

High vacuum roots



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CRVP is our high vacuum root pump a simple rotary piston pump with a performance of the dry and oil lubricated backing pumps. CRVP pumps have a wide range of volume flow options and are easy to install in systems. We quote this pump with a by-pass valve system only. Our high vacuum root pumps have an oil-free working chamber which uses a low amount of oil in the bearing and gear sides. You can use two outlet points on this CRVP for easier installation to any kind of system.

The By-pass valve system is a great solution for starting from atmospheric pressure, therefore using fewer control parts and vacuum gauges or a frequency converter.

CRVP high vacuum root pumps volume flow is from 150 up to 5800 m³/hour, final vacuum is 5x10E-4 mbar (abs.).



CRVP 150-300-600-1200-2400-4800 high vacuum roots



CRVP 150-4800

Type	CRVP 150	CRVP 300	CRVP 600	CRVP 1200	CRVP 2400	CRVP 4800
Air24 Item	9005400001	9005400002	9005400003	9005400004	9005400005	9005400006
ph	3ph	3ph	3ph	3ph	3ph	3ph
Capacity (m ³ /h)	150	300	600	1200	2400	4800
Max final pressure* (mbar)	5x10 ⁻⁴	5x10 ⁻⁴	5x10 ⁻⁴	5x10 ⁻⁴	5x10 ⁻⁴	5x10 ⁻⁴
Voltage (V)	220-380-420	220-380-420	220-380-420	220-380-420	220-380-420	220-380-420
Power (KW)	0.75	1.1	2.2	3.7	7.5	15
Rotation speed (1/min)	3000	3000	3000	3000	3000	3000
Sound level (dB)						
Connection (In)	63-63	63-63	100-100	160-100	160-160	250-200
Size WxLxH (mm)	257x660x277	257x770x277	316x917x349	375x1059x440	456x1226x553	680x1483x592
Weight (Kg)	87	105	191	296	494	844
Oil filling (Litre)	0.6	0.6	1.6	2.4	4.7	7

* Maximum final pressure in pump system only



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