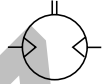


NOTE! All technical data are based on a working pressure of 6 bar and with oil. For oil-free performances are -10 to 15% lower. Speed tolerance accuracy $\pm 10\%$



II 2G Ex h IIC T4 Gb X

II 2D Ex h IIC T130°C Db X

**Robust motor reversible with keyed shaft, flange**

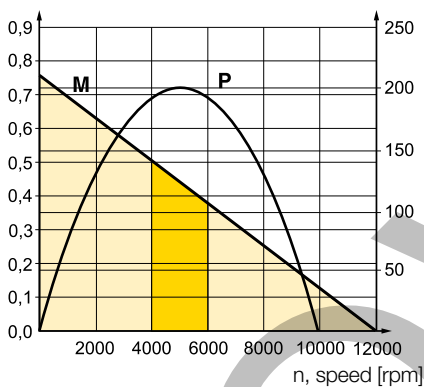
Max power	Free speed*	Nominal speed	Nominal torque	Min start torque	Air consumption at max power	Conn.	Min pipe ID	Weight	Order code
kW	rpm	rpm	Nm	Nm	l/s		mm	Kg	
0,200	10 000	5 000	0,38	0,57	5	G1/8	10	1,00	P1V-M020B0A00
0,400	10 000	5 000	0,76	1,10	10	G3/8	12	1,40	P1V-M040B0A00
0,600	10 000	5 000	1,10	1,70	15	G3/8	13	1,60	P1V-M060B0A00
0,900	10 500	5 250	1,60	2,40	36,7	G1/2	13	3,10	P1V-M090B0A00
1,200	10 500	5 250	2,20	3,30	43,3	G1/2	13	3,80	P1V-M120B0A00

* maximum admissible speed (idling)

P1V-M020B0A00

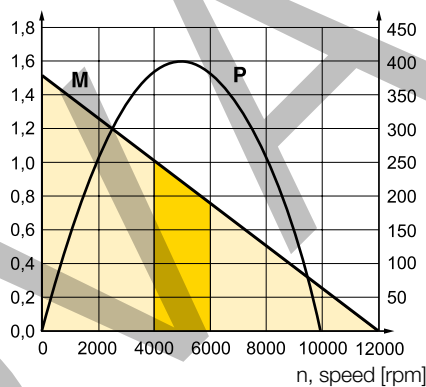
M, torque [Nm]

P, power [W]

**P1V-M040B0A00**

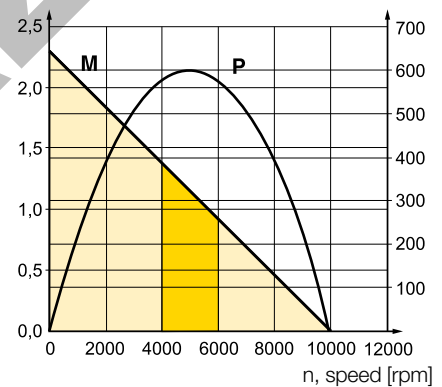
M, torque [Nm]

P, power [W]

**P1V-M060B0A00**

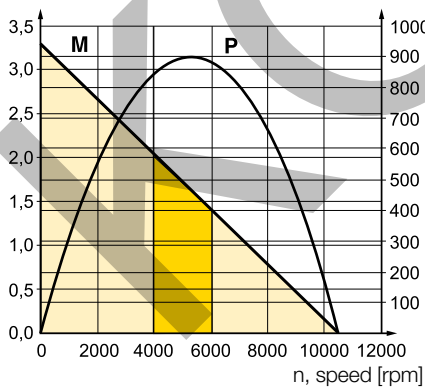
M, torque [Nm]

P, power [W]

**P1V-M090B0A00**

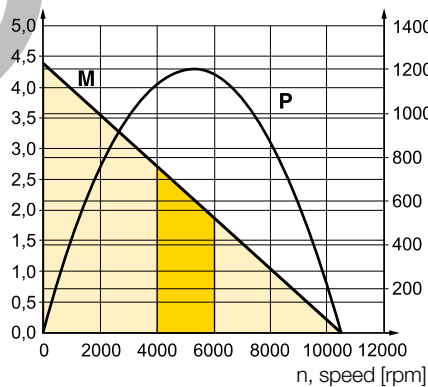
M, torque [Nm]

P, power [W]

**P1V-M120B0A00**

M, torque [Nm]

P, power [W]



 Possible working range of motor.

 Optimum working range of motor.

