

**Radial piston air motors P1V-P**

P1V-P is a range of air motors using the radial piston principle. Radial piston motors can operate at a low speed while delivering high torque. The low speed keeps the noise level to a minimum, making this type of motor suitable for all applications that are subject to stringent noise level requirements.



- Three basic motors with 73.5, 125 and 228 watt power at 5 bar supply pressure
- Various gearboxes are available for these motors, to provide the right speed and torque for every application
- Equipped with a spring-loaded braking unit
- The medium used by the P1V-P is oil mist. This makes the motors unique in that they require no servicing at all.

**Operating information**

Working pressure: Max 6 bar  
 Temperature range: -10°C to +70°C  
 Medium: Oil mist, dry compressed air purity class 3.4.4 according to ISO8573-1  
 Gearboxes: Grease lubricated  
 For more information see [www.parker.com/euro\\_pneumatic](http://www.parker.com/euro_pneumatic)

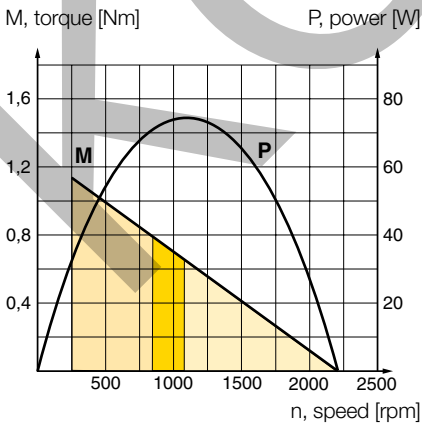
**Order key**

**P1V-P 012 F B 0060**

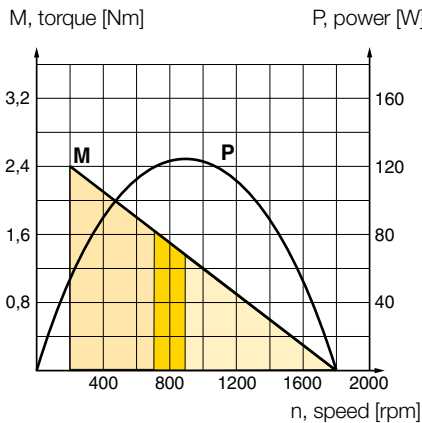
Motor size		Function		Function		Free speed/min	
007	74 W	A	Basic motor	0	Standard	2200	2200
012	125 W	B	Flange version	B	Brake	-	-
023	228 W	F	Foot version			0007	7

Air motor range	
P1V-P	Radial piston motor

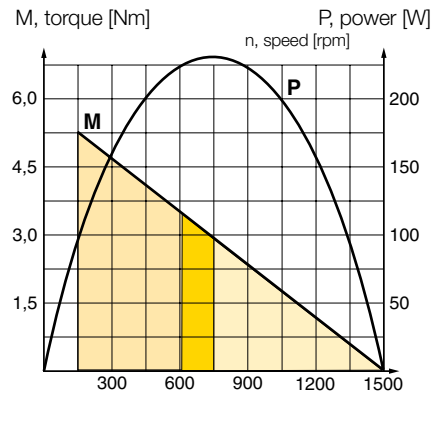
**P1V-P007\*\*2200**



**P1V-P012\*\*1800**



**P1V-P023\*\*1500**



Possible working range of motor.
  Optimum working range of motor.
  Working range with shorter service life.

Note! All technical data is based on a working pressure of 5 bar.



### Data for reversible basic motor

Max power kW	Speed at max power rpm	Torque at max power Nm	Min start torque Nm	Stall torque Nm	Brake torque Nm	Air consumption at max power l/s	Conn.	Min pipe ID mm	Weight Kg	Order code
0,0735	1100	0,637	0,686	1,18	-	3,34	G1/4	6	1,45	<b>P1V-P007A02200</b>
0,125	900	1,37	1,96	2,94	-	4,34	G1/4	10	2,5	<b>P1V-P012A01800</b>
0,228	750	2,94	4,71	5,88	-	6,67	G3/8	10	4,6	<b>P1V-P023A01500</b>

### Data for reversible basic motor with flange

Max power kW	Speed at max power rpm	Torque at max power Nm	Min start torque Nm	Stall torque Nm	Brake torque Nm	Air consumption at max power l/s	Conn.	Min pipe ID mm	Weight Kg	Order code
0,0735	1100	0,637	0,686	1,18	-	3,34	G1/4	6	1,45	<b>P1V-P007B02200</b>
0,125	900	1,37	1,96	2,94	-	4,34	G1/4	10	2,5	<b>P1V-P012B01800</b>
0,228	750	2,94	4,71	5,88	-	6,67	G3/8	10	4,6	<b>P1V-P023B01500</b>

### Data for reversible basic motor with foot

Max power kW	Speed at max power rpm	Torque at max power Nm	Min start torque Nm	Stall torque Nm	Brake torque Nm	Air consumption at max power l/s	Conn.	Min pipe ID mm	Weight Kg	Order code
0,0735	1100	0,637	0,686	1,18	-	3,34	G1/4	6	1,45	<b>P1V-P007F02200</b>
0,125	900	1,37	1,96	2,94	-	4,34	G1/4	10	2,5	<b>P1V-P012F01800</b>
0,228	750	2,94	4,71	5,88	-	6,67	G3/8	10	4,6	<b>P1V-P023F01500</b>