

CBF hydraulic®

Proportional valves

Valvole proporzionali



VALVOLE PROPORZIONALI *PROPORTIONAL VALVES*

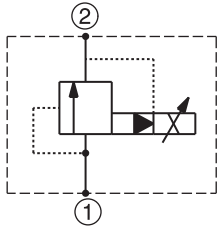
VALVOLE A CONTROLLO PROPORZIONALE

PROPORTIONAL VALVES

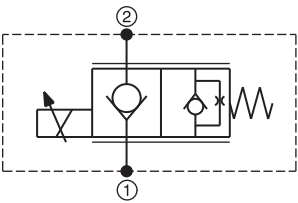
INDICE PER TIPO DI VALVOLA INDEX BY VALVE TYPE

	Q	P	PAGINA
	(l/min)	(bar)	PAGE

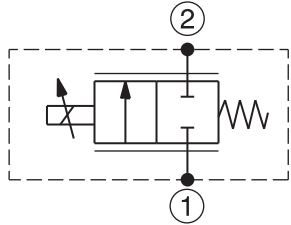
Valvola di massima pilotata a controllo proporzionale
Proportional pressure relief valve, spool type, pilot operated – cartridge type

	VLP-P-08-P	60	300	580
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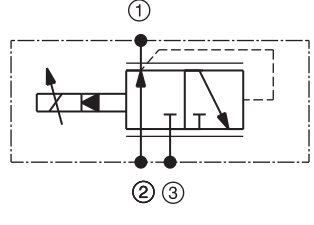
Strozzatore a cono a controllo proporzionale, normalmente aperto
Flow Control, Non compensated, Normally open, poppet type, proportional – cartridge type

	ST08-P-C	40	300	581
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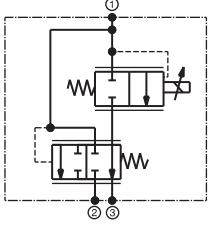
Strozzatore a spola a comando proporzionale, a cartuccia, normalmente chiusa
Proportional flow control valve, spool type, normally closed – cartridge type

	ST08-C-P-010-C	10	250	582
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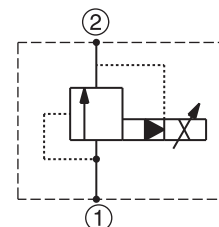
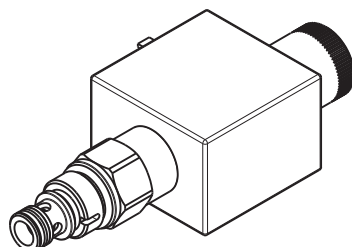
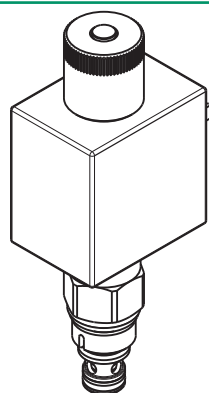
Riduttrice di pressione, pilotata, a controllo proporzionale, a cartuccia
Proportional pressure reducing valve, spool type, pilot operated – cartridge type

	RP10-P-P-C	80	300	583
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Valvola regolatrice di flusso a tre vie, compensata, a controllo proporzionale, a cartuccia
Three way pressure compensated flow regulator, proportional, normally closed – cartridge type

	RFP80-12-P-C	80	300	584
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Valvola di massima pilotata a controllo proporzionale
Proportional pressure relief valve, spool type, pilot operated- cartridge type
mod. VLP-P-08-P

