

Check poppet type

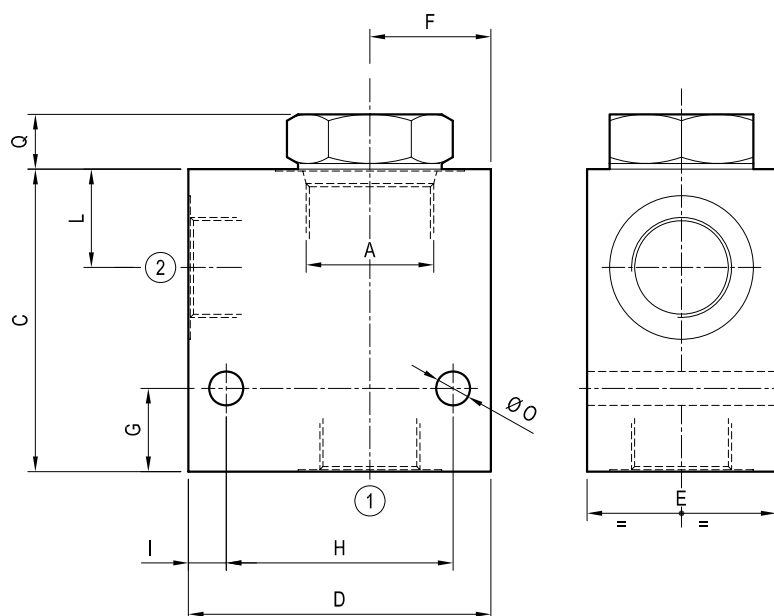
Common cavity

Cartridge style in manifold

VUCN-C

OU.02 - K - 00 - Y - Z - W

Dimensions



Technical data

Max flow: up to 360 l/min (95 gpm)

Max operating pressure for steel body: 350 bar (5000 psi)

Max operating pressure for aluminium body: 210 bar (3000 psi)

To order only manifold see data sheet RE 18325-85

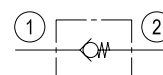


Table "Y"

Cavity A	Y	PORT SIZE		Max Flow l/min (gpm)	DIMENSIONS mm (Inches)												
		1 - 2			C	D	E	F	G	H	I	L	M	N	O	Q	R
SIZE 08																	
SIZE 10	03	G 1/2		up to 80 (21)	60 (2.36)	60 (2.36)	35 (1.38)	25 (0.98)	15 (0.59)	45 (1.77)	7.5 (0.30)	19 (0.75)			7 (0.28)	8 (0.32)	
	04	G 3/4			60 (2.36)	70 (2.76)	40 (1.58)	30 (1.18)	15 (0.59)	55 (2.17)	7.5 (0.30)	20 (0.79)			9 (0.35)		
SIZE 12	04	G 3/4		up to 120 (32)	75 (2.95)	80 (3.15)	40 (1.58)	35 (1.38)	20 (0.79)	60 (2.36)	10 (0.39)	26.5 (1.04)			9 (0.35)	10 (0.39)	
	05	G 1			75 (2.95)	80 (3.15)	50 (1.97)	35 (1.38)	20 (0.79)	60 (2.36)	10 (0.39)	26.5 (1.04)			9 (0.35)		
SIZE 16	04	G 3/4		up to 200 (53)	80 (3.15)	80 (3.15)	50 (1.97)	32 (1.26)	22 (0.87)	60 (2.36)	10 (0.39)	26 (1.02)			9 (0.35)	15 (0.59)	
	05	G 1			80 (3.15)	90 (3.54)	50 (1.97)	37 (1.46)	22 (0.87)	60 (2.36)	20 (0.79)	26 (1.02)			9 (0.35)		
SIZE 20	05	G 1		up to 360 (95)	100 (3.94)	100 (3.94)	60 (2.36)	45 (1.77)	25 (0.98)	75 (2.95)	12.5 (0.49)	32 (1.26)			11 (0.43)	16 (0.63)	
	06	G 1-1/4			100 (3.94)	100 (3.94)	60 (2.36)	45 (1.77)	25 (0.98)	75 (2.95)	12.5 (0.49)	32 (1.26)			11 (0.43)		

Cartridge style

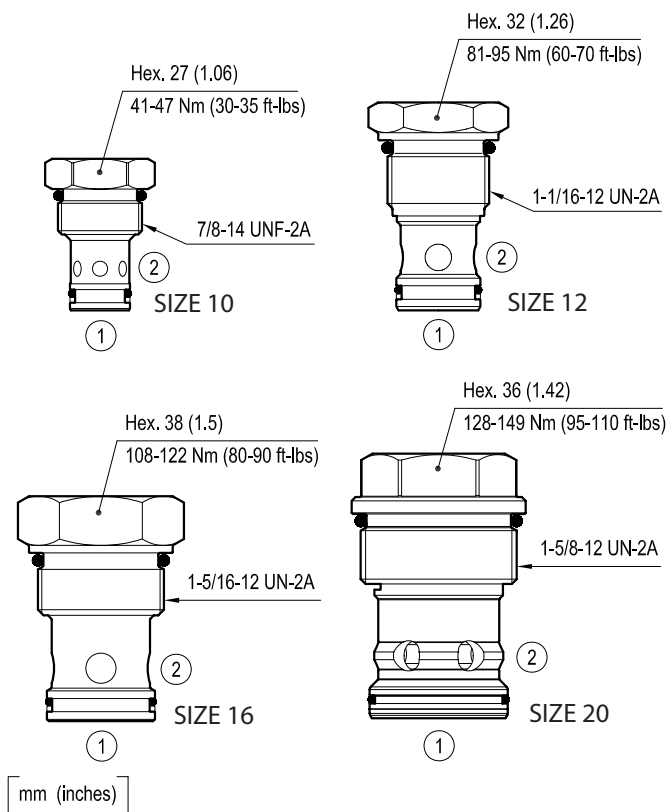


Table "K"

