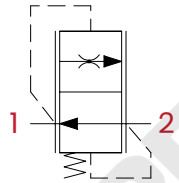
F1T FLOW CONTROL 1/4 BSPP

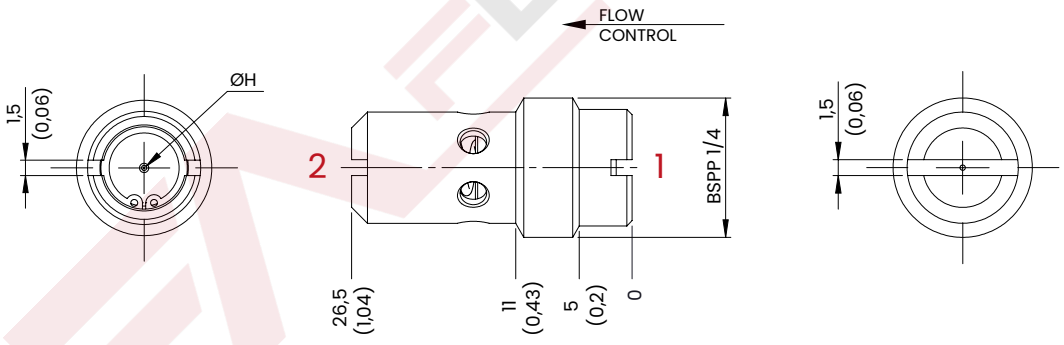
1/4 BSPP FLOW CONTROL VALVES - PRESSURE COMPENSATED - DOUBLE CUT

The fixed compensated flow control valve F1T (1/4 G) is used to keep the descent speed of a load constant, regardless of the operating pressure and the value of the load. Typical use is related to tail lifts and hydraulic platforms. They are protected externally by a manganese phosphating treatment.



HYDRAULIC CIRCUIT

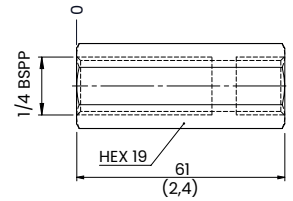




mm [Inches]

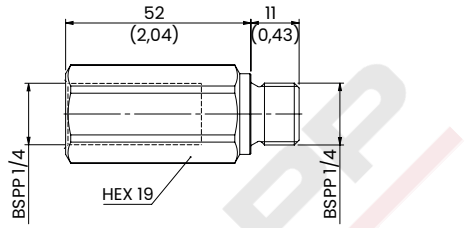
CODE

33300026



CODE

33300027



ORDERING CODE

CODE	TYPE	CAVITY	CONTROLLED FLOW AT 100 bar ± 10% l/min [USgpm]	Ø H mm [inches]	MAX PRESSURE bar [PSI]	TIGHTENING TORQUE Nm [lbf ft]	WEIGHT kg [lb]
FA4067	F1T01	FC105 1/4 BSPP See cavity paragraph p.381	1 [0,26]	1 [0,04]	250 [3625]	4 [3]	0,014 [0,031]
FA4068	F1T02		2 [0,53]	1,2 [0,05]			
FA4069	F1T03		3 [0,79]	1,5 [0,06]			
FA4070	F1T04		4 [1,06]	1,7 [0,07]			
FA4071	F1T05		5 [1,32]	1,9 [0,07]			
FA4072	F1T06		6 [1,58]	2,1 [0,08]			
FA4073	F1T07		7 [1,85]	2,3 [0,09]			
FA4074	F1T08		8 [2,11]	2,4 [0,09]			
FA4075	F1T09		9 [2,38]	2,7 [0,11]			
FA4076	F1T10		10 [2,64]	2,8 [0,11]			
FA4077	F1T11		11 [2,90]	3,1 [0,12]			
FA4078	F1T12		12 [3,17]	3,3 [0,13]			
FA4079	F1T15		15 [3,96]	5 [0,20]			

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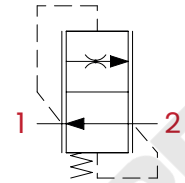
F1E FLOW CONTROL 1/4 BSPP

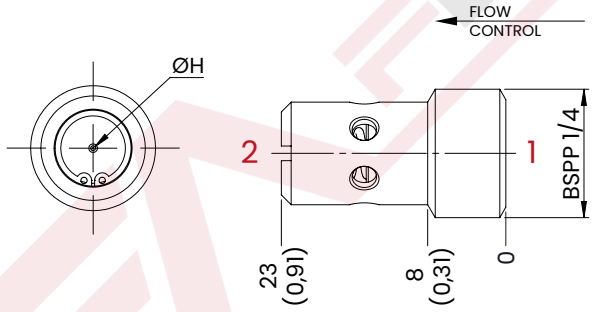
1/4 BSPP FLOW CONTROL VALVES - PRESSURE COMPENSATED

The fixed compensated flow control valve F1E (1/4 G) is used to keep the descent speed of a load constant, regardless of the operating pressure and the value of the load. Typical use is related to tail lifts and hydraulic platforms. They are protected externally by a manganese phosphating treatment.



HYDRAULIC CIRCUIT

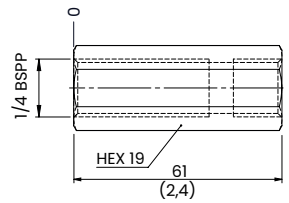




mm [Inches]

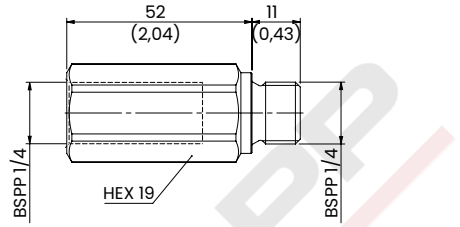
CODE

33300026



CODE

33300027



ORDERING CODE

CODE	TYPE	CAVITY	CONTROLLED FLOW AT 100 bar ± 10% l/min [USgpm]	Ø H mm [inches]	MAX PRESSURE bar [PSI]	TIGHTENING TORQUE Nm [lbf ft]	WEIGHT kg [lb]
FA4192	F1E01	FC105 1/4 BSPP See cavity paragraph p.381	1 [0,26]	1 [0,04]	250 [3625]	4 [3]	0,014 [0,031]
FA4193	F1E02		2 [0,53]	1,2 [0,05]			
FA4194	F1E03		3 [0,79]	1,5 [0,06]			
FA4195	F1E04		4 [1,06]	1,7 [0,07]			
FA4196	F1E05		5 [1,32]	1,9 [0,07]			
FA4197	F1E06		6 [1,58]	2,1 [0,08]			
FA4198	F1E07		7 [1,85]	2,3 [0,09]			
FA4199	F1E08		8 [2,11]	2,4 [0,09]			
FA4200	F1E09		9 [2,38]	2,7 [0,11]			
FA4201	F1E10		10 [2,64]	2,8 [0,11]			
FA4202	F1E11		11 [2,90]	3,1 [0,12]			
FA4203	F1E12		12 [3,17]	3,3 [0,13]			
FA4204	F1E15		15 [3,96]	5 [0,20]			

UPDATE. June 2026 (v.03)

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)

Via Guadiana n° 8/1, 42124 Reggio Emilia - ITALY | www.fluid-app.it | **sales@fluid-app.it**

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