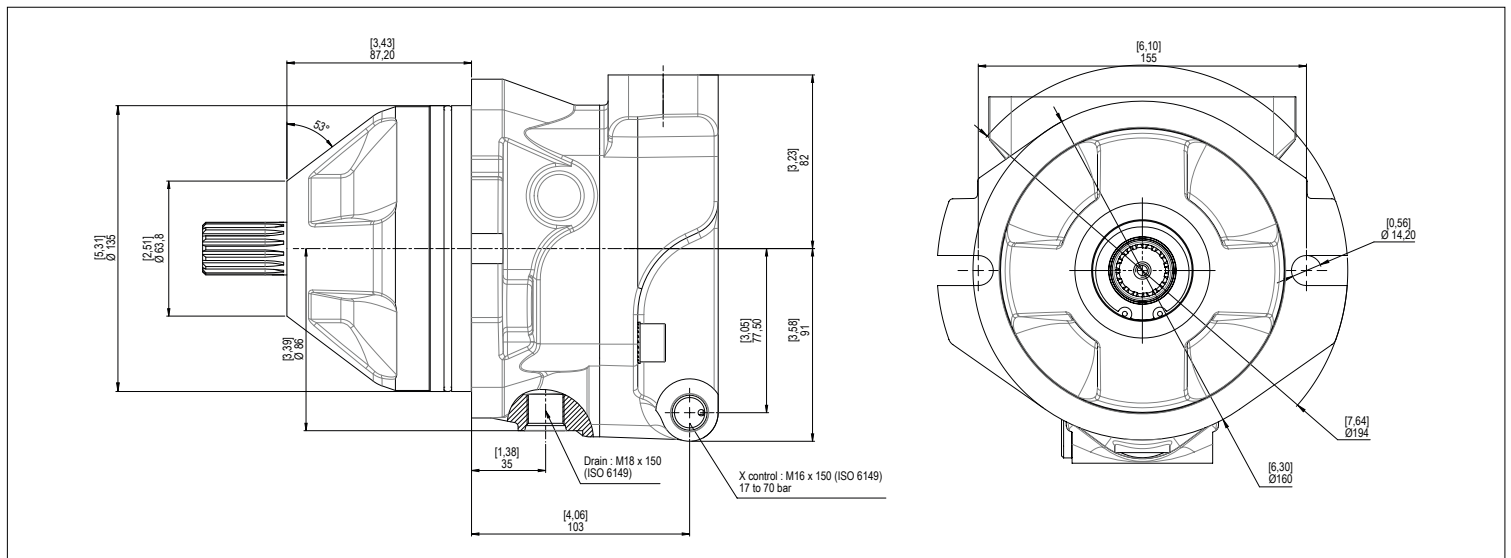


MSI2C45 & MSI2C49



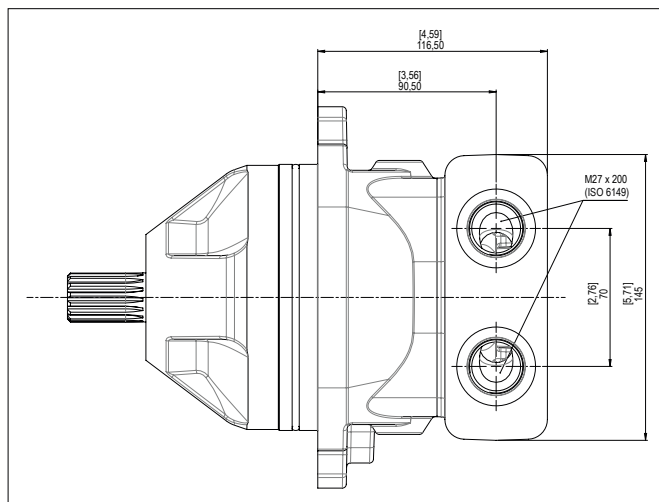
- ▶ "Two displacement" motors, of 49 cc/rev maximum
- ▶ 9 piston design, in line
- ▶ Displacement adjustment by hydraulic control
- ▶ Suitable for use in open or closed loop circuits
- ▶ Dual direction of rotation
- ▶ High starting torque
- ▶ Low noise level
- ▶ Long service life
- ▶ Displacement ratio up to 3
- ▶ Available as options : speed sensor and flushing valve

► Dimensions in mm [inches] :



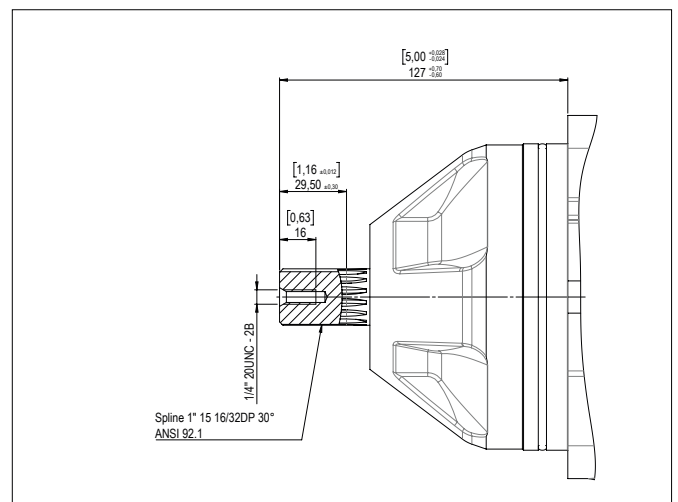
► Standard inlet ports* :

Flanges
M27x200



► Shaft available :

Splined shaft 1"
SAE J498b 15T 16/32DP



*Other ports are available on request; please consult us.