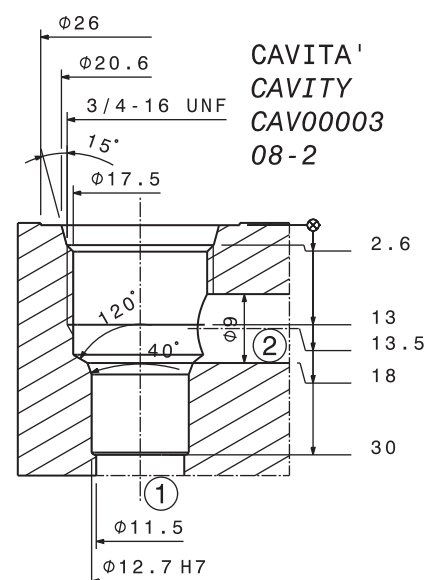
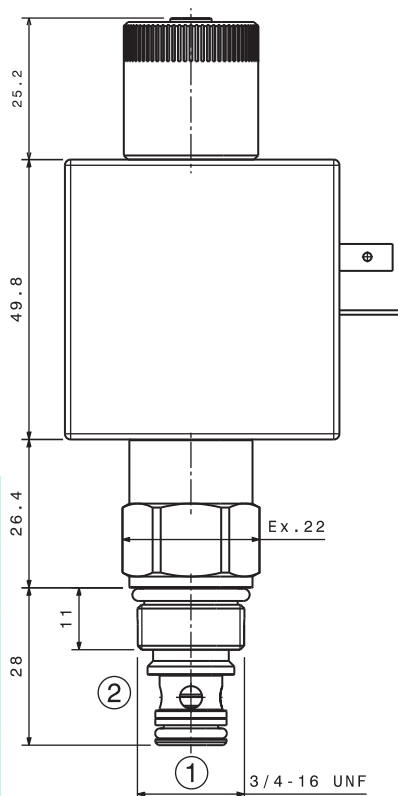


Portata massima <i>Max flow</i>	60 l/min <i>15.8 gpm</i>
Pressione massima <i>Max pressure</i>	300 bar <i>4300 psi</i>
Coppia di serraggio <i>Installation torque</i>	27 ÷ 30 Nm <i>20 ÷ 22.5 lbf ft</i>

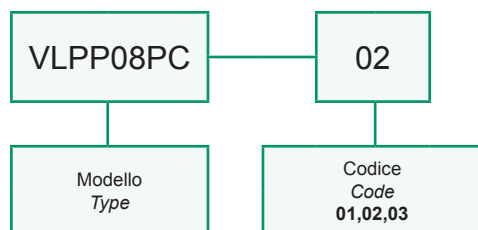
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperatura di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

Taratura <i>Setting</i>		
Codice <i>Code</i>	Taratura standard <i>Standard setting</i> (Q=5 l/min)	Campo di taratura <i>Adj. Pressure range</i>
01	50 bar 725 psi	20÷80 bar 290÷1160 psi
02	80 bar 2610 psi	40÷250 bar 580÷3625 psi
03	250 bar 3625 psi	50÷300 bar 725÷4300 psi



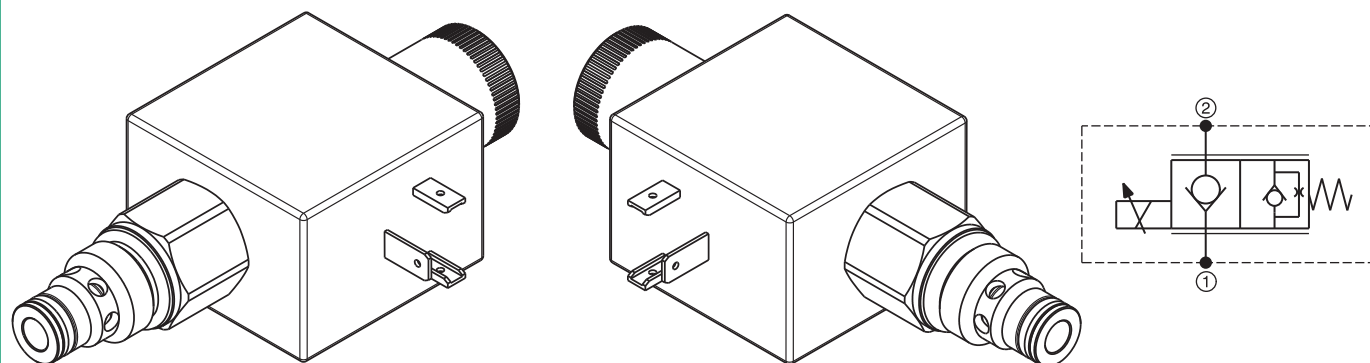
Sigla di ordinazione / Ordering code



I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
The specifications are not binding, CBF reserves the right to introduce modifications without notice.

