✓	✓	✓		✓
RVP-B 25-4S	2.8	4	65/50/32	1.6	2.6	0.56/0.44/0.30	0.28/0.22/0.15		✓	✓	✓			✓		✓
RVP-B 32-4S	3.5	4	65/50/32	1.8	2.6	0.56/0.44/0.30	0.28/0.22/0.15		✓	✓	✓					
RVP-B 20-5S	2.8	5	85/60/40	1.8	3.2	0.80/0.60/0.44	0.40/0.30/0.22		✓	✓	✓	✓	✓	✓		✓
RVP-B 25-5S	3	5	85/60/40	1.8	3.2	0.80/0.60/0.44	0.40/0.30/0.22		✓	✓	✓			✓		✓
RVP-B 32-5S	4	5	85/60/40	2.5	2.8	0.80/0.60/0.44	0.40/0.30/0.22		✓	✓	✓					
RVP-B 20-6S	2.8	6	100/70/55	1.8	3.6	0.90/0.70/0.50	0.45/0.35/0.25		✓	✓	✓	✓	✓	✓		✓
RVP-B 25-6S	3	6	100/70/55	2	3.5	0.90/0.70/0.50	0.45/0.35/0.25		✓	✓	✓			✓		✓
RVP-B 32-6S	4	6	100/70/55	2	3.5	0.90/0.70/0.50	0.45/0.35/0.25		✓	✓	✓					
RVP-B 20-7S Pro	3.5	7	160/115/70	2	4.3		0.73/0.52/0.33			✓	✓	✓	✓	✓		✓
RVP-B 25-7S Pro	3.5	7	160/115/70	2.5	4		0.73/0.52/0.33			✓	✓			✓		✓
RVP-B 32-7S Pro	5.3	7	160/115/70	2.5	4.9		0.73/0.52/0.33			✓	✓					
RVP-B 20-8SL	4	7.6	180/150/90	2	6		0.85/0.70/0.45			✓	✓					
RVP-B 25-8SL	4.5	7.6	180/150/90	2	6		0.85/0.70/0.45			✓	✓					
RVP-B 32-8SL	6	7.6	180/150/90	2	6		0.85/0.70/0.45			✓	✓					
RVP-B 25-8S	5.2	8	245/190/135	3.2	6	2.20/1.70/1.20	1.1/0.85/0.60		✓	✓	✓	✓	✓	✓		✓
RVP-B 32-8S	8	8	245/190/135	4	5.5	2.20/1.70/1.20	1.1/0.85/0.60		✓	✓	✓					
RVP-B 32-8SF	8	8	245/190/135	4	5.5	2.20/1.70/1.20	1.1/0.85/0.60		✓	✓	✓					
RVP-B 40-8SF	8	8	245/190/135	4	5.5	2.20/1.70/1.20	1.1/0.85/0.60		✓	✓	✓					
RVP-B 15-9S	1.8	9	120/80/65	1	5.5	1.00/0.80/0.60	0.50/0.40/0.30		✓	✓	✓					
RVP-B 15-12S	3.5	12	270/240/160	2	9.5	2.40/2.20/1.50	1.20/1.10/0.75		✓	✓	✓					
RVP-B 20-12S	4	12	270/240/160	2	9.5	2.40/2.20/1.50	1.20/1.10/0.75		✓	✓	✓			✓		
RVP-B 25-12S	4	12	270/240/160	2	9.5	2.40/2.20/1.50	1.20/1.10/0.75		✓	✓	✓			✓		
RVP-B 15-9A	1.5	9	120	0.5	7.5	1	0.5		✓	✓	✓			✓		
RVP-B 15-12A	2.8	12	270	1.2	10	2.4	1.2		✓	✓	✓					

✓ represents optional product specification

Model	Max. Flow (m ³ /h)	Max Head (m)	Power (w) 230V	Power (w) 380V	Rated Flow (m/h)	Rated Head (m)	Rated Current			Voltage			Housing Material				
							115V	230V	380V	115V	230V	380V	Cast Iron	Plastic	Brass	Stainless Steel	Bronze
RVP-B 40-4.5F	10	4.5	300		8	3.2	3	1.5			✓	✓					
RVP-B 40-4.5SFXL	10	4.5	300/280/260		8	3.2		1.5/1.4/1.3			✓	✓					
RVP-B 40-6F	13	7	500		12	4.5	5	25			✓	✓					
RVP-B 40-6SFXL	13	7	500/460/440		12	4.5		2.5/2.3/2.0			✓	✓					
RVP-B 65-8SF Pro	25	8	700/550/410	700/580/500	20	3		3.4/2.4/1.8	2.05/1.03/0.87		✓	✓					
RVP-B 80-8SF Pro	32	8	1000/860/580	1000/770/670	25	5		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓					
RVP-B 25-9	6	9	300		5	5	3	1.5			✓	✓			✓		
RVP-B 32-9	8	9	300		5	6.5	3	1.5			✓	✓					
RVP-B 32-9F	8	9	300		5	6.5	3	1.5			✓	✓					
RVP-B 25-9SXL	6	9	300/280/260		5	5		1.5/1.4/1.3			✓	✓			✓		
RVP-B 32-9SXL	8	9	300/280/260		5	6.5		1.5/1.4/1.3			✓	✓					
RVP-B 32-9SFXL	8	9	300/280/260		5	6.5		1.5/1.4/1.3			✓	✓					
RVP-B 80-10SF Pro	35	10	1300/1100/800	1300/1000/930	25	8		5.8/4.9/3.5	3.05/1.75/1.60		✓	✓					
RVP-B 25-12L	6	12	300		3.5	9	3	1.5			✓	✓	✓				
RVP-B 25-12	6.5	12	500		5	8.5	5	2.5			✓	✓					
RVP-B 32-12	9	12	500		6	8	5	2.5			✓	✓			✓		
RVP-B 32-12F	9	12	500		6	8	5	2.5			✓	✓					
RVP-B 25-12SL	6	12	300/280/260		3.5	9		1.5/1.4/1.3			✓	✓					
RVP-B 25-12SXL	6.5	12	500/460/440		5	8.5		2.5/2.3/2.0			✓	✓					
RVP-B 32-12SXL	9	12	500/460/440		6	8		2.5/2.3/2.0			✓	✓			✓		
RVP-B 32-12SFXL	9	12	500/460/440		6	8		2.5/2.3/2.0			✓	✓					
RVP-B 40-12SF Pro	11	14	700/550/410	700/580/500	8	10		3.4/2.4/1.8	2.05/1.03/0.87		✓	✓					
RVP-B 50-12SF Pro	28	12	1000/860/580	1000/770/670	16	8		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓					
RVP-B 65-12SF Pro	36	12	1300/1100/800	1300/1000/930	20	10		5.8/4.9/3.5	3.05/1.75/1.60		✓	✓					
RVP-B 80-12SF Pro	40	12		1500/1250/1100	25	10			3.50/2.05/1.85			✓					
RVP-B 65-15SF Pro	38	14		1500/1250/1100	20	11			3.50/2.05/1.85			✓					
RVP-B 25-16S	9	16	700/550/410	700/580/500	7	12.5		3.4/2.4/1.8	2.05/1.03/0.87		✓	✓					

✓ represents optional product specification

PRODUCT LIST

Model	Max. Flow (m ³ /h)	Max Head (m)	Power (w) 230V	Power (w) 380V	Rated Flow (m/h)	Rated Head (m)	Rated Current			Voltage			Housing Material					
							115V	230V	380V	115V	230V	380V	Cast Iron	Plastic	Brass	Stainless Steel	Bronze	
RVP-B 40-16SF Pro	13	18	1000/860/580	1000/770/670	8	13.5		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓	✓					
RVP-B 50-16SF Pro	30	15.5	1300/1100/800	1300/1000/930	16	12		5.8/4.9/3.5	3.05/1.75/1.60		✓	✓	✓					
RVP-B 32-16S	12	16	700/550/410	700/580/500	7	12.5		3.4/2.4/1.8	2.05/1.03/0.87		✓	✓	✓					
RVP-B 65-18SF	35	17		1800/1450/1350	20	12			3.60/2.37/2.27			✓	✓					
RVP-B 25-20S	10	20	1000/860/580	1000/770/670	9	14		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓	✓					
RVP-B 50-20SF Pro	35	17		1500/1250/1100	16	13.5			3.50/2.05/1.85			✓	✓					
RVP-B 25-9Z	6	9	300		5	5	3	1.5			✓	✓		✓				
RVP-B 20-12Z	4.5	13	300		2	10	3	1.5			✓	✓		✓		✓		✓
RVP-B 25-12Z	6.5	12	500		5	8.5	5	2.5			✓	✓		✓				
RVP-B 20-16Z	5	16	500		3	11.5	5	2.5			✓	✓		✓		✓		✓
RVP-B 25-9SZXL	6	9	300/280/260		5	5		1.5/1.4/1.3			✓	✓		✓				
RVP-B 20-12SZXL	4.5	13	300/280/260		2	10		1.5/1.4/1.3			✓	✓		✓				
RVP-B 25-12SZXL	6.5	12	500/460/440		5	8.5		2.5/2.3/2.0			✓	✓		✓				
RVP-B 20-16SZXL	5	16	500/460/440		3	11.5		2.5/2.3/2.0			✓	✓		✓		✓		✓
RVP-B 25-16SZ	9	16	700/550/410	700/580/500	7	12.5		3.4/2.4/1.8	2.05/1.03/0.87		✓	✓	✓					
RVP-B 20-20SZ	8	20	700/550/410	700/580/500	5	16		3.4/2.4/1.8	2.05/1.03/0.87		✓	✓	✓					
RVP-B 25-20SZ	10	20	1000/860/580	1000/770/670	9	14		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓	✓					
RVP-B 20-26SZ	9	26	1000/860/580	1000/770/670	7	18		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓	✓					
RVP-B 20-35SZ	10	30	1300/1100/800	1300/1000/930	5	25		5.8/4.9/3.5	3.05/1.75/1.60		✓	✓	✓					
RVP-B 32-20S	13	20	1000/860/580	1000/770/670	9	14		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓	✓					

✓ represents optional product specification

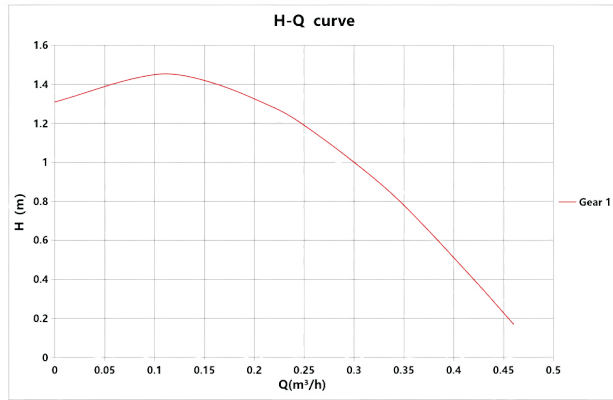
RVP

RVP-BP/RVP-BE INSTANT/PRESSURE BOOSTER PUMP

PERFORMANCE CURVE

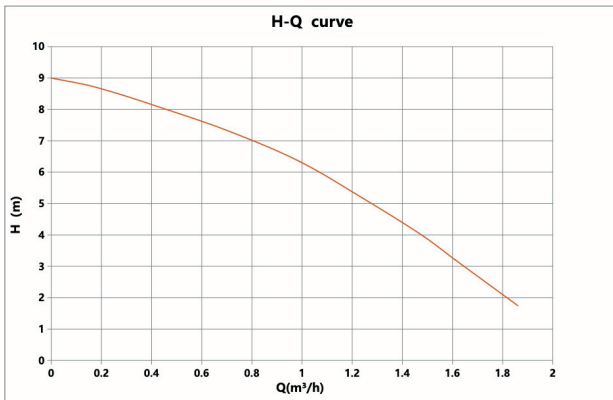
RVP-BP 15-12A

RVP-BE

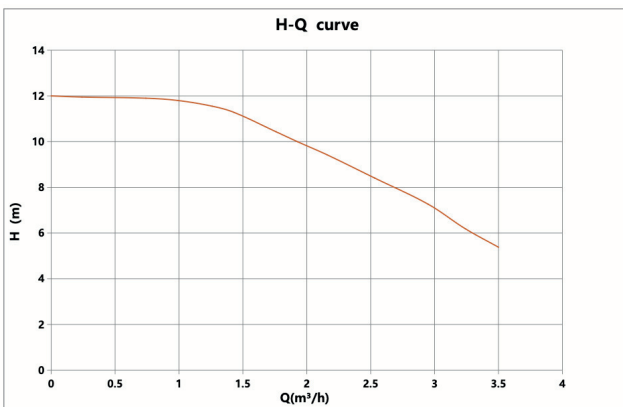


RVP-BE INSTANT CIRCULATOR PUMP

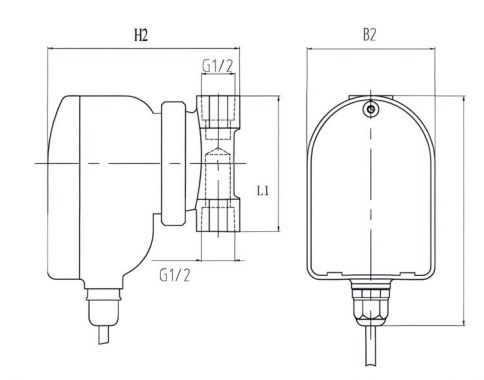
RVP-BP 15-9A



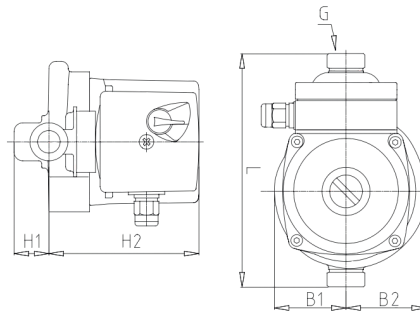
RVP-BP 15-9A COMPACT PRESSURE BOOSTER PUMP