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

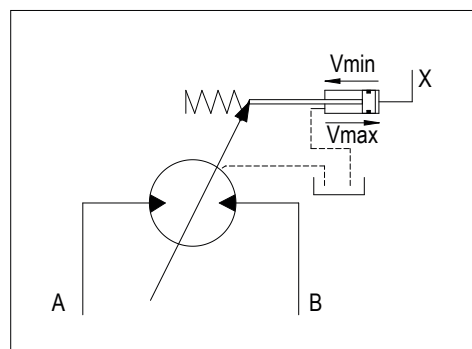
► Technical characteristics :

Motor	Displacement		Max. continuous speed (1)	Intermittent max. speed (1)	Max. absorbed flow	Torque	Torque at 300 bar [4350 psi]	Theoretical max. power at 350 bar [5076 psi]	Max. allowable pressure continuous / peak	Weight
		cc [cu.in]								
MSI2C45	Max.	45 [2.75]	3500	4300	158 [41.7]	0.72 [0.036]	216 [159]	92 [123.3]	350 / 400 [5076 / 5800]	17.3 [38.2]
	Min.	17 [1.04]	4000	4500	68 [17.96]	0.27 [0.014]	81 [59.8]	39.5 [53]	350 / 400 [5076 / 5800]	17.3 [38.2]
MSI2C49	Max.	49 [2.99]	3500	4300	172 [45.44]	0.78 [0.039]	234 [172.6]	100 [134.1]	350 / 400 [5076 / 5800]	17.3 [38.2]
	Min.	22 [1.34]	4000	4500	88 [23.25]	0.35 [0.018]	105 [77.44]	51 [68.4]	350 / 400 [5076 / 5800]	17.3 [38.2]

(1) For higher speeds, please contact us.

► Displacement control :

Displacement adjustment
by hydraulic control



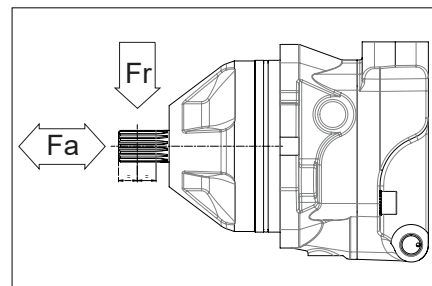
► Acceptable forces applied to motor shaft :

Motor		45	49
Fr	N	1050	1050
	lbf	236	236
Fa	N	2500	2500
	lbf	562	562

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

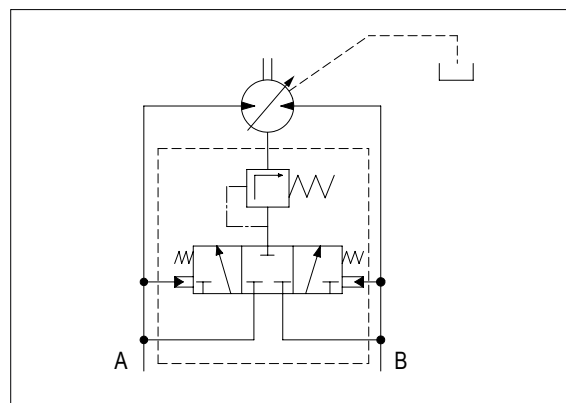
Fa : axial force.

For other forces, please contact us.

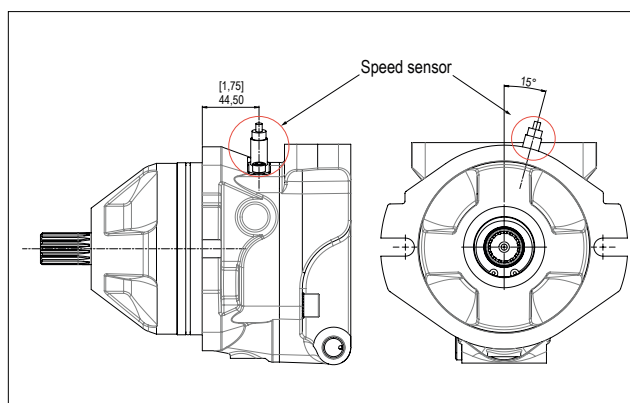


► Options on request :

- Flushing valve
(different flow levels available, please contact us).



- Speed sensor



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

For further information, please contact Customer Service.

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