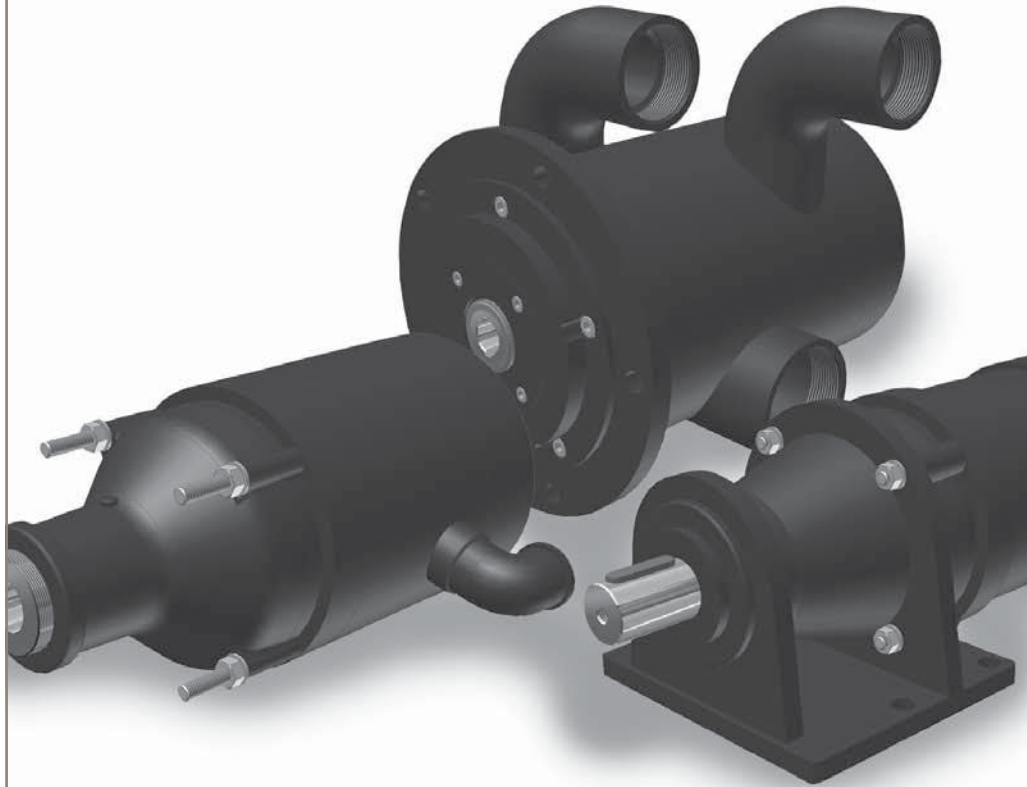




aerospace
climate control
electromechanical
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sealing & shielding



Large Air Motors

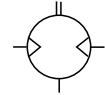
Series P1V-B

Catalogue PDE2541TCUK-ul. April 2009



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Note: All technical data is based on a working pressure of 6 bar.



Large Air Motors

These large motors are designed for use in the most arduous applications, requiring considerable power, torque, robustness and reliability

Data for reversible air motor

Max power	Free speed	Speed at max power	Torque at max power	Min start torque	Air consumption at max power	Conn.	Min pipe ID	Weight	Order code
kW	rpm	rpm	Nm	Nm	l/s		mm	Kg	
5,1	600	300	160	240	103	G1	25	30	P1V-B510A0060
9	1600	800	107	160	167	G1	25	36	P1V-B900B0160
9	800	400	215	320	167	G1	25	36	P1V-B900B0080
18	6000	3000	57	85	334	G2	43	53	P1V-BJ00C0600

Technical data:

Working pressure Max 7 bar
 Working temperature -30 °C to +100 °C
 Medium Filtered dry air and oil mist, purity class ISO 8573-1 class 3.-.5 for indoor use and with a dew point lower than ambient temperature for outdoor use