Strozzatore a cono a controllo proporzionale, normalmente aperto
Flow Control, Non compensated, Normally open, poppet type, proportional – cartridge type

mod. ST08-P-C

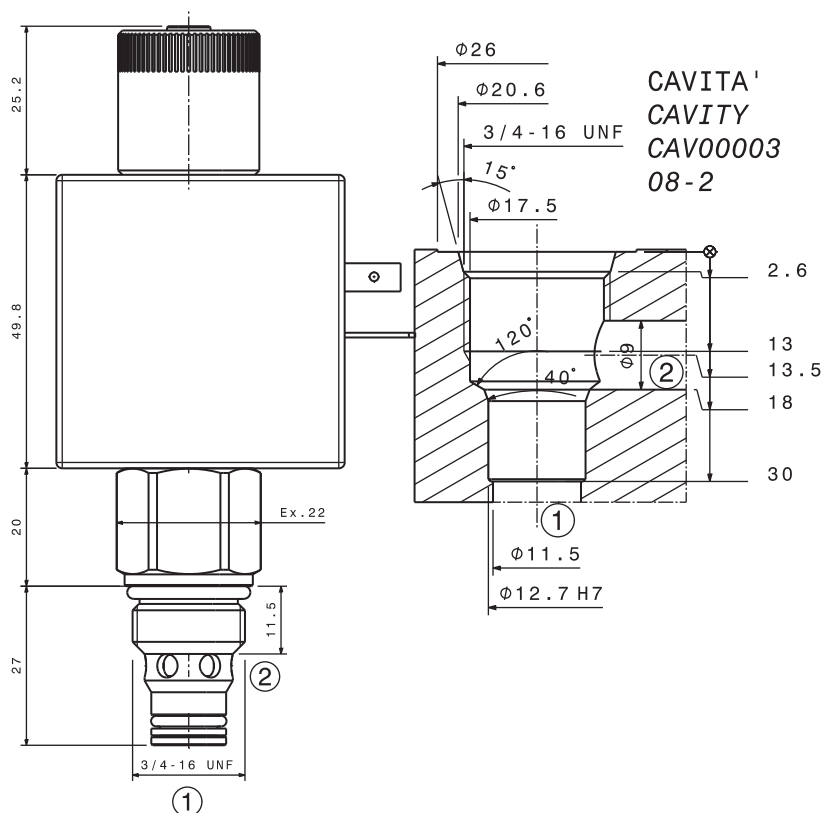


Portata massima Max flow	40 l/min 10.5 gpm
Pressione massima Max pressure	350 bar 4350 psi
Coppia di serraggio Installation torque	27 ÷ 30 Nm 20 ÷ 22.5 lbf ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
 Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliata Recommended viscosity	10 ÷ 420 cSt
Temperatura di lavoro Working temperature	-20 ÷ +90 °C
Filtrazione assoluta Absolute filtration	25 µ

Tensione Voltage	24 V CCDC 12 V CC-DC
Hysteresis	8%
Control Current Range	1100 mA (24 V) 2200 mA (12 V)
Coil	28 W