Higher speeds = more vane wear

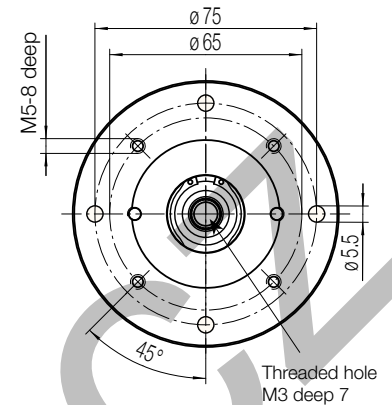
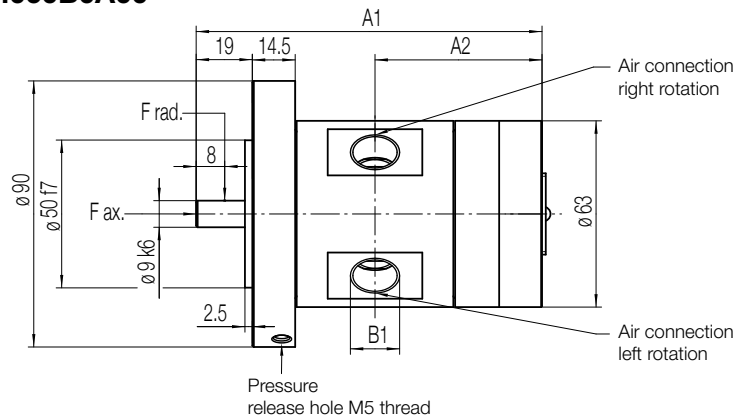
Lower speeds with high torque = more gearbox wear

Dimensions (mm)

Motor P1V-M020B0A00

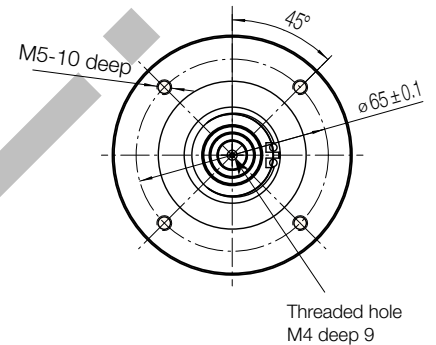
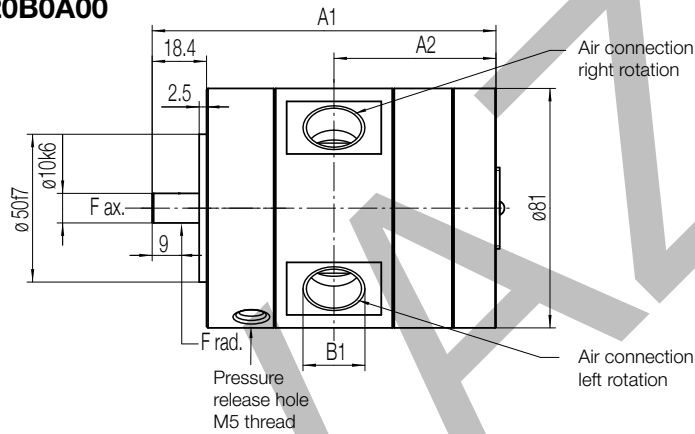
Motor P1V-M040B0A00

Motor P1V-M060B0A00

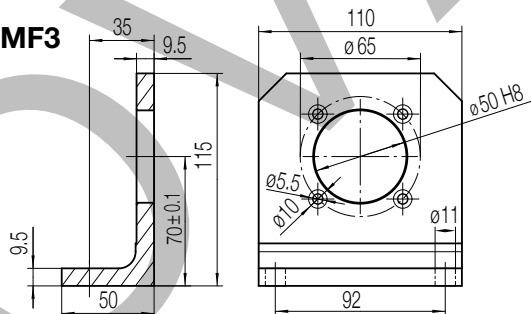


Motor P1V-M090B0A00

Motor P1V-M120B0A00



Foot bracket P1V-MF3



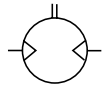
Motor type	Dimensions (mm)			Key on shaft
	A1	A2	B1	
P1V-M020B0A00	82	39	G1/8	DIN6885 A3x3x10
P1V-M040B0A00	102	49	G3/8	DIN6885 A3x3x10
P1V-M060B0A00	117	56.5	G3/8	DIN6885 A3x3x10
P1V-M090B0A00	116.3	54.8	G1/2	DIN6885 A3x3x18
P1V-M120B0A00	136.3	64.3	G1/2	DIN6885 A3x3x18

NOTE! All technical data are based on a working pressure of 6 bar and with oil. For oil-free performances are -10 to 15% lower. Speed tolerance accuracy $\pm 10\%$



