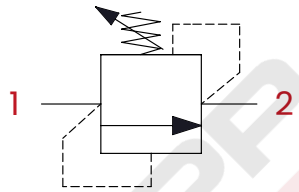
M30 *M20 X 1,5 - 50 l/min - 350 bar*

DIRECT ACTING RELIEF VALVES - GUIDED VERSION

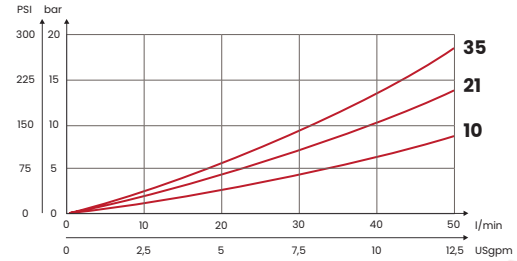
The purpose of the M30 pressure relief valves is to protect the hydraulic system from malfunctions or failures caused by excessively high pressures in the circuit.



HYDRAULIC CIRCUIT



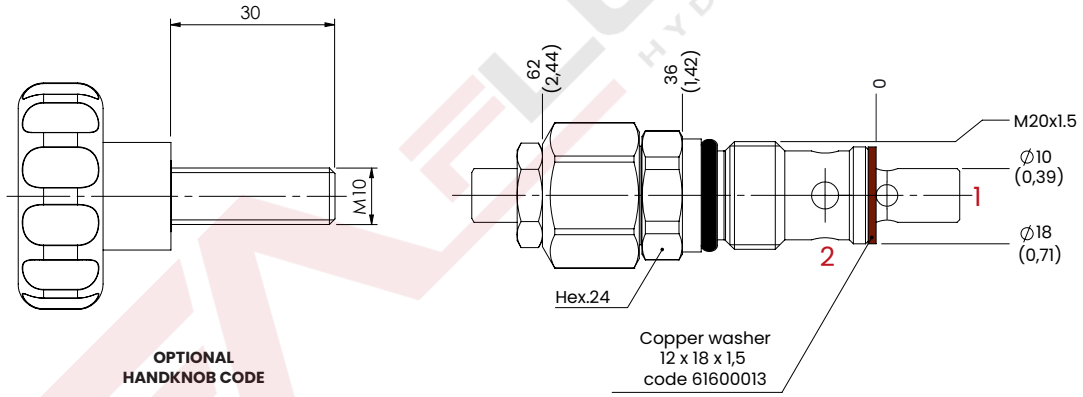
PERFORMANCES



OPTIONAL TAMPER PROOF CAP M10



CODE
62200021



OPTIONAL HANDKNOB CODE

62200010

mm [Inches]

ORDERING CODE

CODE	TYPE	CAVITY	MAX FLOW l/min [USgpm]	MAX PRESSURE bar [PSI]	RAGE SPRING bar [PSI]	INCREASE TO TURN bar [PSI]	M20X1,5 TIGHTENING TORQUE Nm [lbt ft]	WEIGHT kg [lb]
FA7041	M30C10	FC002 M20X1,5 See cavity paragraph p. 373	50 [13,3]	350 [5075]	10/50 [145/725]	15 [220]	30 [22]	0,16 [0,35]
FA7042	M30C21				30/210 [210/3045]	70 [1015]		
FA7043	M30C35				70/350 [1015/5075]	100 [1450]		

UPDATE. May 2025 (v.06)

Mineral oil: DIN 51524 ISO 6743/4 | **Oil viscosity**: 15 to 250 cSt 15-250 mm2/s | **Oil temperature**: -4°F + 176°F -20°C +80°C | **Ambient temperature**: -4°F + 122°F -20°C +50°C | **Max contamination index with filter**: 5 to 250 cSt 15-250 mm2/s | It is necessary a filter use to protect the valve (advised filtration 15 µm) | **Max leakage**: 0,25 cm3/min - 5 drops/min at 80% of the calibration pressure

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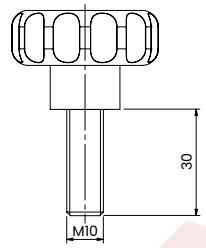
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M80B *RELIEF VALVES - 80 l/min BSPP*

RELIEF VALVES 80 l/min

The purpose of the M80 pressure relief valve is to protect the hydraulic system from malfunctions or failures caused by excessively high pressures in the circuit.

