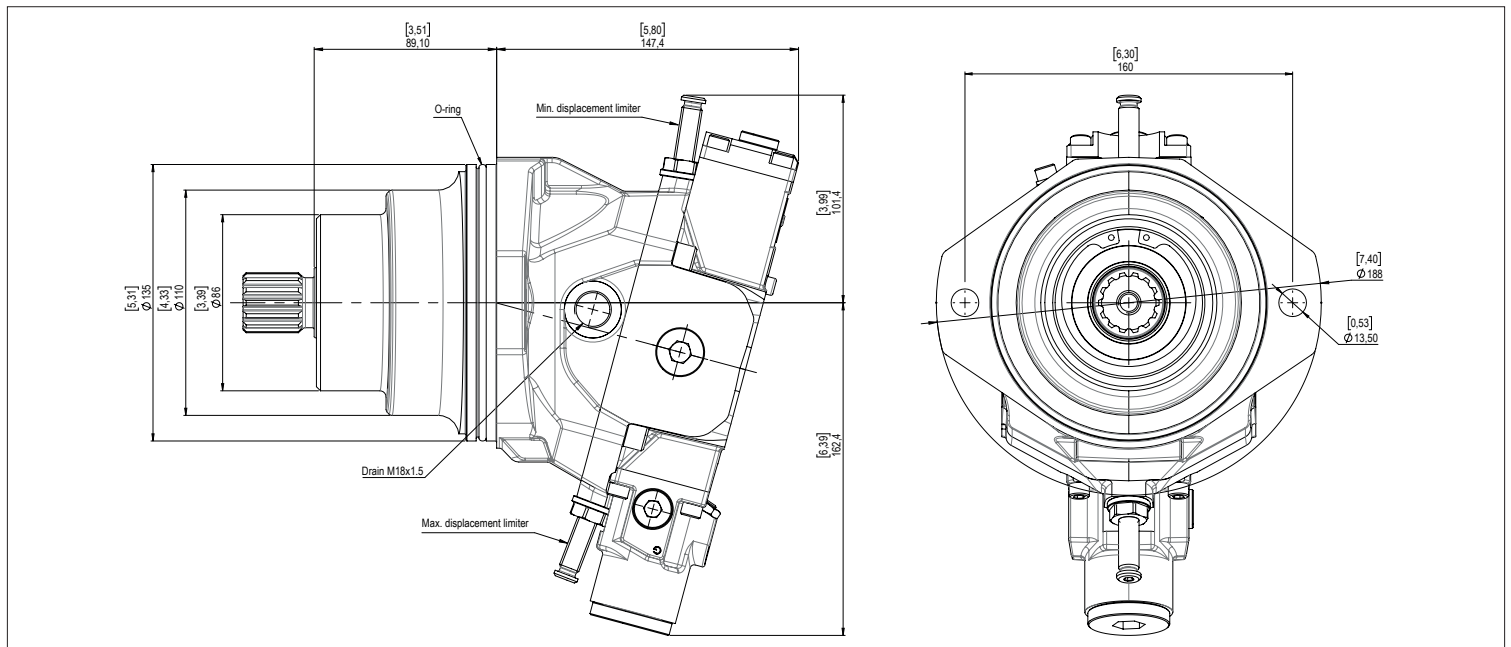


MVSI 28



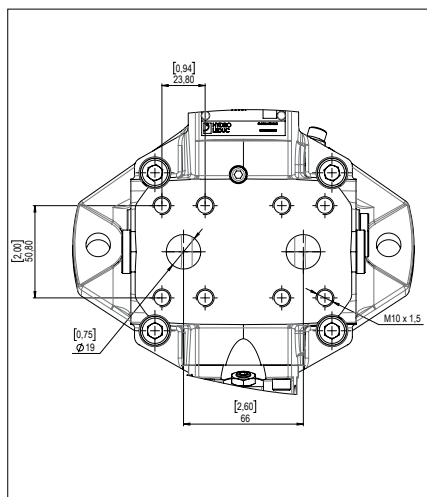
- ▶ Displacement 28 cc/rev
- ▶ 7 Piston design
- ▶ Variation in displacement from Vmax to Vmin (or Vmin to Vmax)
- ▶ High operating ratio (Vmx/Vmin)
- ▶ Suitable for use in open or closed loop circuits
- ▶ Dual direction of rotation
- ▶ Compact size, high weight-power ratio
- ▶ Low noise level
- ▶ Long service life
- ▶ Choice of displacement control
- ▶ Available as options : speed sensor and flushing valve