INSTALLATION DRAWING



Pump Model	Dimensions						Weight		Connection Flange	Package Size (mmXmmXmm)	Package Type	Set/Box
	L1	H1	H2	B1	B2	G	N.W	G.W				
RVP-BE	85	/	120	40	80	1/2"	1.5	1.6	/	360X300X310	Carton	8



Pump Model	Dimensions						Weight		Connection Flange	Package Size (mmXmmXmm)	Package Type	Set/Box
	L1	H1	H2	B1	B2	G	N.W	G.W				
RVP-BP 15-9A	160	23	103	50	54	3/4"	2.5	2.7	3/4"-1/2"	360x300x310	Carton	8
RVP-BP 15-12A	200	18	132	63	69	3/4"	2.5	2.7	3/4"-1/2"	420x350x205	Carton	4

PRODUCT PARAMETERS

Model	Max. Flow (m ³ /h)	Max Head (m)	Power (w)	Rated Flow (m/h)	Rated Head (m)	Rated Current (A)		Voltage (V)		Housing Material				
						115V	230V	115	230	Cast Iron	Plastic	Brass	Stainless Steel	Bronze
RVP-BE	0.55	1.4	28	0.25	1.1		0.28		✓			✓		
RVP-BP 15-9A	2	9	120	1	8	1	0.5	✓	✓	✓		✓	✓	
RVP-BP 15-12A	3	12	270	1	10	2.4	1.2	✓	✓	✓				