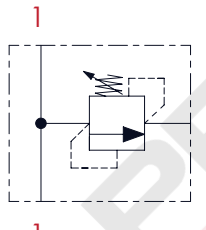


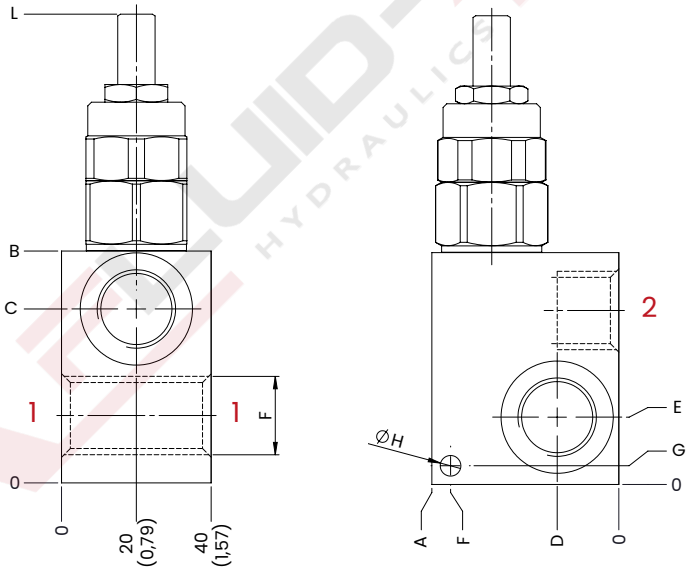


OPTIONAL HANDKNOB CODE

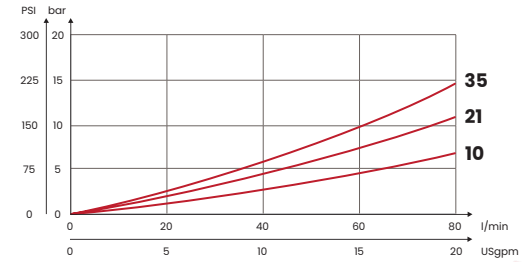
62200010

HYDRAULIC CIRCUIT





PERFORMANCES



OPTIONAL TAMPER PROOF CAP M8



CODE
62200021

TECHNICAL CHARACTERISTICS

mm [Inches]

F	A	B	C	D	E	F	G	H	L
1/2 BSPP	50 [1,97]	62 [2,44]	46,5 [1,83]	16,5 [0,65]	18 [0,17]	45 [1,77]	5 [0,20]	5,5 [0,22]	119 [4,7]
3/4 BSPP	55 [2,16]	70 [2,75]	50,5 [1,99]	18,5 [0,72]	19,5 [0,76]	48 [1,89]	7 [0,27]	6,5 [0,25]	127 [5]
Steel body									

ORDERING CODE

CODE	TYPE	F ports	MAX FLOW l/min [USgpm]	MAX PRESSURE bar [PSI]	RANGE SPRING bar [PSI]	INCREASE TO TURN bar [PSI]	WEIGHT kg [lb]
FA6116	M803BC10	1/2 BSPP	80 [21,1]	350 [5075]	10/100 [145/1450]	25 [362]	1 [2,2]
FA6117	M803BC25				20/250 [290/3625]	85 [1247]	
FA6118	M803BC35				50/350 [725/5075]	90 [1305]	
FA6032	M804BC10	3/4 BSPP			10/100 [145/1450]	25 [362]	
FA6033	M804BC25				20/250 [290/3625]	85 [1247]	
FA6034	M804BC35				50/350 [725/5075]	90 [1305]	
Steel body							

Mineral oil: DIN 51524 ISO 6743/4 | **Oil viscosity**: 15 to 250 cSt 15-250 mm2/s | **Oil temperature**: -4°F + 176°F -20°C +80°C | **Ambient temperature**: -4°F + 122°F -20°C +50°C | **Max contamination index with filter**: 5 to 250 cSt 15-250 mm2/s | It is necessary a filter use to protect the valve (advised filtration 15 µm) | **Max leakage**: 0,25 cm3/min - 5 drops/min at 80% of the calibration pressure

UPDATE. May 2025 (v.08)

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