▶ Dimensions in mm [inches] :

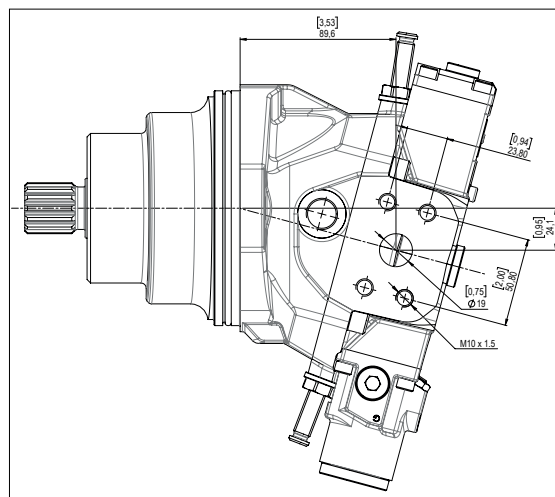


▶ Inlet ports available :

Rear flanges
SAE J518 3/4" 6000 PSI

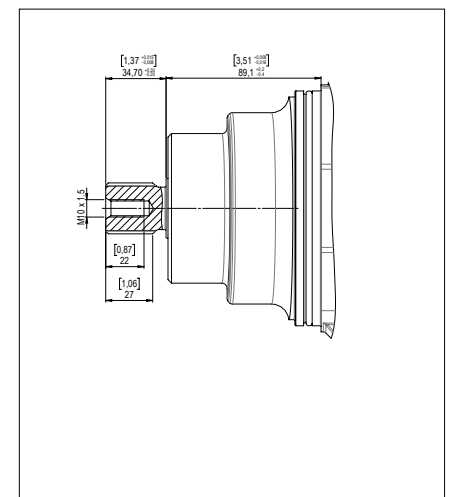


Side flanges
SAE J518 3/4" 6000 PSI



▶ Shaft available :