RVP

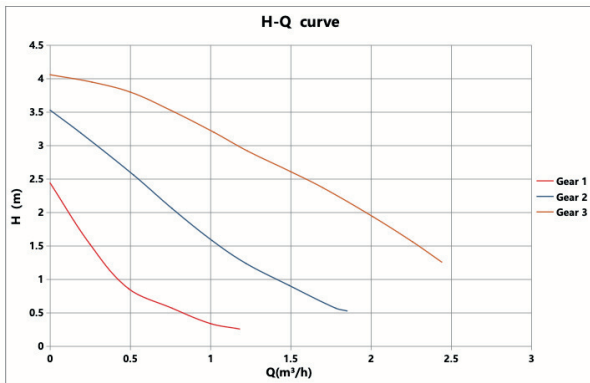
RVP-B CIRCULATION PUMPS



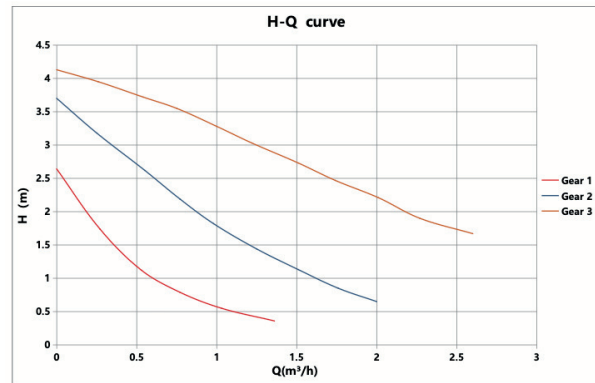
CIRCULATION PUMPS

PERFORMANCE CURVE

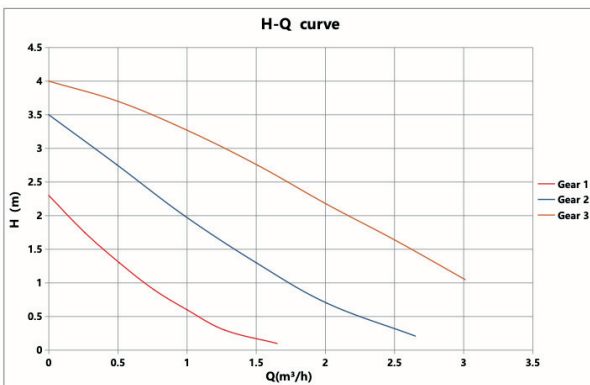
RVP-B 20-4S



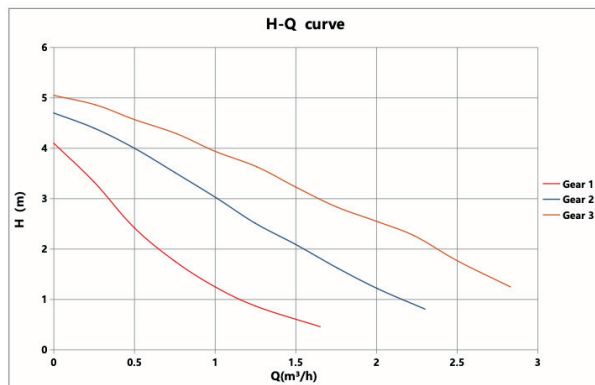
RVP-B 25-4S



RVP-B 32-4S

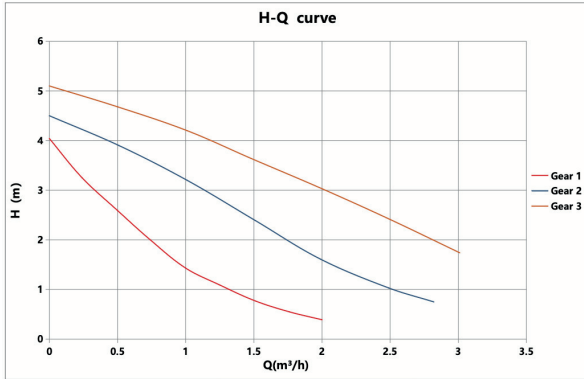


RVP-B 20-5S

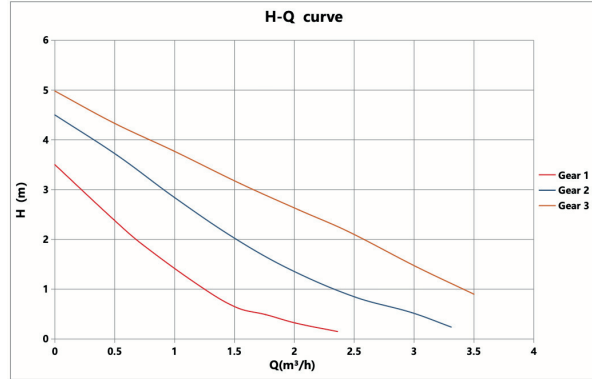


PERFORMANCE CURVE

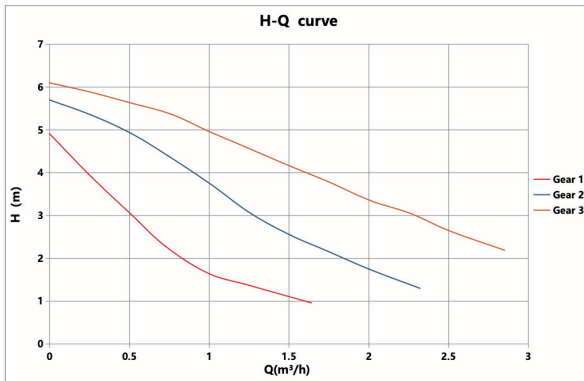
RVP-B 25-5S



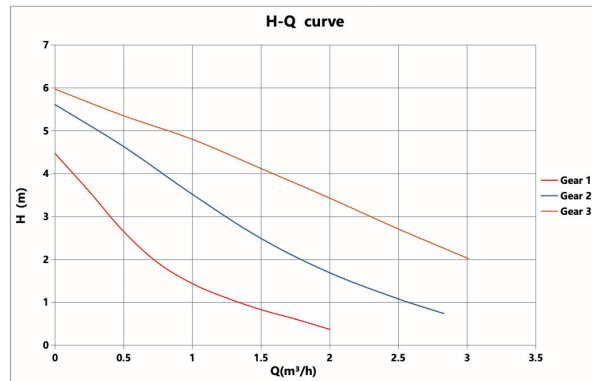
RVP-B 32-5S



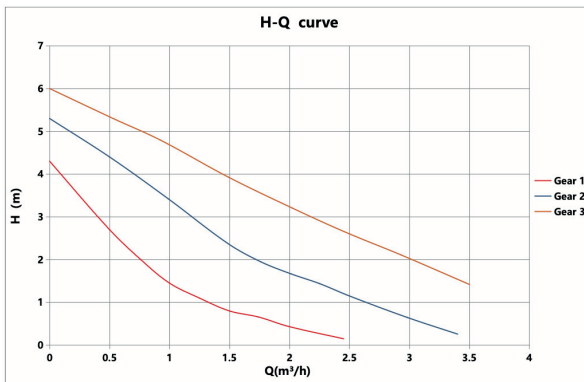
RVP-B 20-6S



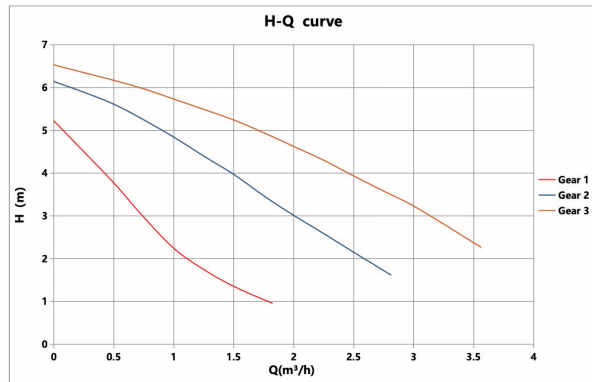
RVP-B 25-6S



RVP-B 32-6S

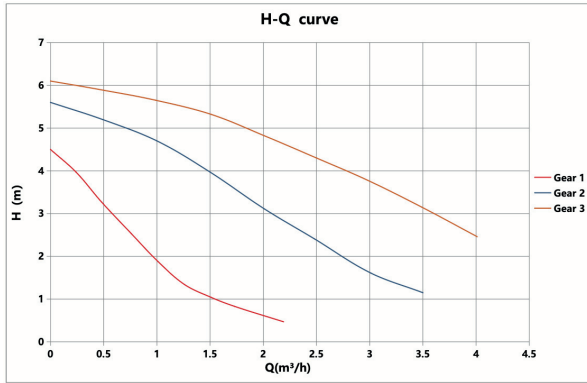


RVP-B 20-7S PRO

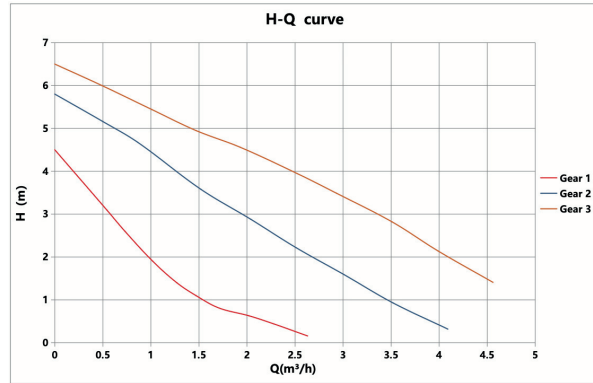


PERFORMANCE CURVE

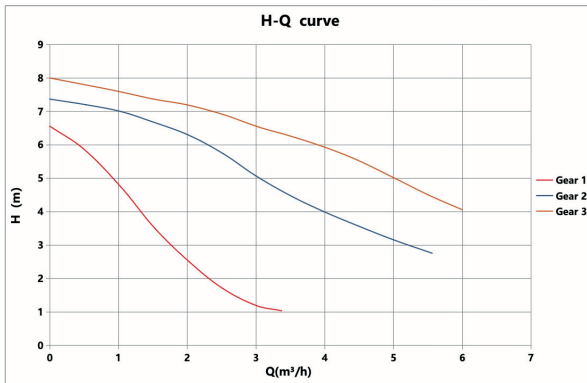
RVP-B 25-7S PRO



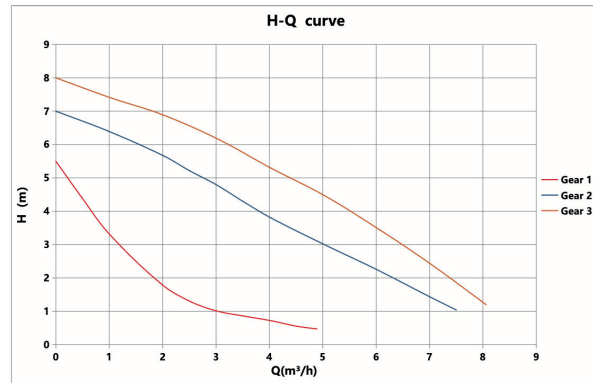
RVP-B 32-7S PRO



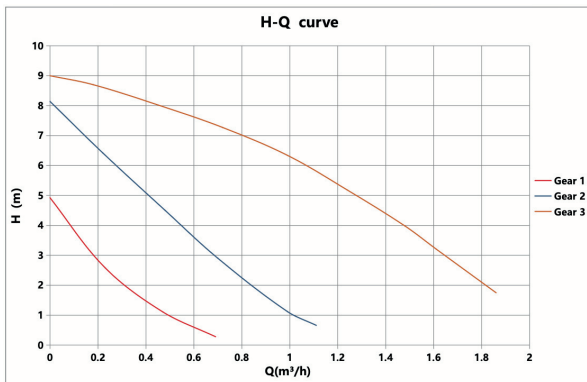
RVP-B 25-8S



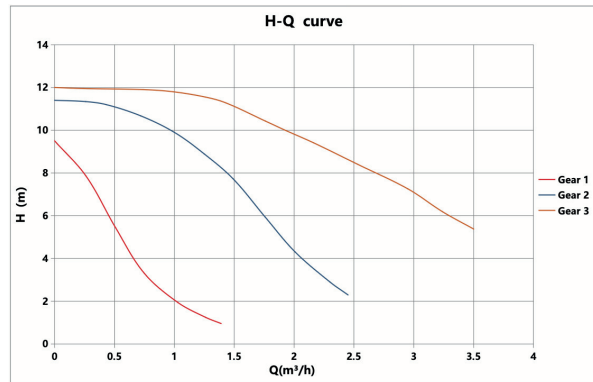
RVP-B 32-8S



RVP-B 15-9S

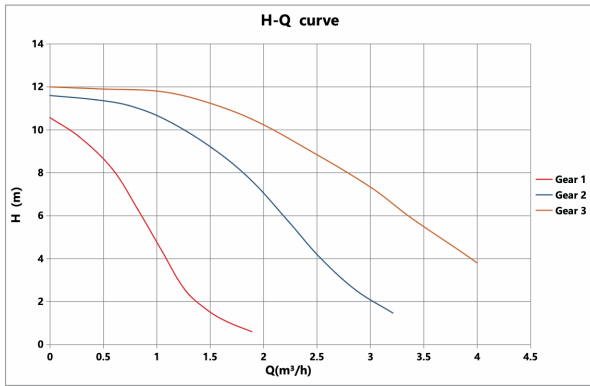


RVP-B 15-12S

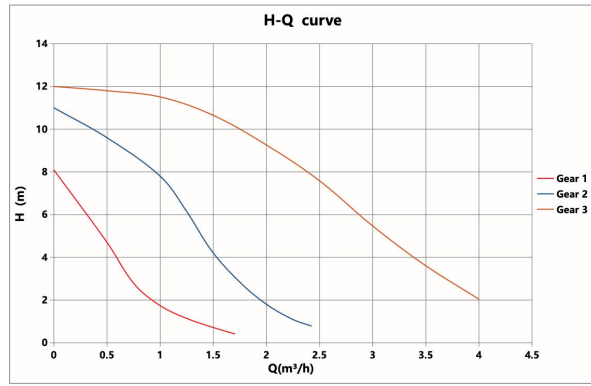


PERFORMANCE CURVE

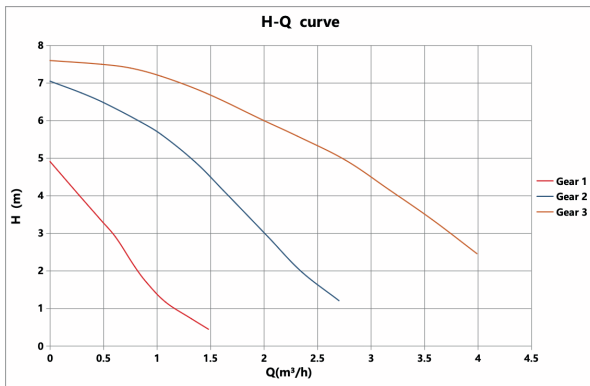
RVP-B 120-12S



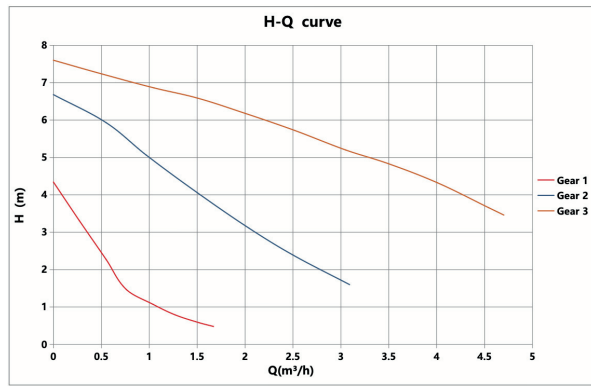
RVP-B 25-12S



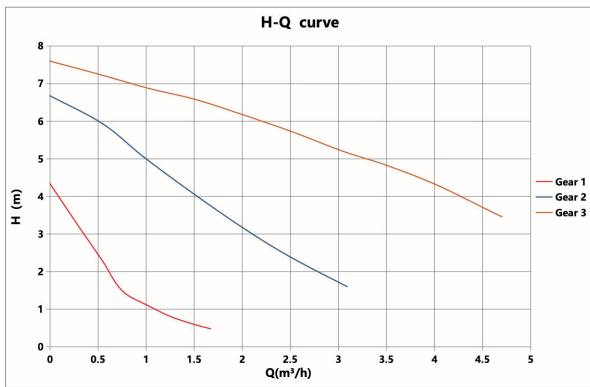
RVP-B 20-8SL



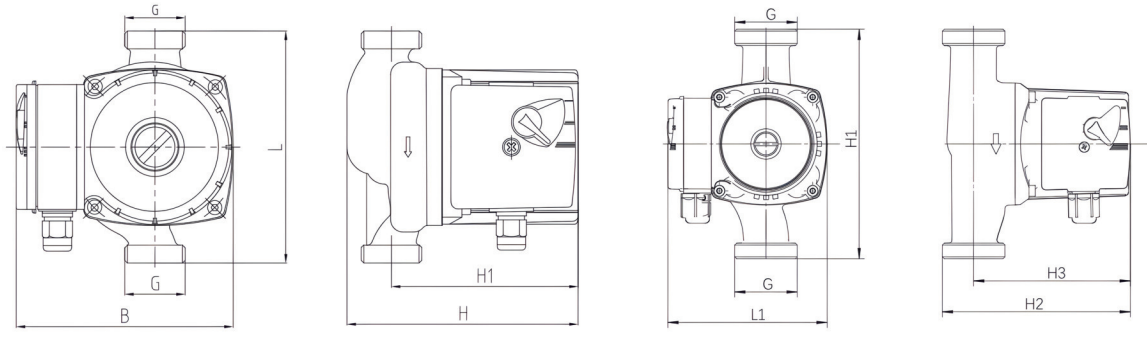
RVP-B 25-8SL



RVP-B 32-8SL



INSTALLATION DRAWING



Pump Model	Dimensions					Weight (kg)		Connection Flange	Package Size (mmXmmXmm)	Package Type	Set/Box
	L	H	H1	B	G	N.W	G.W				
RVP-B 20-4S	130	130	105	130	1"	2.1	2.4	1"-3/4"	360X300X310	Carton	8
RVP-B 25-4S	130/180	130	105	130	1½"	2.4	3	1½"- 1"	360X300X310\420X300X310	Carton	8
RVP-B 32-4S	180	130	105	130	2"	2.7	3.5	2"- 1¼"or1½"	420X300X310	Carton	8
RVP-B 20-5S	130	130	105	130	1"	2.3	2.6	1"-3/4"	360X300X310	Carton	8
RVP-B 25-5S	130/180	130	105	130	1½"	2.6	3.2	1½"-1"	360X300X310\420X300X310	Carton	8
RVP-B 32-5S	180	130	105	130	2"	2.9	3.8	2"-1¼"or1½"	420X300X310	Carton	8
RVP-B 20-6S	130	130	105	130	1"	2.3	2.6	1"-3/4"	360X300X310	Carton	8
RVP-B 25-6S	130/180	130	105	130	1½"	2.6	3.2	1½"- 1"	360X300X310\420X300X310	Carton	8
RVP-B 32-6S	180	130	105	130	2"	2.9	3.8	2"- 1¼"or1½"	420X300X310	Carton	8
RVP-B 20-7S Pro	130	130	105	130	1"	2.3	2.7	1"-3/4"	360X300X310	Carton	8
RVP-B 25-7S Pro	130/180	130	105	130	1½"	2.6	3.2	1½"- 1"	360X300X310\420X300X310	Carton	8
RVP-B 32-7S Pro	180	130	105	130	2"	2.9	3.8	2"-1¼"or1½"	420X300X310	Carton	8
RVP-B 25-8S	180	170	130	150	1½"	4.8	5.5	1½"-1"	420X350X205	Carton	4
RVP-B 32-8S	180	170	130	150	2"	4.6	5.6	2"-1¼"or1½"	420X350X205	Carton	4
RVP-B 15-9S	130	130	105	130	¾"	2.3	2.5	¾"-½"	360X300X310	Carton	8
RVP-B 15-12S	150	150	132	150	¾"	3.9	4.4	¾"-½"	420X350X205	Carton	4
RVP-B 20-12S	180	151	128	150	1"	2.3	2.5	1"-3/4"	420X350X205	Carton	8
RVP-B 25-12S	180	151	128	150	1½"	2.3	2.5	1½"- 1"	420X350X205	Carton	4

Pump Model	Dimensions					Weight (kg)		Connection/ Flange	Package Size (mmXmmXmm)	Package Type	Set/Box
	H1	H2	H3	L1	G	N.W	G.W				
RVP-B 20-8SL	130	145	124	127	1"	3	3.1	1"-3/4"	420x300x350	Carton	8
RVP-B 25-8SL	180	147	124	127	1½"	3.3	3.4	1½"- 1"	420x300x350	Carton	8
RVP-B 32-8SL	180	153	124	127	2"	3.3	3.4	2"-1¼"or1½"	420x300x350	Carton	8