Sigla di ordinazione / Ordering code

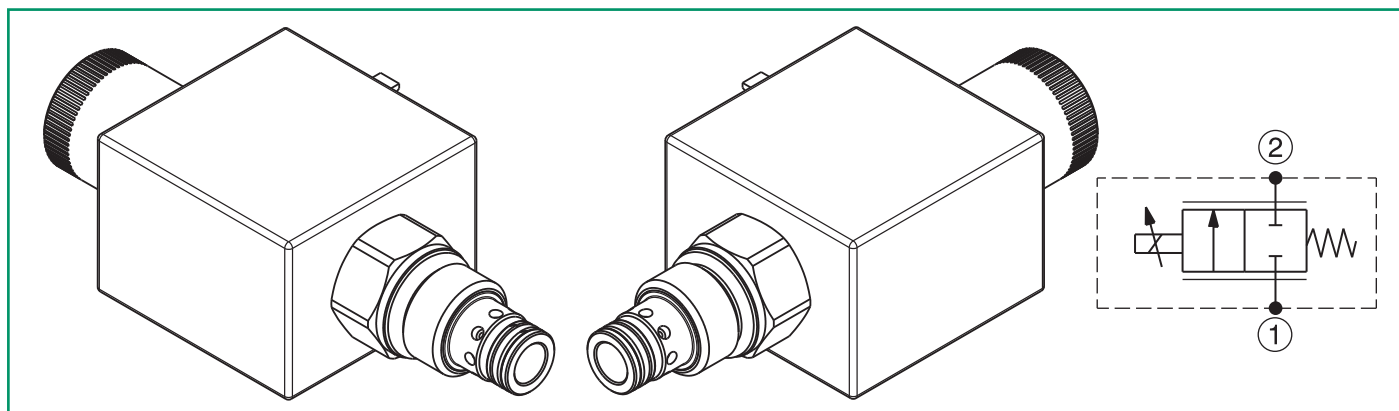
ST08PC

Modello
Type

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Strozzatore a spola a comando proporzionale, a cartuccia, normalmente chiusa
Proportional flow control valve, spool type, normally closed – cartridge type

mod. ST08-C-P-010-C

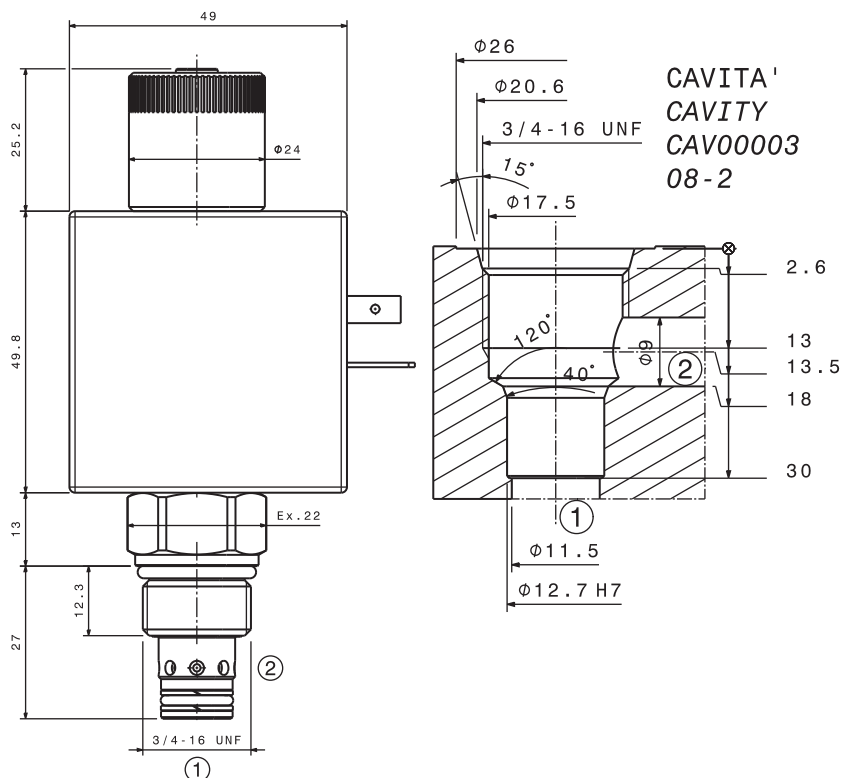


Portata massima <i>Max flow</i>	10 l/min <i>2.65 gpm</i>
Pressione massima <i>Max pressure</i>	250 bar <i>3600 psi</i>
Coppia di serraggio <i>Installation torque</i>	27 ÷ 30 Nm <i>20 ÷ 22.5 lbf ft</i>