II 2G Ex h IIC T4 Gb X

II 2D Ex h IIC T130°C Db X



Robust reversible motor with keyed shaft, flange

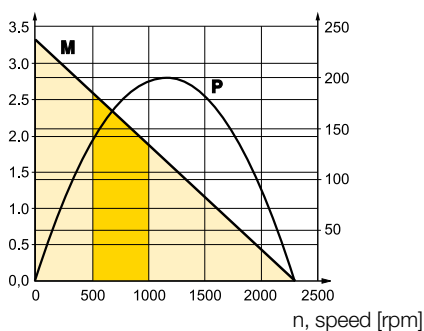
Max power	Free speed*	Nominal speed	Nominal torque	Min start torque	Air consumption at max power	Conn.	Min pipe ID	Weight	Order code
kW	rpm	rpm	Nm	Nm	l/s		mm	Kg	
0,200	2 300	1 150	1,60	2,40	5	G1/8	10	2,40	P1V-M020C0230
0,200	1 460	730	2,60	3,90	5	G1/8	10	2,40	P1V-M020C0146
0,200	540	270	7,00	10,50	5	G1/8	10	2,80	P1V-M020C0054
0,200	340	170	11,20	16,80	5	G1/8	10	2,80	P1V-M020C0034
0,200	210	105	18,20	27,30	5	G1/8	10	2,80	P1V-M020C0021
0,200	120	60	31,80	47,70	5	G1/8	10	3,20	P1V-M020C0012
0,200	80	40	47,80	71,70	5	G1/8	10	3,20	P1V-M020C0008
0,200	32	16	80**	80**	5	G1/8	10	3,20	P1V-M020C0003

* maximum admissible speed (idling) / ** gear box restriction

P1V-M020C0230

M, torque [Nm]

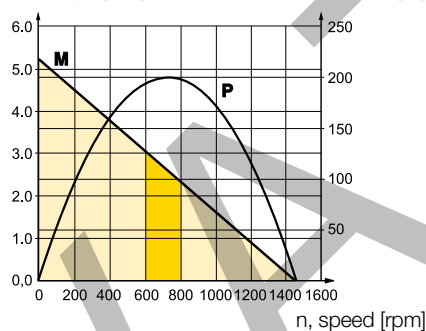
P, power [W]



P1V-M020C0146

M, torque [Nm]

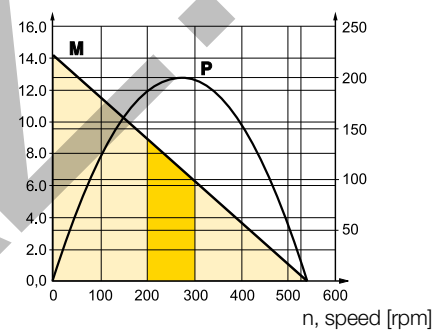
P, power [W]



P1V-M020C0054

M, torque [Nm]

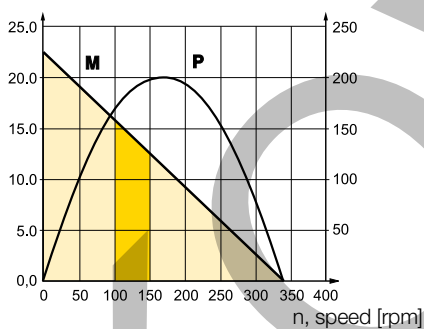
P, power [W]



P1V-M020C0034

M, torque [Nm]

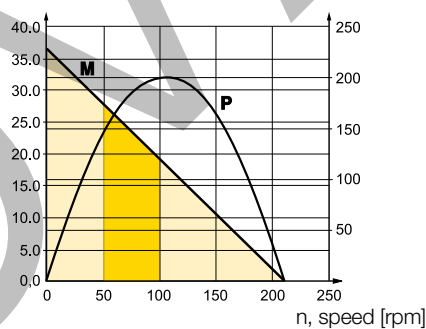
P, power [W]



P1V-M020C0021

M, torque [Nm]

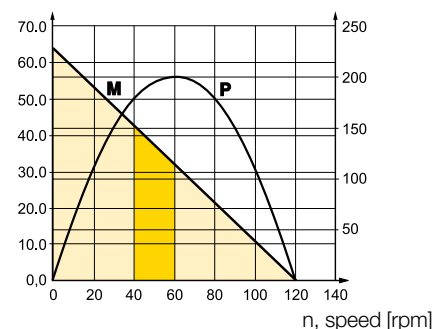
P, power [W]



P1V-M020C0012

M, torque [Nm]

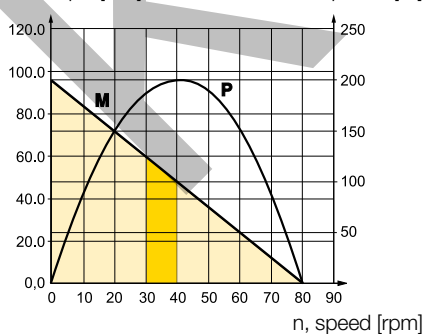
P, power [W]