PRODUCT PARAMETERS

Model	Max. Flow (m ³ /h)	Max Head (m)	Power (w)	Rated Flow (m/h)	Rated Head (m)	Rated Current (A)		Voltage (V)		Housing Material				
						115V	230V	115	230	Cast Iron	Plastic	Brass	Stainless Steel	Bronze
RVP-B 20-4S	2.5	4	65/50/32	1.6	2.6	0.56/0.44/0.30	0.28/0.22/0.15	✓	✓	✓	✓	✓	✓	✓
RVP-B 25-4S	2.8	4	65/50/32	1.6	2.6	11.56/0.44/0.30	0.28/0.22/0.15	✓	✓	✓		✓	✓	✓
RVP-B 32-4S	3.5	4	65/50/32	1.8	2.6	0.56/0.44/0.30	0.28/0.22/0.15	✓	✓	✓				
RVP-B 20-5S	2.8	5	85/60/40	1.8	3.2	0.80/0.60/0.44	0.40/0.30/0.22	✓	✓	✓	✓	✓	✓	✓
RVP-B 25-5S	3	5	85/60/40	1.8	3.2	0.80/0.60/0.44	0.40/0.30/0.22	✓	✓	✓		✓	✓	✓
RVP-B 32-5S	4	5	85/60/40	2.5	2.8	0.80/0.60/0.44	0.40/0.30/0.22	✓	✓	✓				
RVP-B 20-6S	2.8	6	100/70/55	1.8	3.6	0.90/0.70/0.50	0.45/0.35/0.25	✓	✓	✓	✓	✓	✓	✓
RVP-B 25-6S	3	6	100/70/55	2	3.5	0.90/0.70/0.50	0.45/0.35/0.25	✓	✓	✓		✓	✓	✓
RVP-B 32-6S	4	6	100/70/55	2	3.5	0.90/0.70/0.50	0.45/0.35/0.25	✓	✓	✓				
RVP-B 20-7S Pro	3.5	7	140/115/70	2	4.3		0.73/0.52/0.33		✓	✓	✓	✓	✓	✓
RVP-B 25-7S Pro	3.5	7	140/115/70	2.5	4		0.73/0.52/0.33		✓	✓		✓	✓	✓
RVP-B 32-7S Pro	5.3	7	140/115/70	2.5	4.9		0.73/0.52/0.33		✓	✓				
RVP-B 20-8SL	4	7.6	180/150/90	2	6		0.85/0.70/0.45		✓	✓				
RVP-B 25-8SL	4.5	7.6	180/150/90	2	6		0.85/0.70/0.45		✓	✓				
RVP-B 32-8SL	6	7.6	180/150/90	2	6		0.85/0.70/0.45		✓	✓				
RVP-B 25-8S	5.2	8	245/190/135	3.2	6	2.20/1.70/1.20	1.1/0.85/0.60	✓	✓	✓	✓	✓	✓	✓
RVP-B 32-8S	8	8	245/190/135	4	5.5	2.20/1.70/1.20	1.1/0.85/0.60	✓	✓	✓			✓	
RVP-B 15-9S	1.8	9	120/80/65	1	6	1.00/0.80/0.60	0.50/0.40/0.30	✓	✓	✓				
RVP-B 15-12S	3.5	12	270/240/160	2	9.5	2.40/2.20/1.50	1.2/1.1/0.75	✓	✓	✓				
RVP-B 20-12S	4	12	270/240/160	2	10	2.40/2.20/1.50	1.2/1.1/0.75	✓	✓	✓		✓		
RVP-B 25-12S	4	12	270/240/160	2	10	2.40/2.20/1.50	1.2/1.1/0.75	✓	✓	✓		✓		

