

HYDRAULIC AXIAL PISTON MOTOR

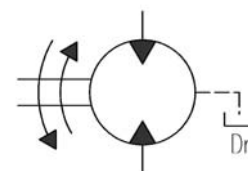


Characteristics

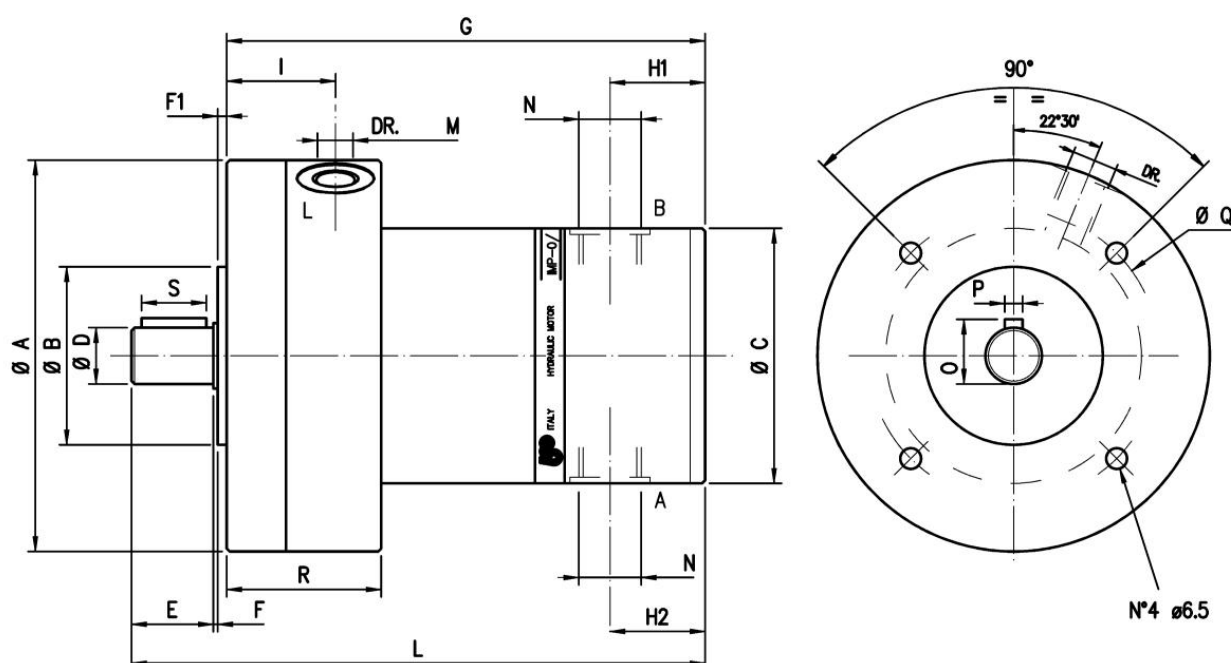
TYPE	Displacement	Max. pressure	Max. speed	Max. Torque	Max. Power	Weight
IMP- 0/10	9.5 cm ³ /rev.	100 bar	2200 rpm	14 Nm	3.2 Kw	3 Kg.
IMP- 0/15	15.5 cm ³ /g.	150 bar	1800 rpm	33 Nm	6.5 Kw	7 Kg.
IMP- 0/20	21 cm ³ /g.	150 bar	1500 rpm	45 Nm	7.5 Kw	7 Kg
IMP- 0/25	25 cm ³ /g.	150 bar	1300 rpm	56 Nm	8.5 Kw	7 Kg

Description Quick hydraulic axial piston motors – reversible and fixed displacement with rotating distribution.

Symbol



Dimensions



TYPE	Ø A	Ø B	Ø C	Ø D h6	E	F	F1	G	H1	H2	I	L	M BSP	N BSP	O	P	Ø Q	R	S
IMP- 0/10	86	55 h7	60	15	20	2	3	128	19	30	24	153	1/4"	3/8"	16.5	4	72	37	15
IMP- 0/15	112	60 h6	86	19	28	1	3	157	32.5	25.5	39	189	1/4"	1/2"	21.5	6	98	52	18
IMP- 0/20																			
IMP- 0/25																			