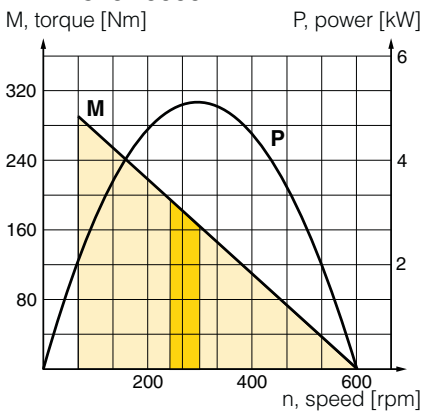
Material specification

Motor housing Painted steel
 Output shaft Hardened steel

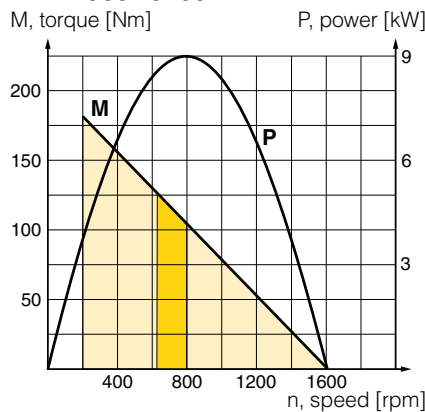
Table and diagram data

All values are typical values, with a tolerance of +/- 10%

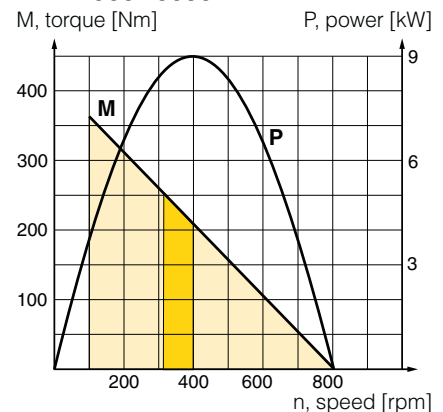
P1V-B510A0060



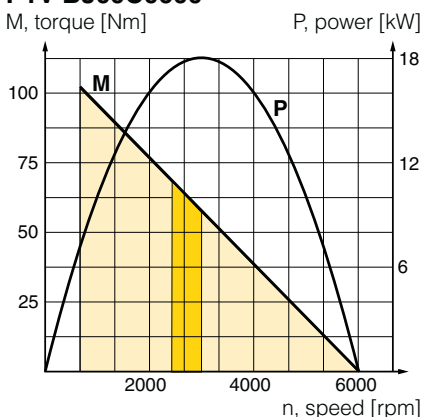
P1V-B900B0160



P1V-B900B0080



P1V-BJ00C0600



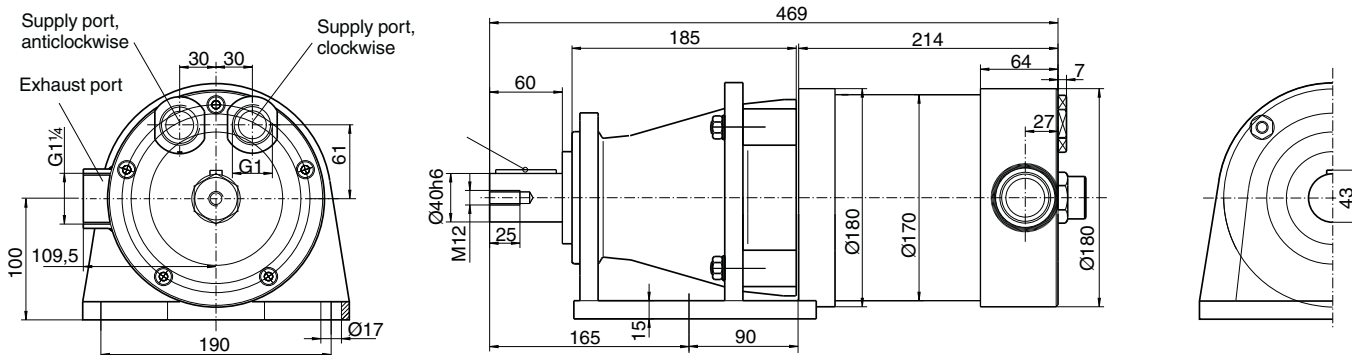
Possible working range of motor.



