

Verderlobe

Hybrid Pump Revolution



VERDERLOBE®

Description

The Verderlobe Revolution by Wright Flow Technologies is the only pump available with patented hybrid rotary lobe and circumferential piston technology. The Revolution is the first hybrid rotary lobe and circumferential piston pump with front loaded seals.

The pumps are available in 7 gear box sizes with extended possibilities in flow rating. In this way 35 different replacement volumes are available.

The Revolution has a up to 15% better flow performance than competitors' CIP configuration with CPP version.

Your benefits

- Excellent CIP / SIP capabilities
- Easy maintenance, due to front loaded seals
- Self draining capability no dead space
- Identical rotor housing, therefor easy change between rotary lobe and circumferential piston pump
- Complete range of material options
- Rectangular flange available
- Heating/Cooling jacket available
- Hygienic ports optional

Technical Data

Max flow rate [m ³ /h]	190
Max differential pressure [bar]	31
Max viscosity [mPas]	250,000
Max temperature [°C]	150



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Overview

Size	Pump type	Model	Rotor	Connections [inch]	Max flow [l/rev]	Max. flow [m³/h]	Max differential pressure [bar]	Max pump speed [rpm]
1	CPP	R0035X	BW	0.75	0.017	0.8	21	800
	RLP	R0035X	LO	0.75	0.021	1.2	15	1000
	CPP	R0065X	BW	1	0.035	1.7	14	800
	RLP	R0065X	LO	1	0.041	2.5	7	1000
2	CPP	R0150X	BW	1.5	0.055	2.6	21	800
	RLP	R0150X	LO	1.5	0.061	3.6	15	1000
	RLP	R0160L	LO	1.5	0.081	4.9	10	1000
	CPP	R0180P	BW	1.5	0.11	5.3	14	800
	RLP	R0180L	LO	1.5	0.11	6.6	7	1000
3	CPP	R0200X	BW	1.5	0.16	8.0	21	800
	RLP	R0200X	LO	1.5	0.18	11	14	1000
	CPP	R0300X	BW	1.5	0.23	11	17	800
	RLP	R0300X	LO	1.5	0.25	15	9	1000
	CPP	R0400X	BW	2	0.29	14	14	800
	RLP	R0400X	LO	2	0.33	20	7	1000
4	CPP	R0450X	BW	2	0.4	15	31	600
	RLP	R0450X	LO	2	0.5	22	15	800
	CPP	R0600P	BW	2.5	0.6	21	21	600
	CPP	R0800X	BW	3	0.8	28	17	600
	RLP	R0800X	LO	2.5	0.8	39	9	800
	CPP	R1300X	BW	3	1.0	36	14	600
	RLP	R1300X	LO	3	1.1	51	7	800
	CPP	R1800X	BW	3	1.5	53	31	600
5	RLP	R1800X	LO	3	1.6	56	15	600
	CPP	R2200X	BW	4	2.0	71	21	600
	RLP	R2200X	LO	4	2.1	76	8	600
	CPP	R2600P	BW	4	2.5	91	14	600
	RLP	R3000L	LO	4	2.9	87	15	500
6	CPP	R3200P	BW	6	3.1	112	21	600
	CPP	R3800P	BW	6	3.8	138	14	600
	RLP	R3800L	LO	6	3.8	114	8	500
	RLP	R4000L	LO	6	5.2	126	15	400
7	CPP	R4000P	BW	6	6.2	148	28	400
	RLP	R5000L	LO	8	7.2	173	8	400
	CPP	R5000P	BW	8	9.0	190	14	350

CPP: Circumferential piston pump BW: Bi-Wing rotor
 RLP: Rotary lobe pump LO: Lobe rotor

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 at www.verderliquids.com

For construction, installation and floor mounting drawings
 please contact your local authorised Verderlobe® distributor.

VERDER
 passion for pumps