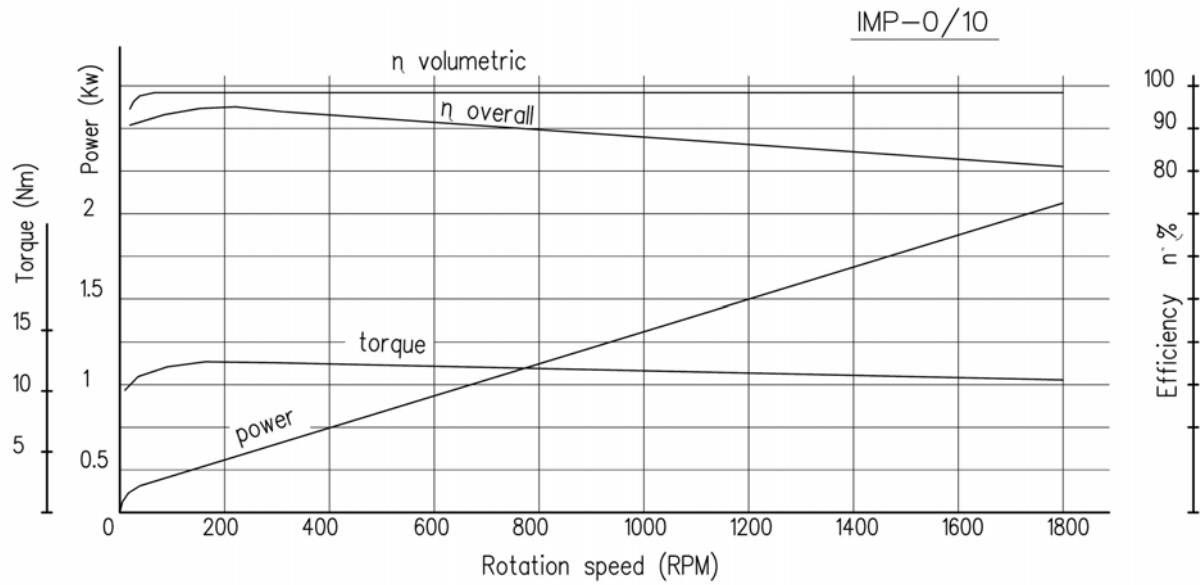
Installation rules

- It can be mounted in any direction
- It doesn't stand axial and radial loads on the shaft
- Fluid to be used: hydraulic oil in compliance with DIN 51524 and viscosity between 30 and 100 mm²/s (cSt) at 40°C
- Recommended filtration: 25µ
- Oil temperature: from -20° to +75°C
- Rotation (from shaft side): Clockwise by feeding "A" port
Counter clockwise by feeding "B" port

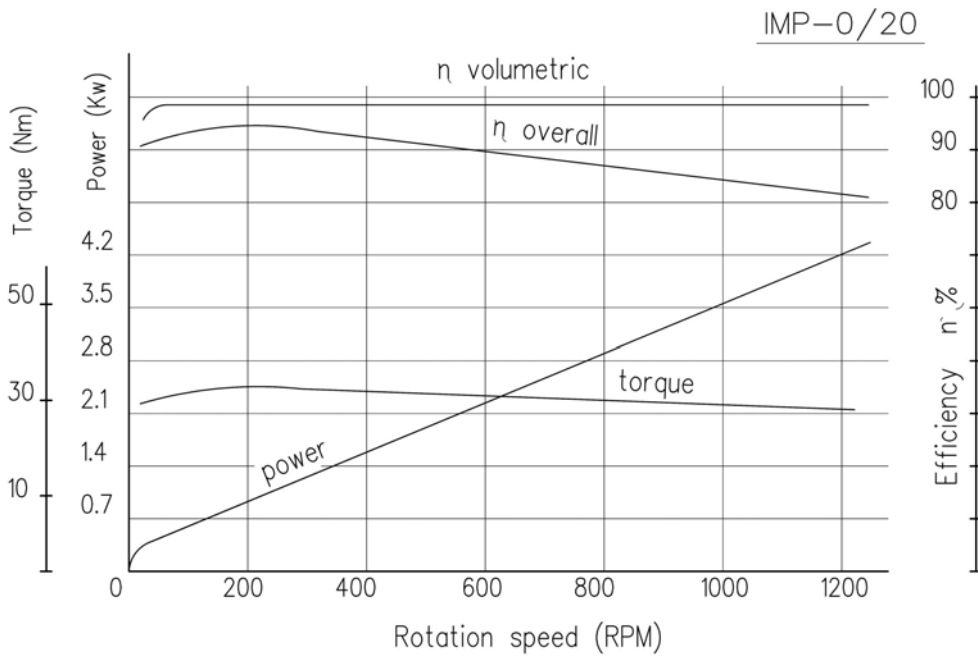
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Diagram



Diagram



Ordering code

IMP - 0 / ** / **

E = Encoder prearrangement DT = speedometer dynamo prearrangement

Displacement: **10** = 9,5 c³/rev **15** = 15,5 c³/rev **20** = 21 c³/rev **25** = 25 c³/rev

Hydraulic axial piston motor