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperatura di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

Tensione <i>Voltage</i>	24 V CCDC 12 V CC-DC
Hysteresis	8%
Control Current <i>Range</i>	1100 mA (24 V) 2200 mA (12 V)
Coil	28 W



Sigla di ordinazione / Ordering code

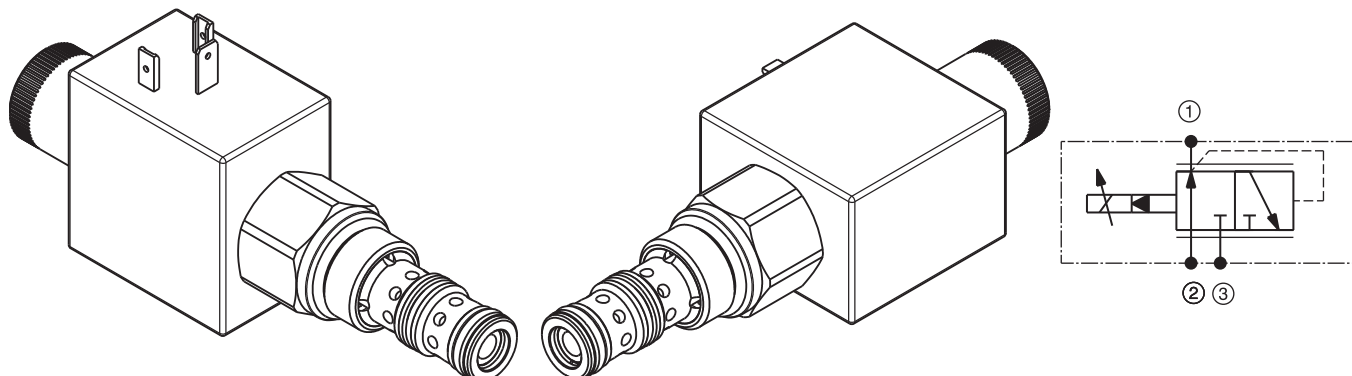
ST08P010C

Modello
Type

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Riduttrice di pressione, pilotata, a controllo proporzionale, a cartuccia
Proportional pressure reducing valve, spool type, pilot operated – cartridge type