CARTRIDGE CODE	K						
	04	31	23	00	85	Z	
	04	31	28	00	57	Z	
	04	31	25	00	27	Z	
	04	31	32	00	58	Z	

CARTRIDGE TECHNICAL DATA

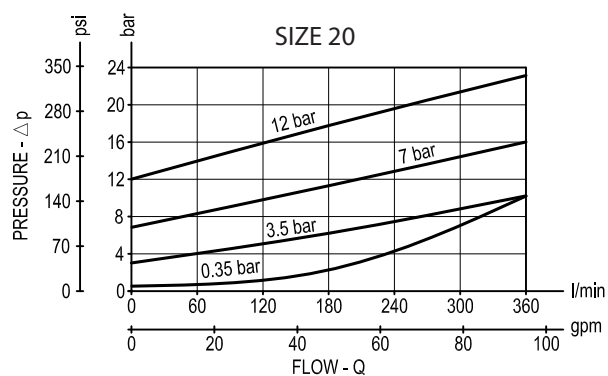
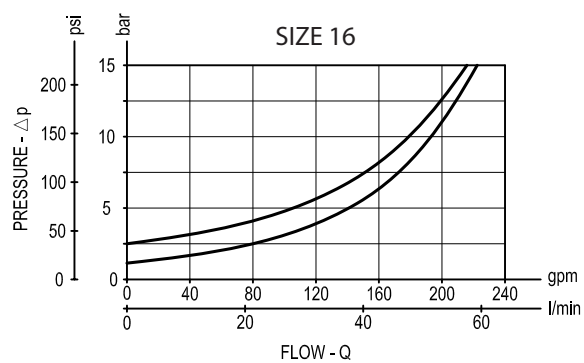
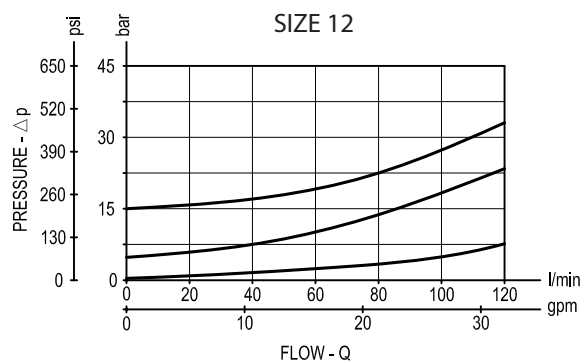
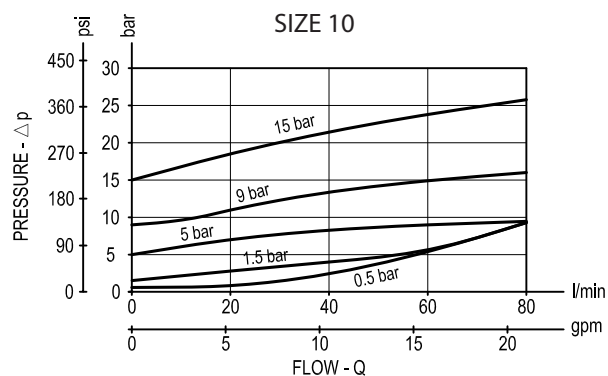
Common cavity: CA-10A-2N / CA-12A-2N / CA-16A-2N / CA-20A-2N

For other details see data sheet RE 18318-90, RE 18318-91, RE 18318-92 and RE 18318-93

Table "Z"

Z	SPRINGS														
	SIZE 08			SIZE 10			SIZE 12			SIZE 16			SIZE 20		
	Cracking pressure bar(psi)			Cracking pressure bar(psi)			Cracking pressure bar(psi)			Cracking pressure bar(psi)			Cracking pressure bar(psi)		
A0										0.35 (5.1)					
00				0.5 (7)			1 (15)			1 (15)			0.35 (5)		
01				1.4 (20)											
02										2 (30)					
03													3.5 (51)		
04										3.5 (51)					
05				5 (75)			5 (75)								
07													7 (102)		
08							8 (116)								
09				9 (131)											
12													12 (174)		
15				15 (220)			15 (220)								

Performance graphs



Ordering code

OU.02	K	00	Y	Z	W
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Manifold with check poppet type

Cartridge style - Common cavity
(see table K on page 2)

Manifold material

= 00	Aluminium manifold
= S0	Steel manifold

Settings - Springs
(see table Z on page 2)

Manifold style - Dimensions and port sizes
(see table Y on page 1)

Preferred types (readily available)

Type	Material number	Type	Material number
OU0223000400S0	R934001458		
OU0228000500S0	R934001461		
OU0225000500S0	R934001468		
OU0232000500S0	R934000946		

Further types available by request