RVP

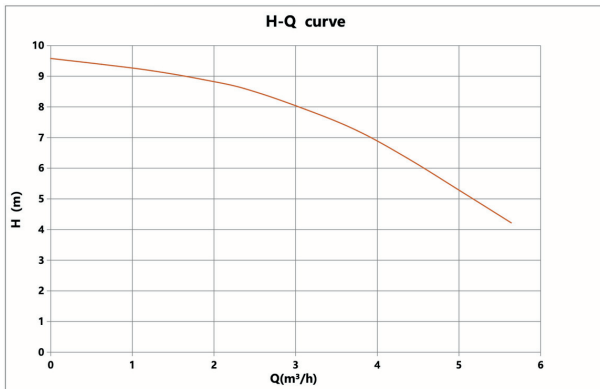
RVP-B HORIZONTAL CIRCULATION PUMPS



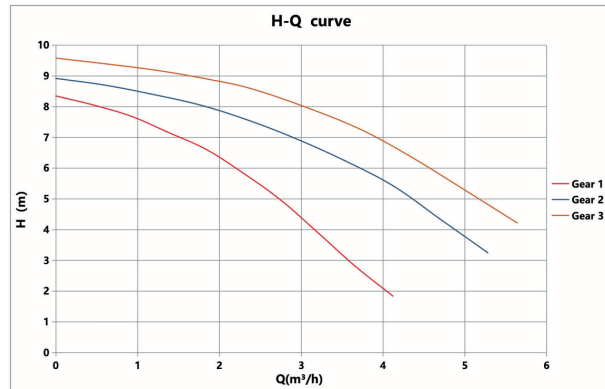
HORIZONTAL CIRCULATION PUMPS

PERFORMANCE CURVE

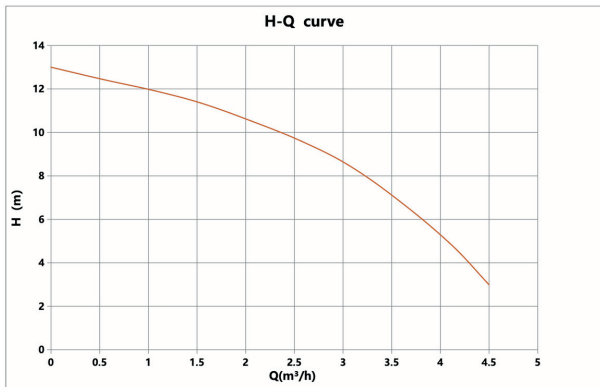
RVP-B 25-9Z



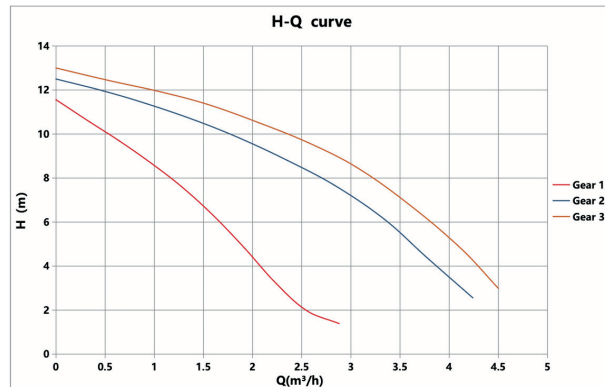
RVP-B 25-9ZXL



RVP-B 20-12Z

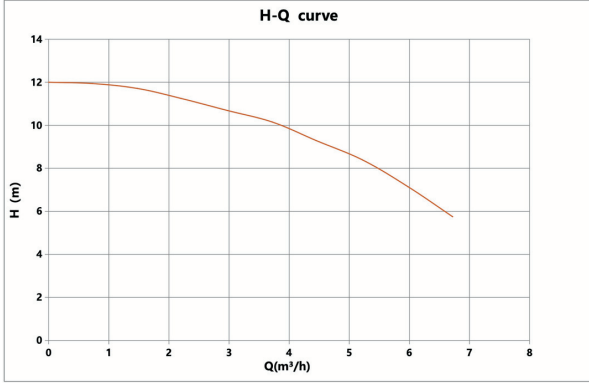


RVP-B 20-12SZXL

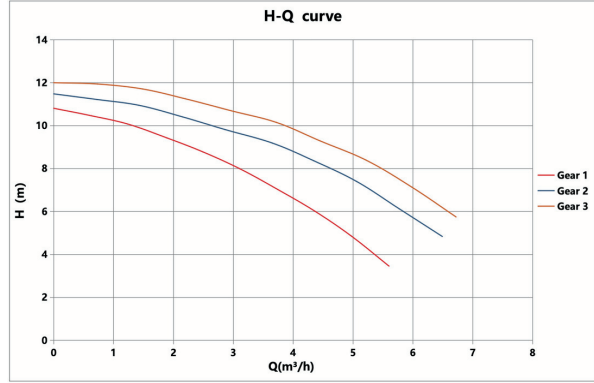


PERFORMANCE CURVE

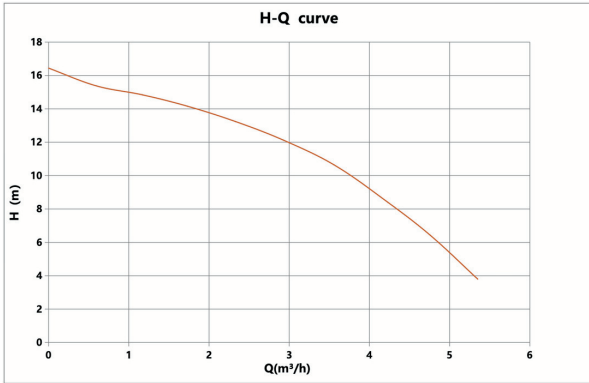
RVP-B 25-12Z



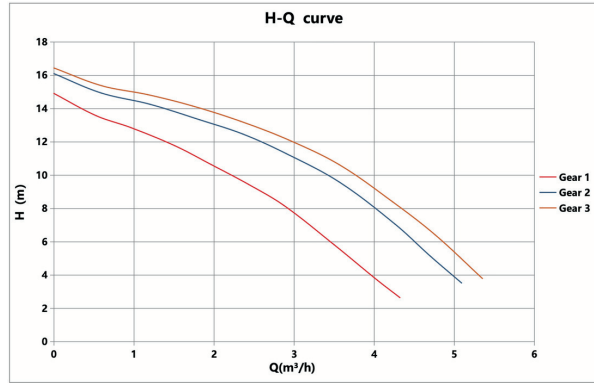
RVP-B 25-12SZXL



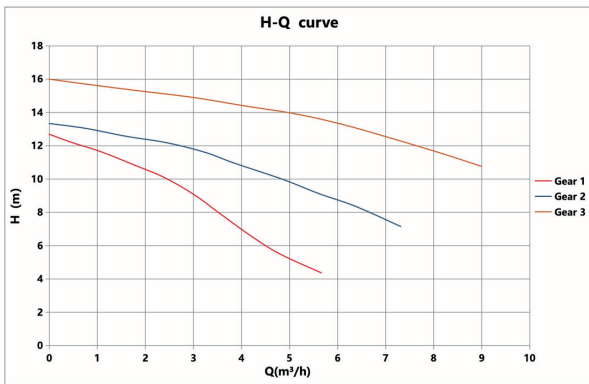
RVP-B 20-16Z



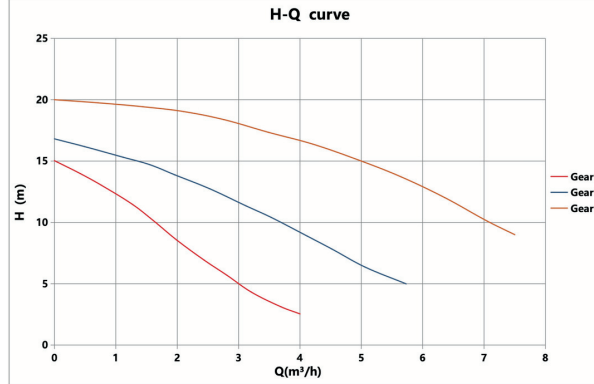
RVP-B 20-16AZXL



RVP-B 25-16SZ

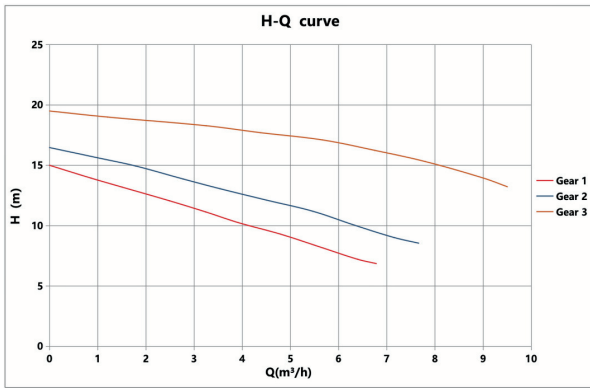


RVP-B 20-20SZ

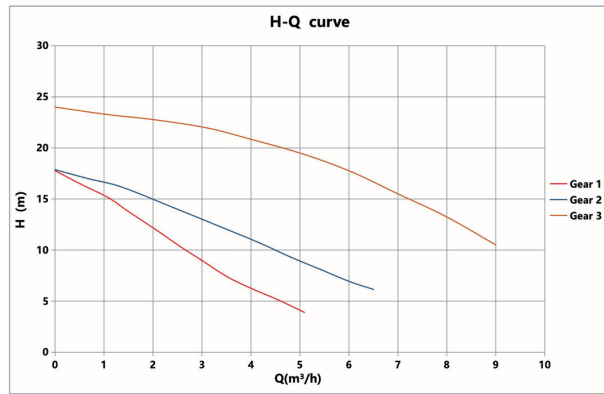


PERFORMANCE CURVE

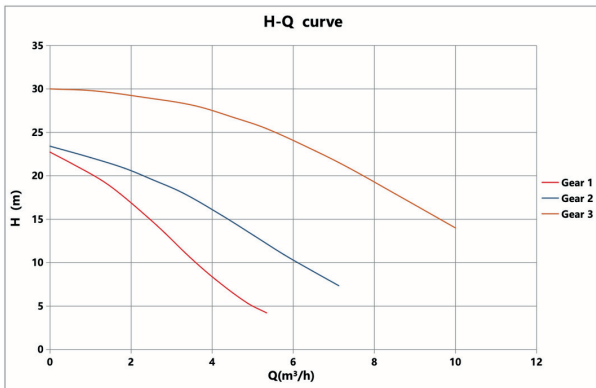
RVP-B 25-20SZ



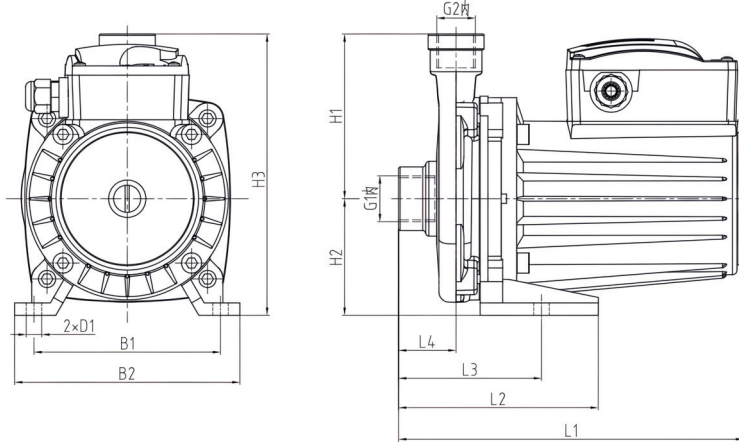
RVP-B 20-26SZ



RVP-B 20-35SZ



INSTALLATION DRAWING



Pump Model	Dimension										Weight (kg)		G1	G2	Package Size mmXmmXmm	Package Type	Sets/Box
	H1	H2	H3	L1	L2	L3	L4	B1	B2	D1	N.W.	G.W.	int.	int.			
RVP-B 25-9Z	110	72	182	209	130	114	45	104	132	10	6.5	7.2	1¼"	1"	450x350x260	Carton	1
RVP-B 25-9SZXL	110	72	182	209	130	114	45	104	132	9.5	6.5	7.2	1¼"	1"	450x350x260		1
RVP-B 20-12Z	106	75	181	202	127	92	37	120	145	10	6.4	7.1	1"	¾"	450x350x260		1
RVP-B 20-12SZXL	106	75	181	202	128	92	37	120	145	10	6.4	7.1	1"	¾"	450x350x260		1
RVP-B 25-12Z	110	72	182	229	130	114	45	104	132	10	8	8.7	1¼"	1"	450x350x260		1
RVP-B 25-12SZXL	110	72	182	229	130	114	45	104	132	9.5	8	8.7	1¼"	1"	290x275x350		1
RVP-B 20-16Z	106	75	181	222	127	92	37	120	145	10	10.6	12.2	1"	¾"	450x350x260		1
RVP-B 20-16SZXL	106	75	181	222	128	92	37	120	145	10	7.8	8.5	1"	¾"	450x350x260		1
RVP-B 25-16SZ	106	75	181	222	127	92	37	120	145	10	10.6	12.2	1¼"	1"	290x275x350		1
RVP-B 20-20SZ	140	91	244	272	171	121	43	154	180	12	13.7	15.3	1"	¾"	290x275x350		1
RVP-B 25-20SZ	130	93	244	268	165	148	48	134	164	12	11.6	13.2	1¼"	1"	290x275x350		1
RVP-B 20-26SZ	130	93	244	268	165	148	48	134	164	12	14.7	16.3	1"	¾"	290x275x350		1
RVP-B 20-35SZ	140	91	244	295	171	121	43	154	180	12	16.7	18.3	1"	¾"	290x275x350		1

PRODUCT PARAMETERS

Pump Model	Max. Flow (m³/h)	Max Head (m)	Power (w)		Rated Flow (m³/h)	Rated Head (m)	Rated Current (A)			Voltage (V)			Housing Material				
			230V	380V			115V	230V	380V	115	230	380V	Cast Iron	Plastic	Brass	Stainless Steel	Bronze
RVP-B 25-9Z	6	9	300	-	5	5	3	1.5	-	✓	✓	✓					
RVP-B 25-9SZXL	6	9	300/280/260	-	5	5	-	1.5/1.4/1.3	-	✓	✓	✓					
RVP-B 20-12Z	4.5	13	300	-	2	10	3	1.5	-	✓	✓	✓		✓			✓
RVP-B 20-12SZXL	4.5	13	300/280/260	-	2	10	-	1.5/1.4/1.3	-	✓	✓	✓		✓			
RVP-B 25-12Z	6.5	12	500	-	5	8.5	5	2.5	-	✓	✓	✓					
RVP-B 25-12SZXL	6.5	12	500/460/440	-	5	8.5	-	2.5/2.3/2.0	-	✓	✓	✓					
RVP-B 20-16Z	5	16	500	-	3	11.5	5	2.5	-	✓	✓	✓		✓			✓
RVP-B 20-16SZXL	5	16	500/460/440	-	3	11.5	-	2.5/2.3/2.0	-	✓	✓	✓		✓			✓
RVP-B 25-16SZ	9	16	700/550/410	700/580/500	7	12.5	-	3.4/2.4/1.8	2.05/1.03/0.87	✓	✓	✓					
RVP-B 20-20SZ	8	20	700/550/410	700/580/500	5	16	-	3.4/2.4/1.8	2.05/1.03/0.87	✓	✓	✓					
RVP-B 25-20SZ	10	20	1000/860/580	1000/770/670	9	14	-	4.9/3.8/2.6	2.30/1.30/1.20	✓	✓	✓					
RVP-B 20-26SZ	9	26	1000/860/580	1000/770/670	7	18	-	4.9/3.8/2.6	2.30/1.30/1.20	✓	✓	✓					
RVP-B 20-35SZ	10	30	1300/1100/800	1300/1000/930	5	25	-	5.8/4.9/3.5	3.05/1.75/1.60	✓	✓	✓					

RVP

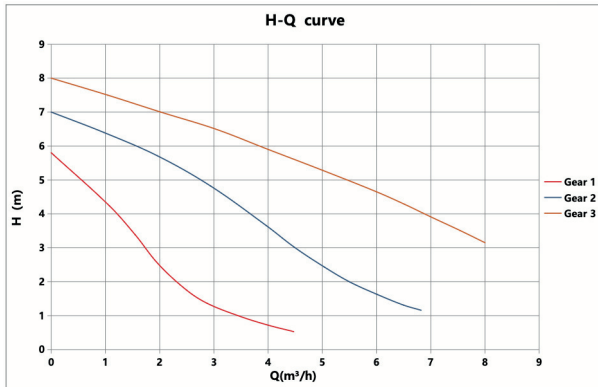
RVP-B FLANGE CIRCULATION PUMPS



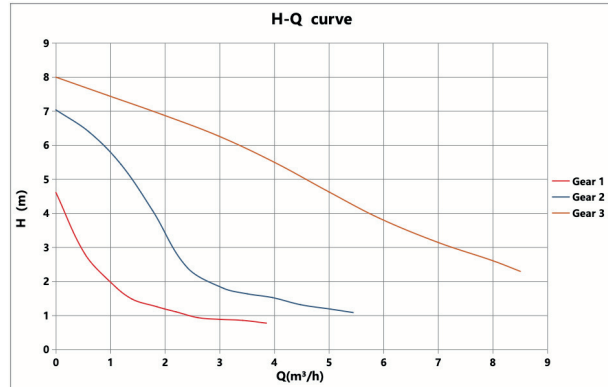
FLANGE CIRCULATION PUMPS

PERFORMANCE CURVE

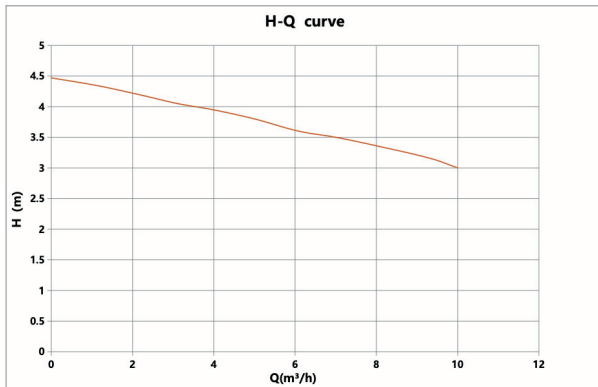
RVP-B 32-8SF



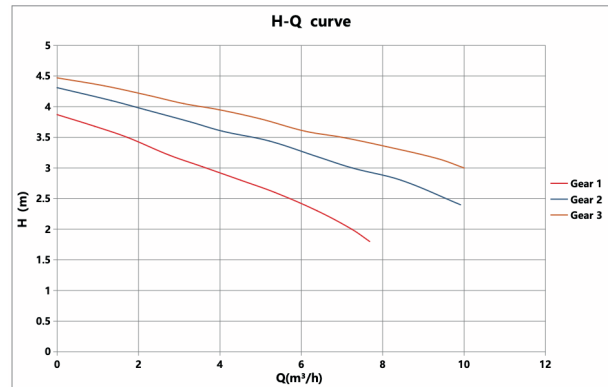
RVP-B 40-8SF



RVP-B 40-4.5F

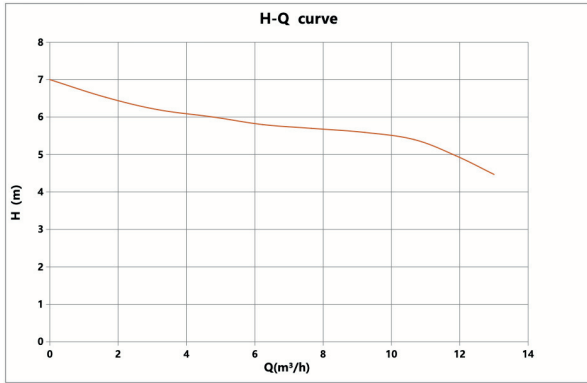


RVP-B 40-4.5SFXL

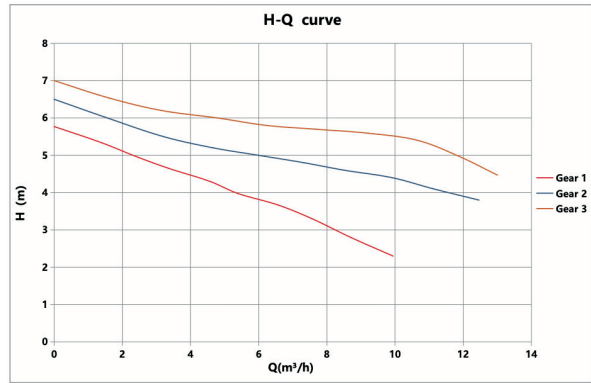


PERFORMANCE CURVE

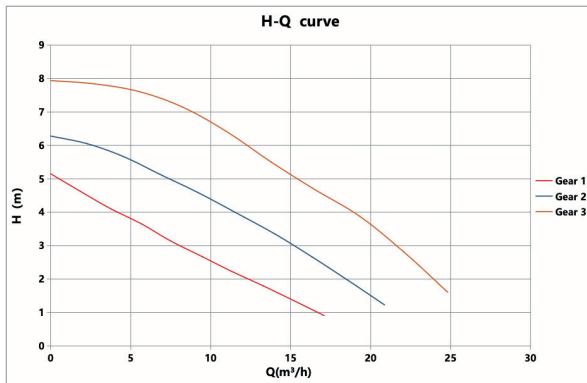
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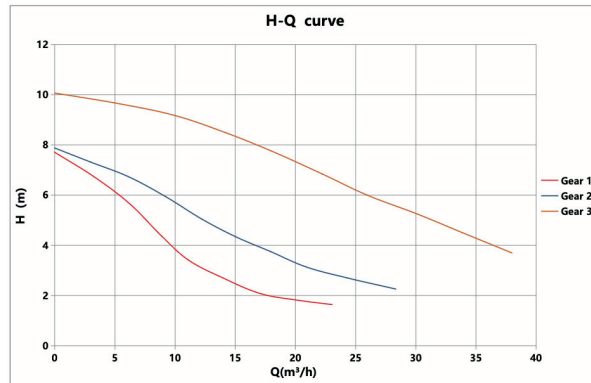
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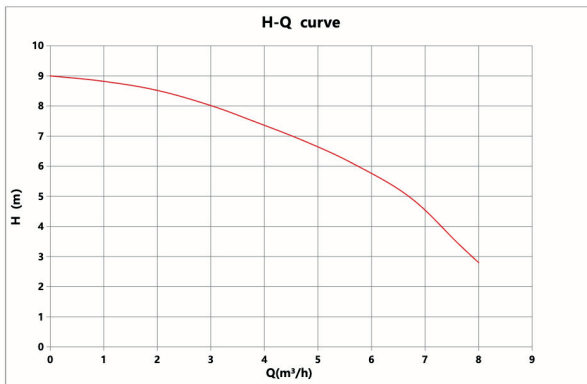
RVP-B 65-8SF PRO