mod. RP10-P-P-C

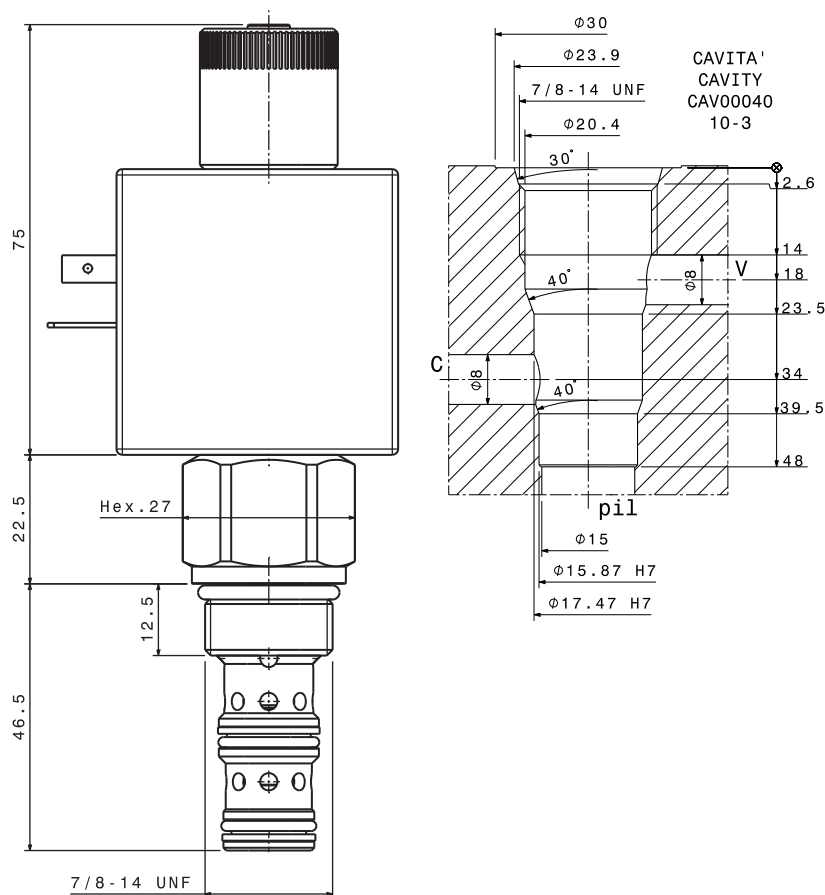


Portata massima <i>Max flow</i>	80 l/min 21 gpm
Pressione massima <i>Max pressure</i>	300 bar 4350 psi
Coppia di serraggio <i>Installation torque</i>	40 ÷ 45 Nm 30 ÷ 34 lbf ft

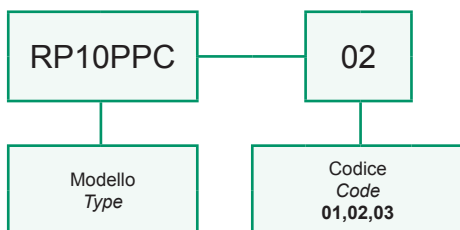
Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperatura di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

Taratura Setting		
Codice Code	Taratura standard Standard setting (Q=5 l/min)	Campo di taratura Adj. Pressure range
01	50 bar 725 psi	20÷80 bar 290÷1160 psi
02	80 bar 2610 psi	40÷250 bar 580÷3625 psi
03	250 bar 3625 psi	50÷300 bar 725÷4300 psi



Sigla di ordinazione / Ordering code

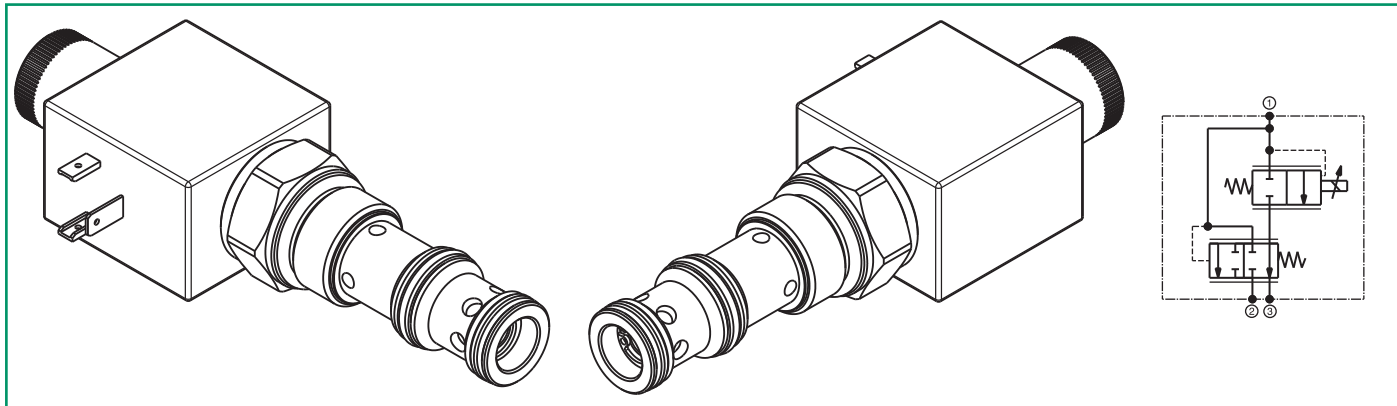


Tensione <i>Voltage</i>	24 V CCDC 12 V CC-DC
Hysteresis	8%
Control Current Range	1100 mA (24 V) 2200 mA (12 V)
Coil	28 W