Splined shaft DIN 5480
W30x2x30x14x9g

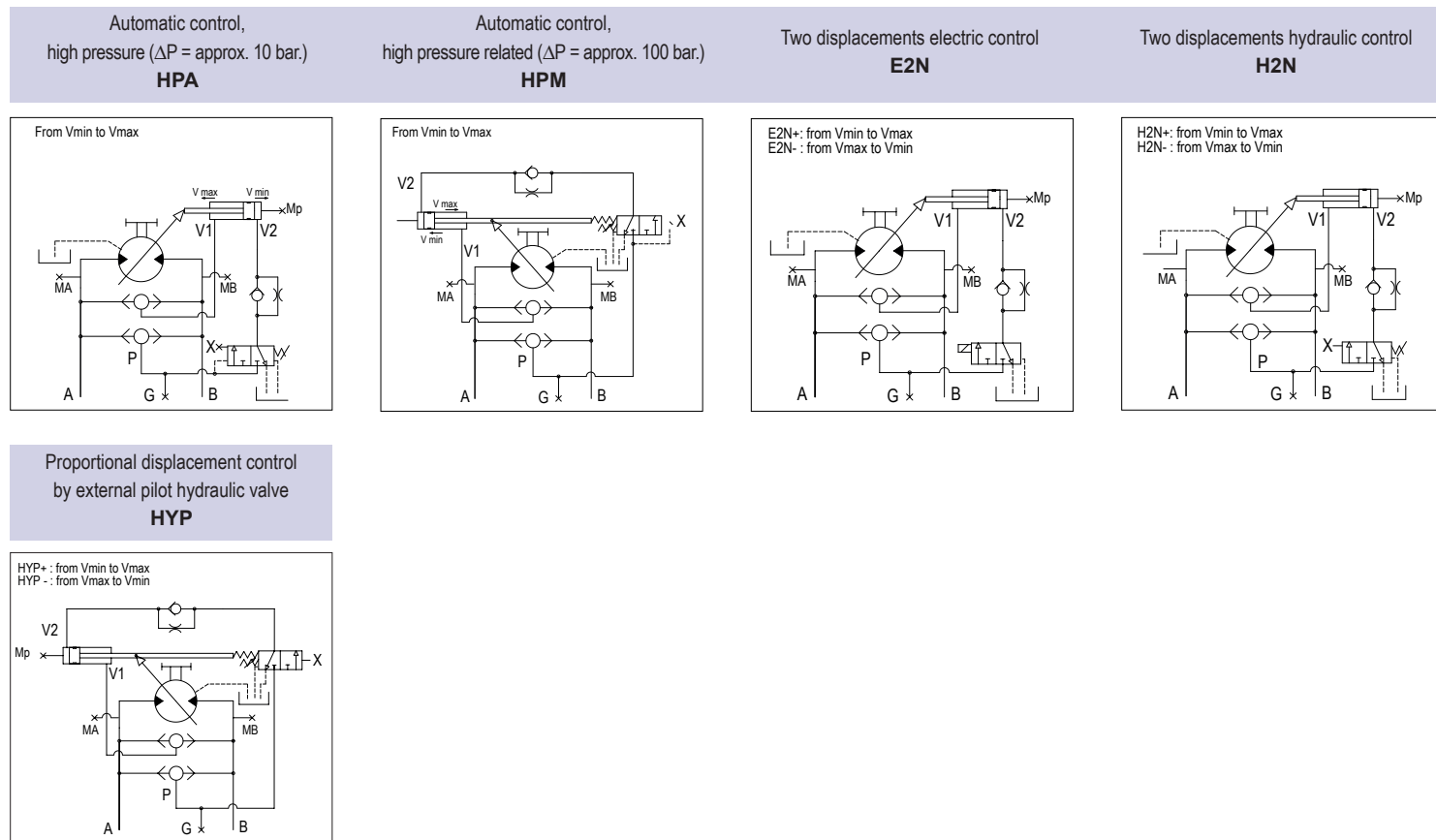


► Technical characteristics :

Motor	Max. displacement (Vmax)	Min. displacement (Vmin)	Max. displacement setting	Min. displacement setting	Recommended min. displacement*	Max. pressure	Max. peak pressure	Max speed at max. displacement (Nmax)	Max. speed at min. displacement (Nmin)	Max. flow absorbed (Nmax at Vmax)	Max. theoretical output power (at 400 bar)	Max. theoretical output torque (at 400 bar)
	cc [cu.in]	cc [cu.in]	cc [cu.in]	cc [cu.in]	cc [cu.in]	bar [psi]	bar [psi]	rpm	rpm	l/min [gpm]	kW [HP]	daN.m [ft.lb]
MVSI 28	28.1 [1.71]	0	28.1 to 9.3 [1.71 to 0.57]	0 to 17.7 [0 to 1.20]	5.6 [0.34]	400 [5800]	450 [6525]	5550	8550	156 [41.2]	104 [139.5]	17.9 [132.02]

* For smaller displacements please contact Customer Service.

► Displacement controls :



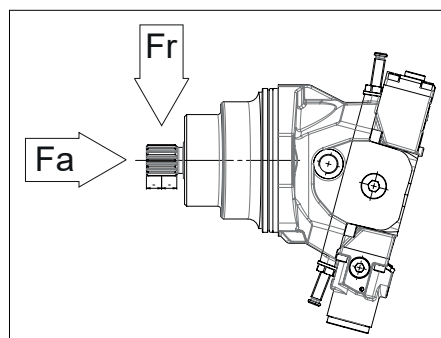
► Acceptable forces applied to motor shaft :

Motor		28
Fr	N	4300
	lbf	967
Fa	N/bar [N/psi]	39 [2.7]

Fr : radial force measured at mid point of length of shaft.

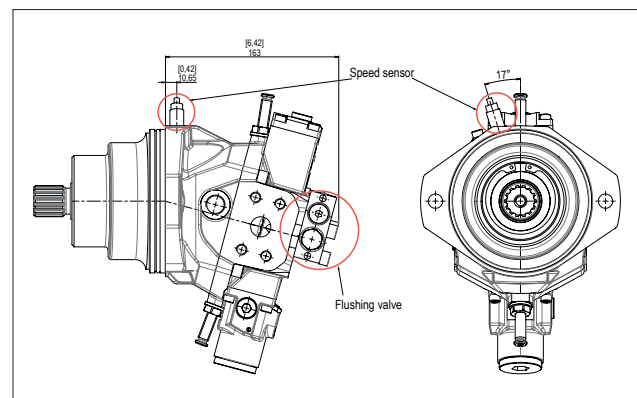
Fa : axial force.

For other forces, please contact us.



► Options on request :

Speed sensor and flushing valve.



For further information, please contact Customer Service.

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Dimensions in mm [inches] are given only as an indication.



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