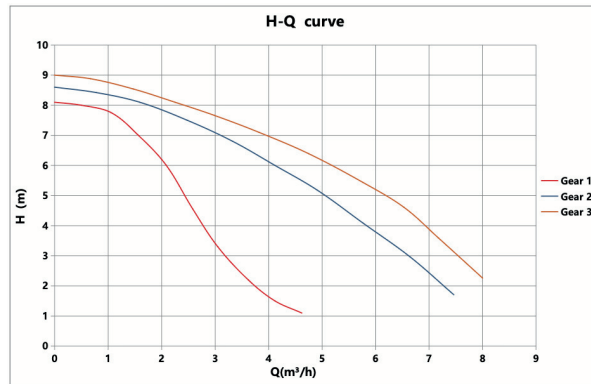
RVP-B 80-8SF PRO



RVP-B 32-9F

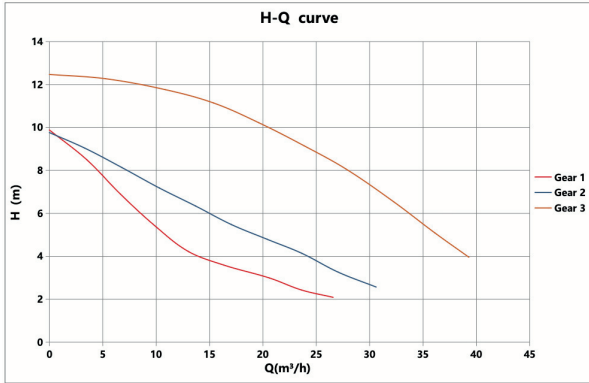


RVP-B 32-9SFXL

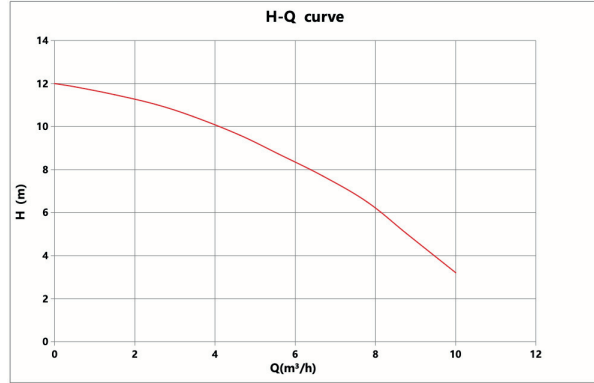


PERFORMANCE CURVE

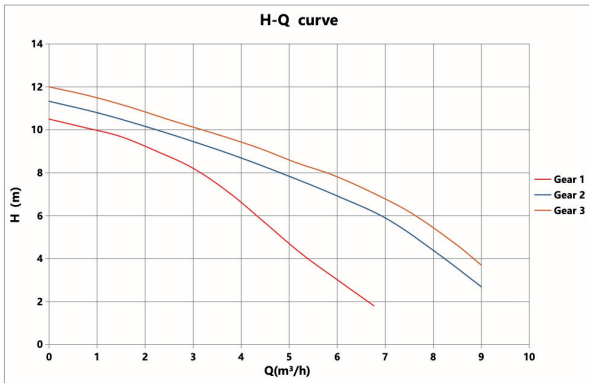
RVP-B 80-10SF PRO



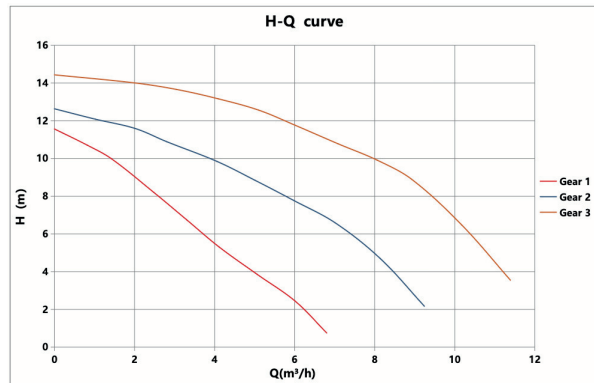
RVP-B 32-12F



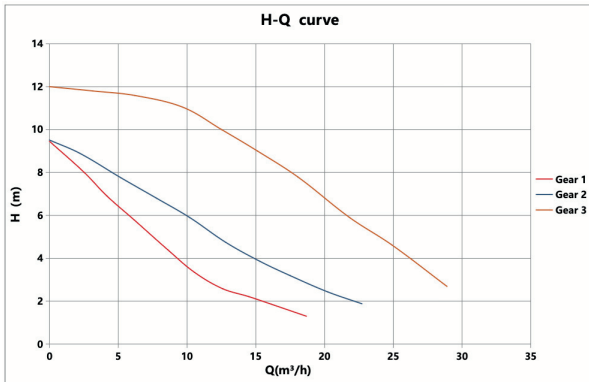
RVP-B 32-12SFXL



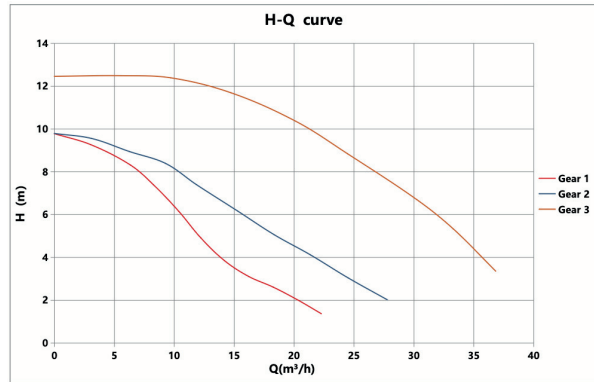
RVP-B 40-12SF PRO



RVP-B 50-12SF PRO

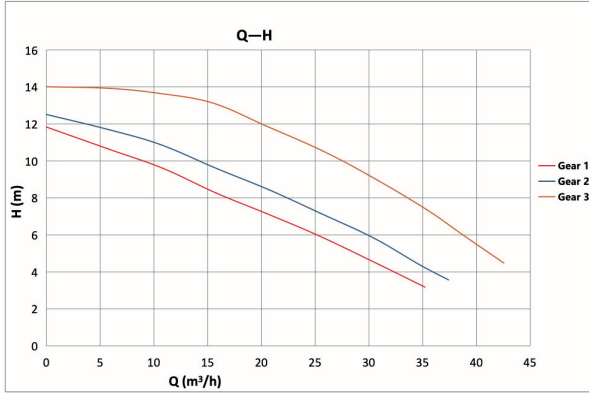


RVP-B 65-12SF PRO

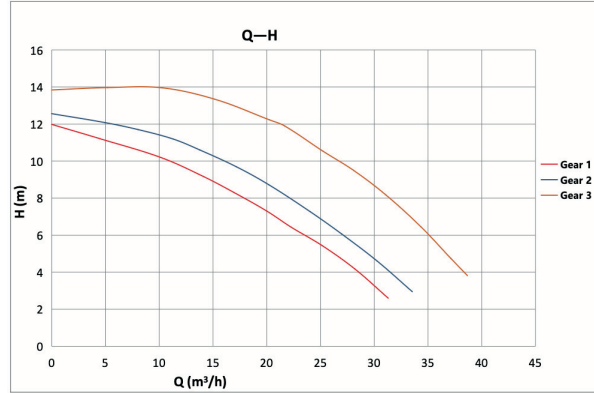


PERFORMANCE CURVE

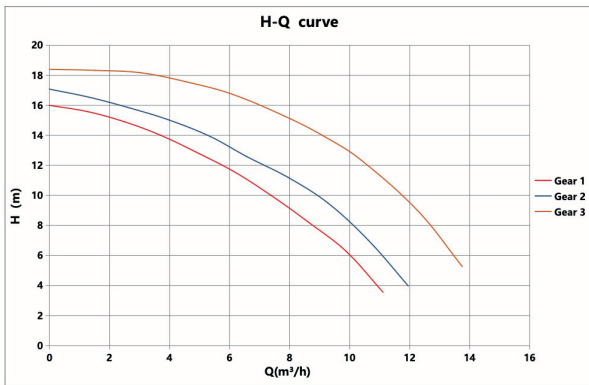
RVP-B 80-12SF PRO



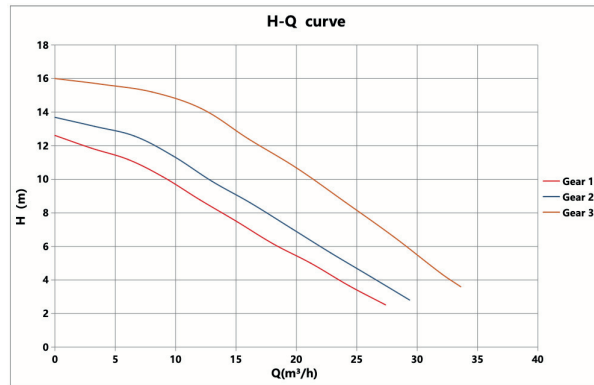
RVP-B 65-15SF



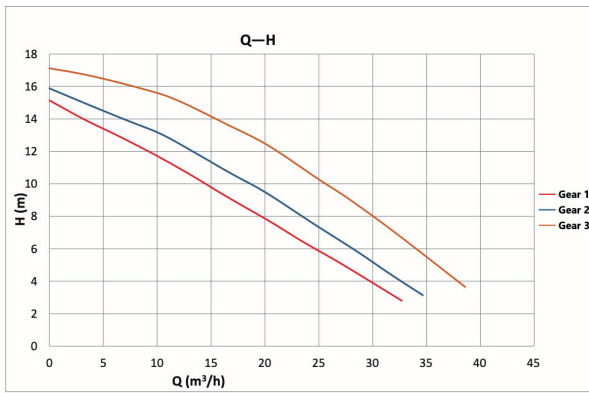
RVP-B 40-16SF PRO



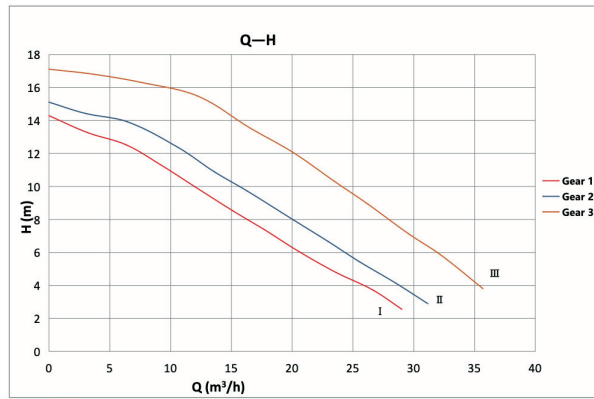
RVP-B 50-16SF PRO



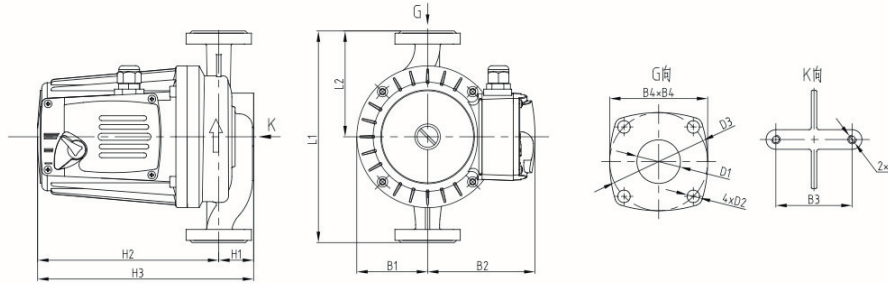
RVP-B 65-18SF



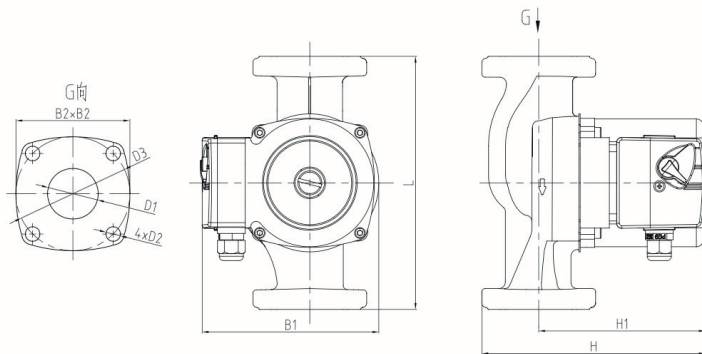
RVP-B 50-20SF PRO



INSTALLATION DRAWING



Pump Model	Dimension															Weight (kg)		Connetion Flange	Package Size mmxmmxmm	Package Type	Sets /Box
	H1	H2	H3	L1	L2	B1	B2	B3	B4	D1	D2	D3	D4	D5	D6	N.W.	G.W.				
RVP-B 40-4.5F	61	189	250	230	115	68	99	90	60	40	13.5	10	130	100	150	9.5	12.2	DN40-G2"	425x295x290	Carton	2
RVP-B 40-4.5SFXL	61	189	250	230	115	68	99	90	60	40	13.5	10	130	100	150	9.5	12.2	DN40-G2"	425x295x290	Carton	2
RVP-B 40-6F	61	189	250	230	115	68	99	90	60	40	13.5	10	130	100	150	10.8	13.5	DN40-G2"	400x285x305	Carton	2
RVP-B 40-6SFXL	61	209	270	230	115	68	99	90	60	40	13.5	10	130	100	150	10.8	13.5	DN40-G2"	400x285x305	Carton	2
RVP-B 65-8SF Pro	82	233	315	340	170	96	157	96	80	65	19	14	145	130	185	23.8	28.3	DN65-G2½"	415x315x445	Wooden case	1
RVP-B 80-8SF Pro	82	233	315	340	170	96	157	96	80	65	19	14	145	130	185	18.2	22.8	DN80-G3"	415x315x445	Wooden case	1
RVP-B 32-9F	49	165	214	220	110	68	99	70	90	40	11.5	90				8	9.7	DN32-G2"	530x420x255	Carton	4
RVP-B 32-9SFXL	49	165	214	220	110	68	99	70	90	40	11.5	90				8	9.7	DN32-G2"	530x420x255	Carton	4
RVP-B 80-10SF Pro	92	262	354	360	180	108	157	90	92	80	18	/	160	-	200	28.5	33	DN80-G3"	415x315x445	Wooden case	1
RVP-B 32-12F	49	185	234	220	110	68	99	70	90	40	11.5	90				9.3	10.9	DN32-G2"	530x420x280	Carton	4
RVP-B 32-12SFXL	49	185	234	220	110	68	99	70	90	40	11.5	90				9.3	10.9	DN32-G2"	530x420x280	Carton	4
RVP-B 40-12SF Pro	73	230	303	250	125	86	157	80	64	40	17.5	13.5	110	100	150	17.7	21.3	DN40-G2"	290x275x350 335x285x375	Carton Wooden case	1
RVP-B 50-12SF Pro	72	246	320	280	140	97	157	90	70	50	18	14	125	110	165	19.2	23.5	D50-(2"	335x295x435	Wooden case	1
RVP-B 65-12SF Pro	82	256	338	340	170	96	157	96	80	65	19	14	145	130	185	26.8	31.3	DN65-G2½"	415x315x445	Wooden case	1
RVP-B 80-12SF Pro	92	269	361	360	180	100	167	90	92	80	18	/	160	/	200	33.3	37.8	DN80-G3"	415x315x445	Wooden case	1
RVP-B 65-15SF	82	278	360	340	170	96	157	96	80	65	19	14	145	130	185	33.2	37.7	DN65-G2½"	415x315x445	Wooden case	1
RVP-B 40-16SF Pro	73	230	303	250	125	86	157	80	64	40	17.5	13.5	110	100	150	19.1	22.7	DN40-G2"	290x275x350 335x285x375	Carton Wooden case	1
RVP-B 50-16SF Pro	73	273	346	280	140	97	157	90	70	50	18	14	125	110	165	23	27.2	DN50-G2"	335x295x435	Wooden case	1