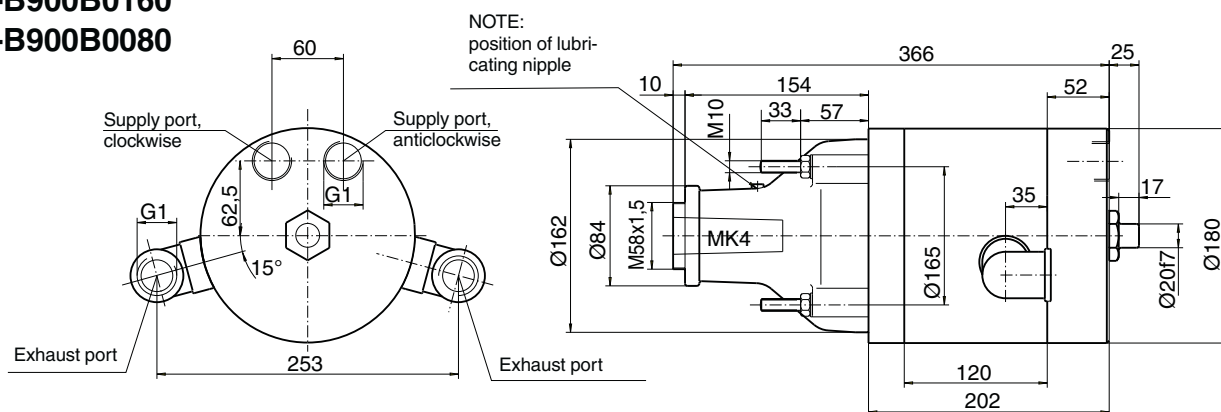
Optimum working range of motor.

Higher speeds = more vane wear
 Lower speeds with high torque = more gearbox wear

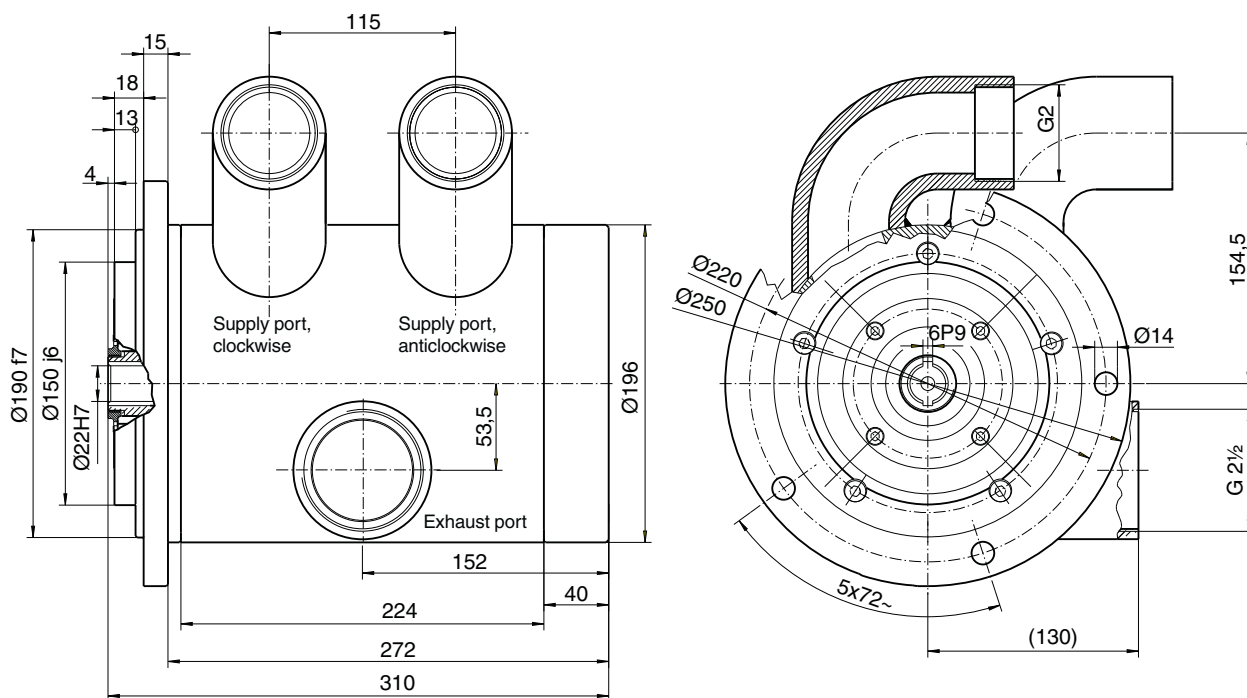
P1V-B510A0060



P1V-B900B0160 P1V-B900B0080



P1V-BJ00C0600



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