I dati non sono impegnativi, **CBF** si riserva di apportare modifiche senza preavviso.
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Valvola regolatrice di flusso a tre vie, compensata, a controllo proporzionale, a cartuccia
Three way pressure compensated flow regulator, proportional, normally closed – cartridge type

mod. RFP80-12-P-C

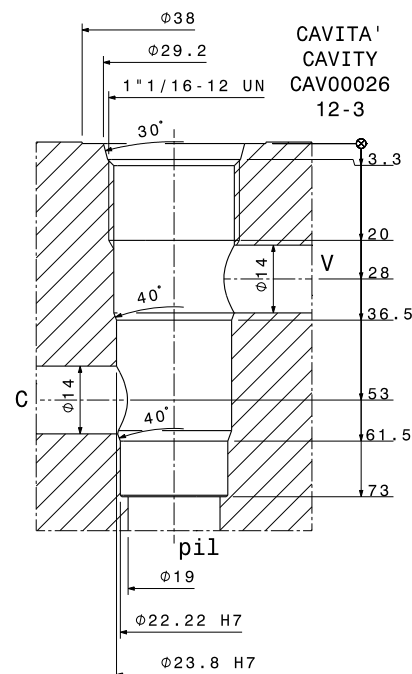
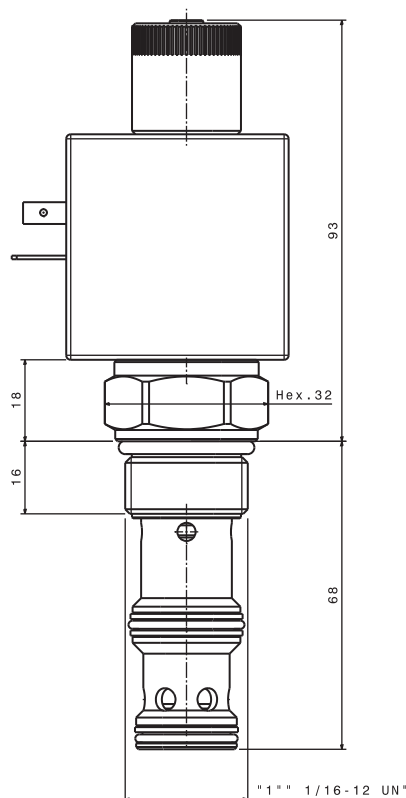


Portata massima <i>Max flow</i>	80 l/min 21 gpm
Pressione massima <i>Max pressure</i>	300 bar 4350 psi
Portata massima regolata <i>Max regulated flow</i>	2-50 l/min 0.5-13 gpm
Coppia di serraggio <i>Installation torque</i>	230 ÷ 250 Nm 170 ÷ 190 lbf ft

Dati e tarature ottenuti usando olio con viscosità 30 cSt a 50°C
Performances and calibrations are carried out by using hydraulic oil with 30 cSt viscosity at 50°C

Viscosità consigliate <i>Recommended viscosity</i>	10 ÷ 420 cSt
Temperatura di lavoro <i>Working temperature</i>	-20 ÷ +90 °C
Filtrazione assoluta <i>Absolute filtration</i>	25 µ

Tensione <i>Voltage</i>	24 V CCDC 12 V CC-DC
<i>Hysteresis</i>	8%
Control Current <i>Range</i>	1100 mA (24 V) 2200 mA (12 V)
Coil	28 W



Sigla di ordinazione / Ordering code

RFP8012PC

Modello
Type

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