RVP-B 65-18SF	82	275	359	340	170	100.5	164.5	96	80	65	19	14	145	130	185	34.9	40.3	DN65-G2½"	405x385x430	Wooden case	1
RVP-B 50-20SF Pro	73	293	366	280	140	97	157	90	70	50	18	14	125	110	165	27.8	32	DN50-G2"	335x295x435	Wooden case	1



Pump Model	Dimension															Weight (kg)		Connection Flange	Package Size mmxmmxmm	Package Type	Sets/ Box	
	L	H	H1	H2	B	B1	B2	D1	D2	D3	D4	D5	D6	M	DN	N.W.	G.W.					
RVP-B 32-8SF	200	185	55	130	150			32	11.5						M8	DN32	5.8	7.4	DN32-G2"	470X370X225	Carton	4
RVP-B 40-8SF	250	180	60	120	160	75	85	40	13.5	17.5	100	110	150			DN40	8.1	12.4	DN40-G2"	275X400X285	Carton	2

PRODUCT PARAMETERS

Model	Max. Flow (m ³ /h)	Max Head (m)	Power (w)	Rated Flow (m/h)	Rated Head (m)	Rated Current (A)		Voltage (V)			Housing Material				
						115V	230V	115	230	Cast Iron	Plastic	Brass	Stainless Steel	Bronze	
RVP-B 32-8SF	8	8	245/190/135	4	5.5	2.20/1.70/1.20	1.1/0.85/0.60	✓	✓	✓					
RVP-B 40-8SF	8	8	245/190/135	4	5.5	2.20/1.70/1.20	1.1/0.85/0.60	✓	✓	✓					

Pump Model	Max. Flow (m ³ /h)	Max Head (m)	Power (w)		Rated Flow (m/h)	Rated Head (m)	Rated Current (A)			Voltage (V)			Housing Material				
			230V	380V			115V	230V	380V	115	230	380V	Cast Iron	Plastic	Brass	Stainless Steel	Bronze
RVP-B 40-4.5F	10	4.5	300		8	3.2	3	1.5	/	✓	✓		✓				
RVP-B 40-4.5SFXL	10	4.5	300/280/260		8	3.2		1.5/1.4/1.3	/		✓		✓				
RVP-B 40-6F	13	7	500		12	4.5	5	2.5	/	✓	✓		✓				
RVP-B 40-6SFXL	13	7	500/460/440		12	4.5		2.5/2.3/2.0	/		✓		✓				
RVP-B 65-8SF Pro	25	8	700/550/410	700/580/500	20	3		3.4/2.4/1.8	2.05/1.03/0.87		✓	✓	✓				
RVP-B 80-8SF Pro	32	8	1000/860/580	1000/770/670	25	5		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓	✓				
RVP-B 32-9F	8	9	300		5	6.5	3	1.5	/	✓	✓		✓				
RVP-B 32-9SFXL	8	9	300/280/260		5	6.5		1.5/1.4/1.3	/		✓		✓				
RVP-B 80-10SF Pro	35	10	1300/1100/800	1300/1000/930	25	8		5.8/4.9/3.5	3.05/1.75/1.60		✓	✓	✓				
RVP-B 32-12F	9	12	500		6	8	5	2.5	/	✓	✓		✓				
RVP-B 32-12SFXL	9	12	500/460/440		6	8		2.5/2.3/2.0	/		✓		✓				
RVP-B 40-12SF Pro	11	14	700/550/410	700/580/500	8	10		3.4/2.4/1.8	2.05/1.03/0.87		✓	✓	✓				
RVP-B 50-12SF Pro	28	12	1000/860/580	1000/770/670	16	8		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓	✓				
RVP-B 65-12SF Pro	36	12	1300/1100/800	1300/1000/930	20	10		5.8/4.9/3.5	3.05/1.75/1.60		✓	✓	✓				
RVP-B 80-12SF Pro	40	12		1500/1250/1100	25	10		/	3.50/2.05/1.85				✓	✓			
RVP-B 65-15SF	38	14		1500/1250/1100	20	11		/	3.50/2.05/1.85				✓	✓			
RVP-B 40-16SF Pro	13	18	1000/860/580	1000/770/670	8	13.5		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓	✓				
RVP-B 50-16SF Pro	30	15.5	1300/1100/800	1300/1000/930	16	12		5.8/4.9/3.5	3.05/1.75/1.60		✓	✓	✓				
RVP-B 65-18SF	35	17		1800/1450/1350	20	12		/	3.60/2.37/2.27				✓	✓			
RVP-B 50-20SF Pro	35	17		1500/1250/1100	16	13.5		/	3.50/2.05/1.85				✓	✓			

RVP

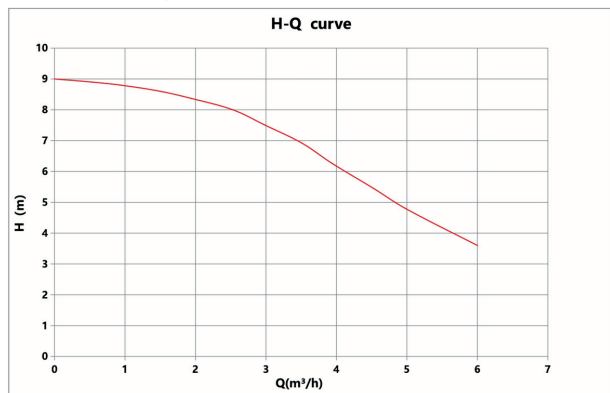
RVP-B CIRCULATION PUMPS (ABOVE 300W)



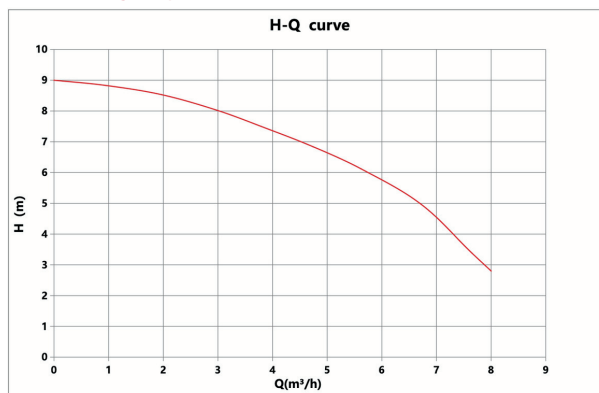
CIRCULATION PUMP ABOVE 300W

PERFORMANCE CURVE

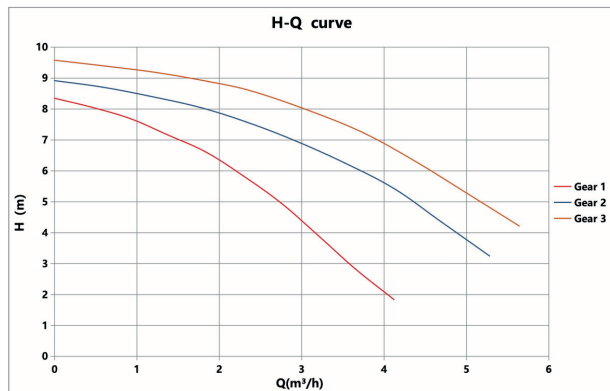
RVP-B 25-9



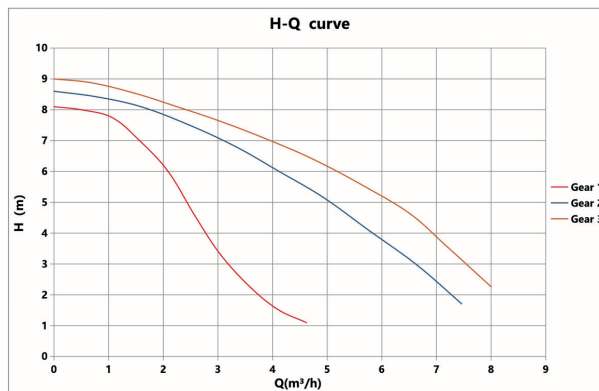
RVP-B 32-9



RVP-B 25-9SXL

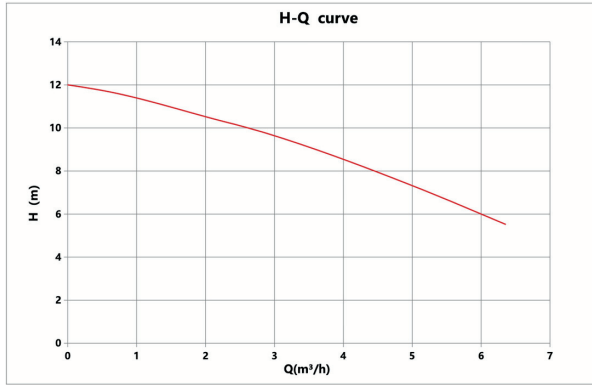


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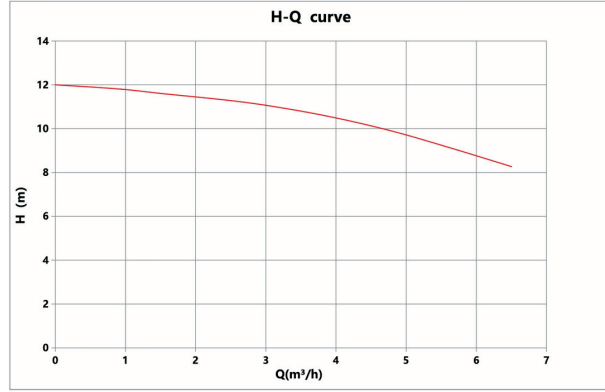


