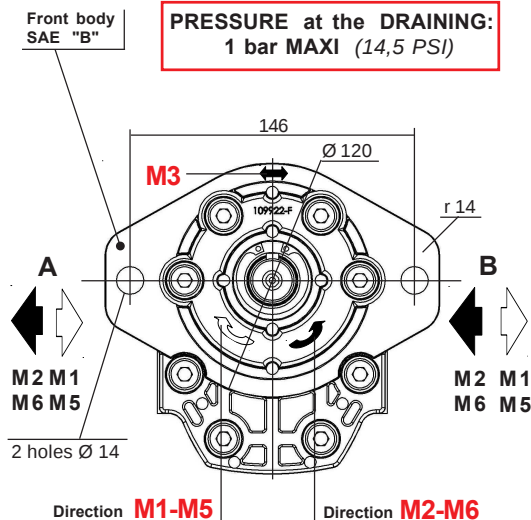
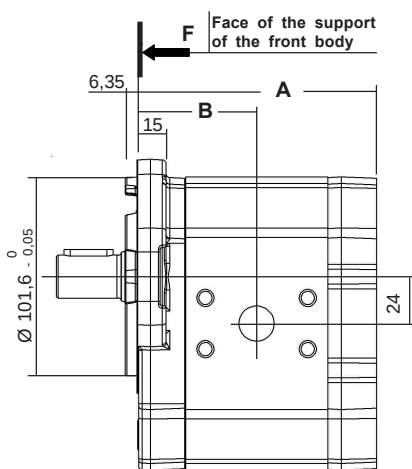
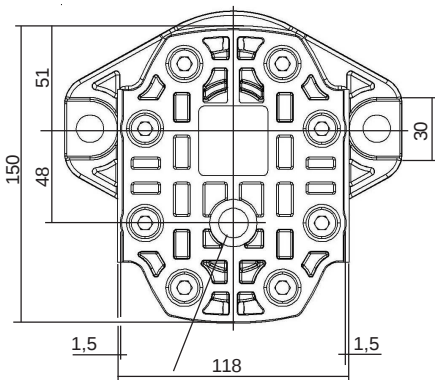
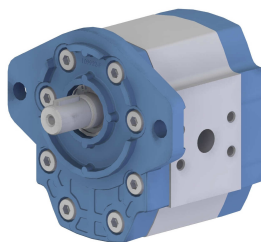


For CODIFICATION, see data sheet **F.T R 0243**



Drain port 3/8" BSP effective depth 18 for bi directional (**M3**) or single directional motor (**M5/M6**) but working with a counter pressure in the return port.

Max. tightening torque of the connexion
50 N.m

CHOICE of the Capacity

Dimensions

	A	B
025 - 031 - 040	122,7	61,3
050 - 060	149,2	74,5
071 - 080 - 090 - 100	169,2	84,2

Seal kits:

M1 - M2
Nitrile: **K507041** Viton: **K507042**
(For the manufacturings from october 1991)

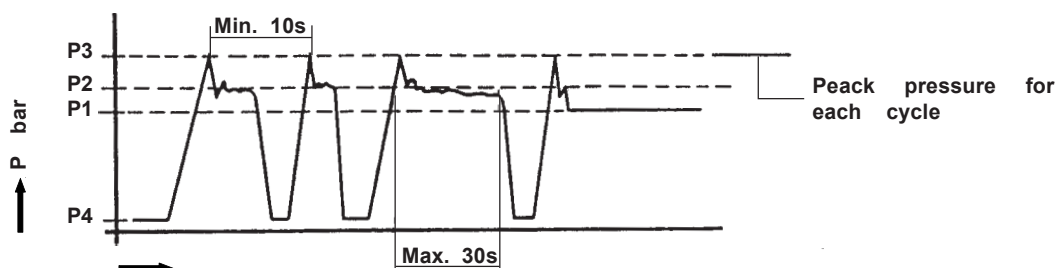
M3 - M5/M6
Nitrile: **K5071071** Viton: **K5071072**
(For the manufacturings from april 1987)

MODEL	Capacity cc / rev	MAXI PRESSURE						Maxi speed at		mini speed at RPM			Maxi speed at $\Delta P \leq 100$ bar (1450 PSI)	approx. weight Kg
		P1		P2		P3		P1 RPM	P2 RPM	100 bar	210 bar	300 bar		
		bar	PSI	bar	PSI	bar	PSI			1450 PSI	3045 PSI	4350 PSI		
3025	25	200	2900	225	3260	250	3625	2500	2800	800	1000	1300	3500	5,6
3031	31	180	2610	210	3045	225	3625	2300	2600	500	1000	1000 ^{225 bar}	3000	5,6
3040	40	180	2610	210	3045	225	3625	2300	2600	500	800	1000 ^{225 bar}	3000	5,7
3050	50	175	2537	205	2972	225	3625	2200	2500	500	800	1000 ^{225 bar}	3000	6,9
3060	60	160	2320	185	2682	225	3262	2000	2300	500	800	1000 ^{200 bar}	3000	7
3071	71	150	2175	175	2537	225	3262	2000	2300	500	800		2500	7
3080	80	120	1740	150	2175	200	2900	1700	2000	500	800 ^{175 bar}		2500	7,1
3090	90	100	1450	130	2175	175	2537	1500	1800	400	800 ^{175 bar}		2000	7,8
3100	100	100	1450	125	1812	175	2175	1500	1800	400	800 ^{150 bar}		2000	8

On the hereunder indicated diagram, the maximum duty pressure are the following.

P1 Maximum pressure in continuous duty
P3 Max. Allowable peak pressure

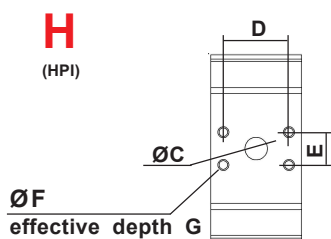
P2 Maximum pressure in intermittent duty
P4 Pressure at Motor outlet $\leq P$ (Only in M3)



Consult us for availability

CHOICE of the IMPLANTATION of PORTS

Port connector, see our Catalogue N° 70



Capacity	INLET A					OUTLET B				
	ØC	D	E	ØF	G	ØC	D	E	ØF	G
3025 to 3040	18	52,4	26,2	M8	17	18	52,4	26,2	M8	17
3050 3060	22	52,4	26,2	M8	17	22	52,4	26,2	M8	17
3071 to 3100	34	35,6	69,8	M8	17	34	35,6	69,8	M8	17

AFFECTATION					
1 way rotation without counter pressure M1		pressure M2		2 ways rotation with counter pressure	
INLET	OUTLET	INLET	OUTLET		
1 way rotation without counter pressure M5		pressure M6		M3	
INLET	OUTLET	INLET	OUTLET	INLET	OUTLET
A	B	B	A	B	A

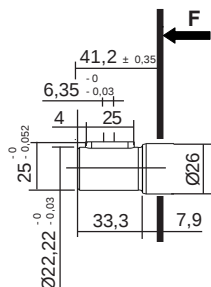
Dimensions readings and approximative characteristics subject to modifications.

DRIVING SHAFT (FLAT FRONT BODY)

Straight keyed

20

A02



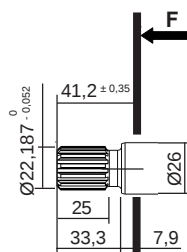
Maxi transmissible torque

290 N.m

Splined

30

A02



Involute spline SAE Standard
13 teeth - 7/8" -
Diametral Pitch 16/32
30° Pressure angle

Maxi transmissible torque

390 N.m