P1V-M020C0008

M, torque [Nm]

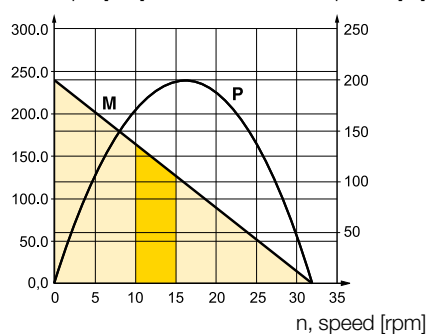
P, power [W]



P1V-M020C0003

M, torque [Nm]

P, power [W]



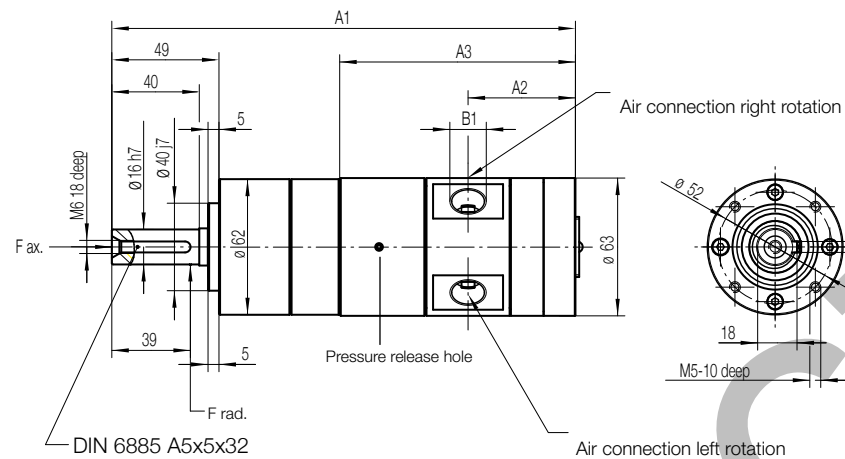
Possible working range of motor.

Optimum working range of motor.

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

Dimensions (mm)

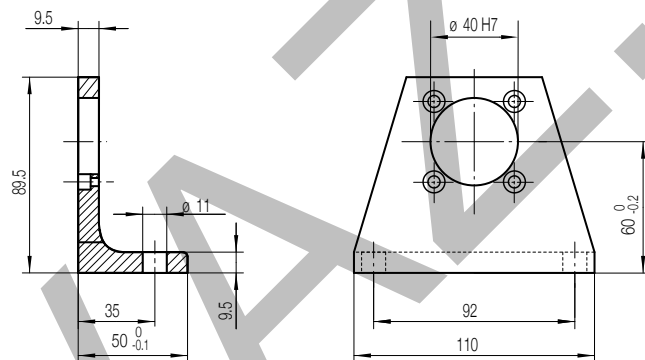
Motor P1V-M020C



Motors have 2 or 3 openings at the outside of the gearbox which must stay open in order to guarantee troublefree operation.

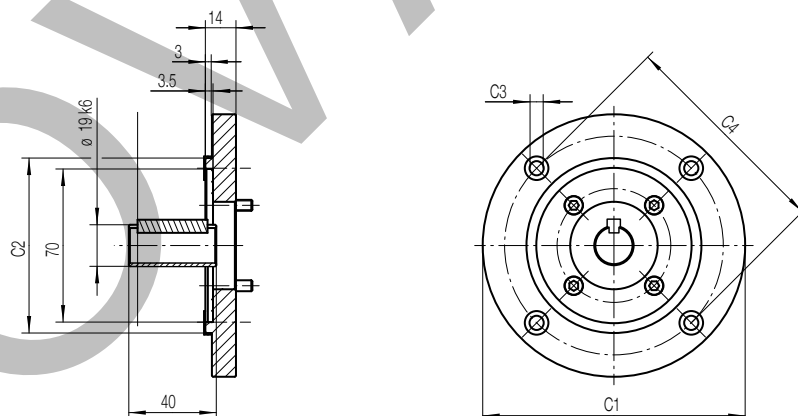
Foot bracket

P1V-MF4



Flanges

P1V-MF8, P1V-MF9



Motor size				Dimensions (mm)			
				A1	A2	A3	B1
200 watts	P1V-M020C0230	P1V-M020C0034		192.5	39	88	G1/8
	P1V-M020C0146	P1V-M020C0021	P1V-M020C0008	208.5	39	88	G1/8
	P1V-M020C0054	P1V-M020C0012	P1V-M020C0003	224	39	88	G1/8

Motor type					Dimensions (mm)			
					C1	C2	C3	C4
P1V-M020C	(IEC80 B5) P1V-MF9				200	130f7	11	165
	(IEC80 B14) P1V-MF8				120	80f7	M6	100