PERFORMANCE CURVE

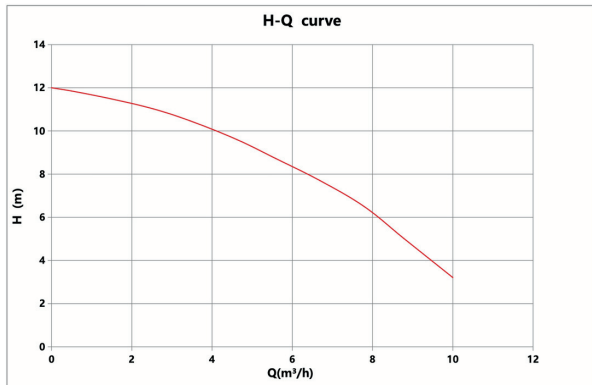
RVP-B 25-12L



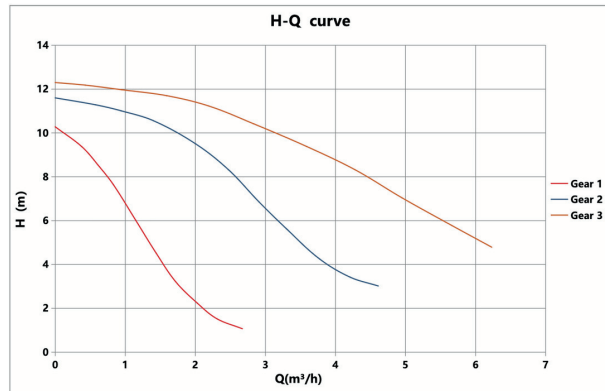
RVP-B 25-12



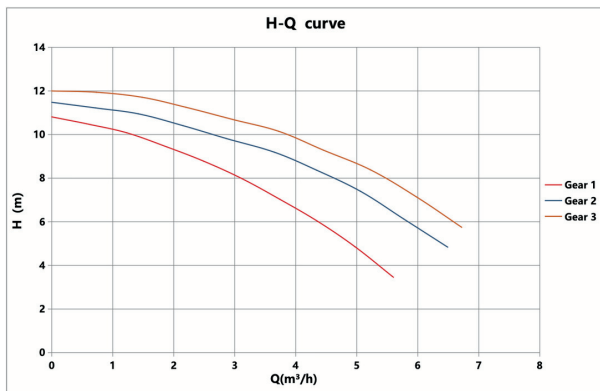
RVP-B 32-12



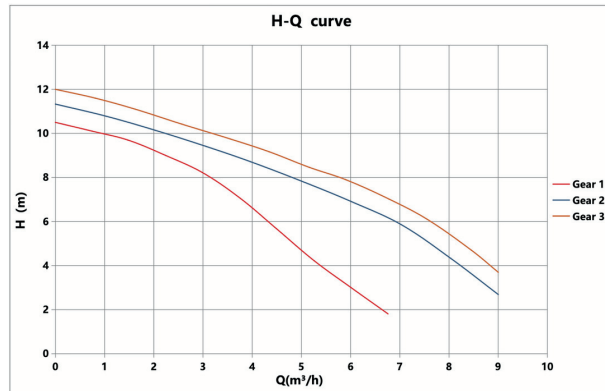
RVP-B 25-12SL



RVP-B 25-12SXL

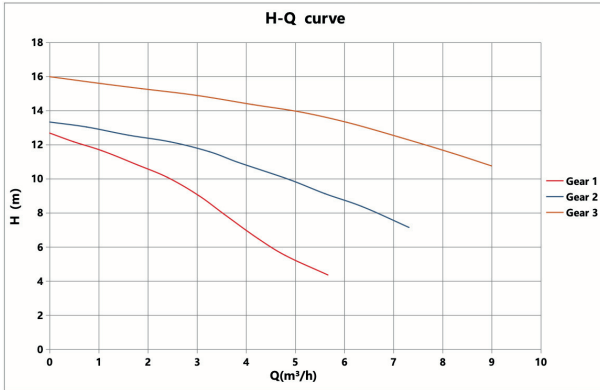


RVP-B 32-12SXL

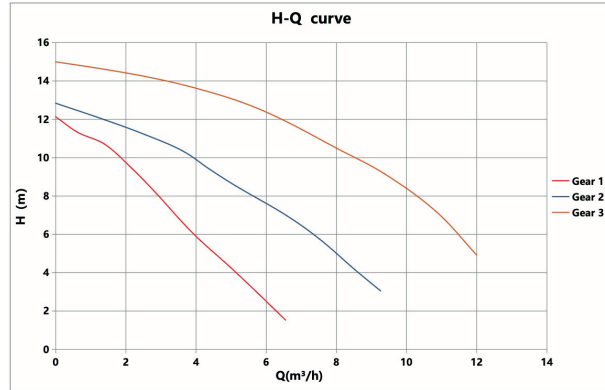


PERFORMANCE CURVE

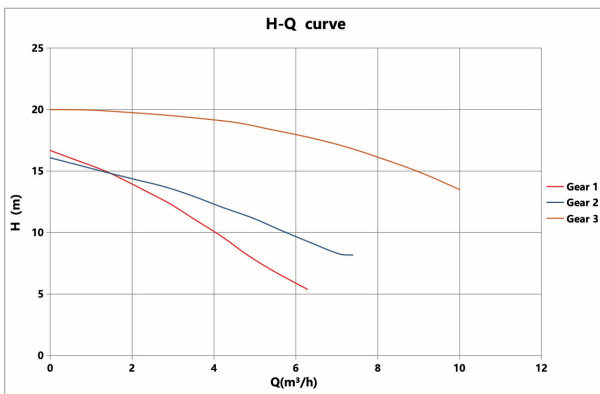
RVP-B 25-16S



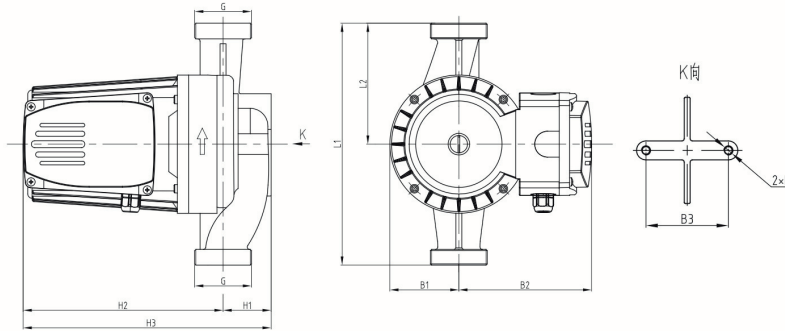
RVP-B 32-16S



RVP-B 25-20S



INSTALLATION DRAWING



Pump Model	Dimension										Weight (kg)		Connection Flange	Package Size mmXmmXmm	Package Type	Sets/ Box
	H1	H2	H3	L1	L2	B1	B2	B3	M	G	N.W.	G.W.				
RVP-B 25-9	44	165	209	180/220	90/110	68	99	70	M8	1 1/2"	6.4	6.8	G1 1/2"-G1"	530x420x255	Carton	4
RVP-B 32-9	49	165	214	180/220	90/110	68	99	70	M8	2"	7	8.1	G2"-G1 1/2"orG2"-G1 1/4"	530x420x255		4
RVP-B 25-9SXL	44	165	209	180/220	90/110	68	99	70	M8	1 1/2"	6.4	6.8	G1 1/2"-G1"	530x420x255		4
RVP-B 32-9SXL	49	165	214	180/220	90/110	68	99	70	M8	2"	7	8.1	G2"-G1 1/2"orG2"-G1 1/4"	530x420x255		4
RVP-B 25-12L	45	162	207	200	100	65	99	70	M8	1 1/2"	6.6	7	G1 1/2"-G1"	530x420x255		4
RVP-B 25-12	44	185	229	180/220	90/110	68	99	70	M8	1 1/2"	7.7	8.5	G1 1/2"-G1"	530x420x280		4
RVP-B 32-12	49	185	234	180/220	90/110	68	99	70	M8	2"	8.4	9.5	G2"-G1 1/2"orG2"-G1 1/4"	530x420x280		4
RVP-B 25-12SL	45	162	207	200	100	65	99	70	M8	1 1/2"	6.6	7	G1 1/2"-G1"	530x420x255		4
RVP-B 25-12SXL	44	185	229	180/220	90/110	68	99	70	M8	1 1/2"	7.7	8.5	G1 1/2"-G 3/4"	530x420x280		4
RVP-B 32-12SXL	49	185	234	180/220	90/110	68	99	70	M8	2"	8.4	9.5	G2"-G1 1/2"orG2"-G1 1/4"	530x420x280		4
RVP-B 25-16S	54	232	286	230	115	80	154	80	M10	1 1/2"or1 1/4"	12.5	13.6	G1 1/2"-G1"	290x275x350		1
RVP-B 32-16S	54	232	286	230	115	80	154	70		2"	12.5	13.6	G2"-G1 1/2"orG2"-G1 1/4"	290x275x350		1
RVP-B 25-20S	54	232	286	230	115	80	154	80	M10		13.4	14.7	G1 1/2"-G1"	290x275x350	1	

PRODUCT PARAMETERS

Pump Model	Max. Flow (m ³ /h)	Max Head (m)	Power (w)		Rated Flow (m/h)	Rated Head (m)	Rated Current (A)			Voltage (V)			Housing Material				
			230V	380V			115V	230V	380V	115	230	380V	Cast Iron	Plastic	Brass	Stainless Steel	Bronze
RVP-B 25-9	6	9	300		5	5	3	1.5			✓	✓				✓	
RVP-B 32-9	8	9	300		5	6.5	3	1.5			✓	✓					
RVP-B 25-9SXL	6	9	300/280/260		5	5		1.5/1.4/1.3				✓		✓			✓
RVP-B 32-9SXL	8	9	300/280/260		5	6.5		1.5/1.4/1.3				✓		✓			
RVP-B 25-12L	6	12	300		3.5	9	3	1.5			✓	✓		✓			
RVP-B 25-12	6.5	12	500		5	8.5	5	2.5			✓	✓		✓			✓
RVP-B 32-12	9	12	500		6	8	5	2.5			✓	✓		✓			
RVP-B 25-12SL	6	12	300/280/260		3.5	9		1.5/1.4/1.3				✓		✓			
RVP-B 25-12SXL	6.5	12	500/460/440		5	8.5		2.5/2.3/2.0				✓		✓			✓
RVP-B 32-12SXL	9	12	500/460/440		6	8		2.5/2.3/2.0				✓		✓			
RVP-B 25-16S	9	16	700/550/410	700/580/500	7	12.5		3.4/2.4/1.8	2.05/1.03/0.87		✓	✓	✓				
RVP-B 32-16S	12	16	700/550/410	700/580/500	7	12.5		3.4/2.4/1.8	2.05/1.03/0.87		✓	✓	✓				
RVP-B 25-20S	10	20	1000/860/580	1000/770/670	9	14		4.9/3.8/2.6	2.30/1.30/1.20		✓	✓	✓				