

Counterbalance, vented guided poppet type

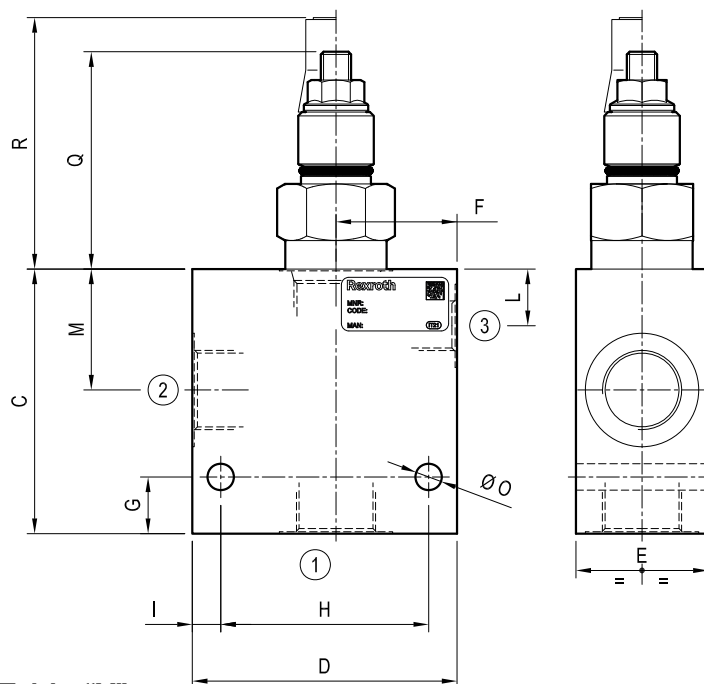
Common cavity

Cartridge style in manifold

VBST-C

OY.04 - K - X - Y - Z - W

Dimensions



Technical data

Max flow: up to 320 l/min (85 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

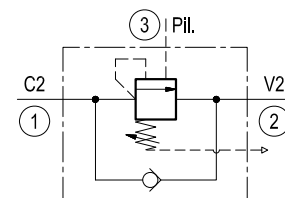
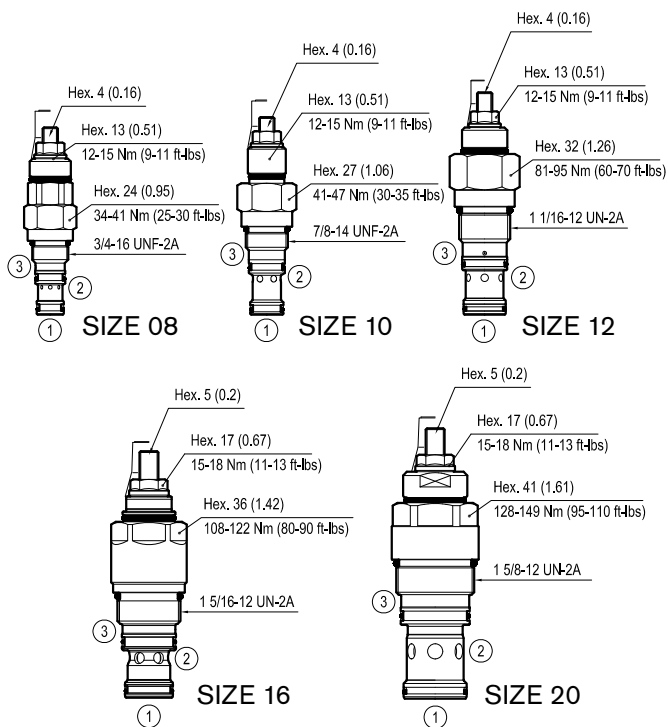


Table "Y"

Cavity	Y	PORT SIZE		Max Flow l/min (gpm)	DIMENSIONS mm (Inches)												
		1 - 2	3		C	D	E	F	G	H	I	L	M	N	O	Q	R
SIZE 08	09	G 1/4	G 1/4	30 (8)	60 (2.36)	60 (2.36)	30 (1.18)	30 (1.18)	15 (0.59)	45 (1.77)	7.5 (0.3)	13 (0.51)	27 (1.06)		7 (0.28)	60 (2.36)	69 (2.72)
	02	G 3/8	G 1/4		60 (2.36)	60 (2.36)	30 (1.18)	30 (1.18)	15 (0.59)	45 (1.77)	7.5 (0.3)	13 (0.51)	27 (1.06)		7 (0.28)		
SIZE 10	02	G 3/8	G 1/4	60 (16)	70 (2.76)	60 (2.36)	35 (1.38)	30 (1.18)	15 (0.59)	45 (1.77)	7.5 (0.30)	15 (0.59)	32 (1.26)		7 (0.28)	59 (2.32)	67 (2.64)
	03	G 1/2	G 1/4		70 (2.76)	70 (2.76)	35 (1.38)	32 (1.26)	15 (0.59)	55 (2.17)	7.5 (0.30)	15 (0.59)	32 (1.26)		7 (0.28)		
SIZE 12	03	G 1/2	G 1/4	120 (32)	80 (3.15)	75 (2.95)	40 (1.58)	35 (1.38)	15 (0.59)	55 (2.17)	10 (0.39)	24 (0.95)	42 (1.65)		7 (0.28)	61 (2.4)	67 (2.64)
	04	G 3/4	G 1/4		90 (3.54)	75 (2.95)	40 (1.58)	35 (1.38)	15 (0.59)	55 (2.17)	10 (0.39)	24 (0.95)	42 (1.65)		9 (0.35)		
SIZE 16	04	G 3/4	G 1/4	200 (53)	90 (3.54)	80 (3.15)	50 (1.97)	38 (1.50)	22 (0.87)	60 (2.36)	10 (0.39)	18.5 (0.73)	39 (1.54)		9 (0.35)	75 (2.95)	80 (3.15)
	05	G 1	G 1/4		90 (3.54)	90 (3.54)	50 (1.97)	40 (1.58)	22 (0.87)	70 (2.76)	10 (0.39)	18.5 (0.73)	39 (1.54)		9 (0.35)		
SIZE 20	05	G 1	G 1/4	320 (85)	110 (4.33)	100 (3.94)	60 (2.36)	45 (1.77)	25 (0.98)	75 (2.95)	12.5 (0.49)	21 (0.83)	51 (2.01)		11 (0.43)	69 (2.72)	75.5 (2.97)
	06	G 1 1/4	G 1/4		110 (4.33)	100 (3.94)	60 (2.36)	45 (1.77)	25 (0.98)	75 (2.95)	12.5 (0.49)	21 (0.83)	51 (2.01)		11 (0.43)		

Cartridge style



[mm (inches)]

Table “K”

			K				
CARTRIDGE CODE	04	59	08	X	56	Z	VBST-08AA
	04	59	16	X	85	Z	VBST-10A
	04	59	26	X	57	Z	VBST-12A
	04	59	27	X	27	Z	VBST-16A
	04	59	18	X	58	Z	VBST-20A

Table “X”

X	PILOT RATIO		OPTIONS	
03	4 : 1	3:1 only for K=16 version	 Ordering code	
			K=08,16,26	11.04.23.002
			K=27,18	11.04.23.004

CARTRIDGE TECHNICAL DATA

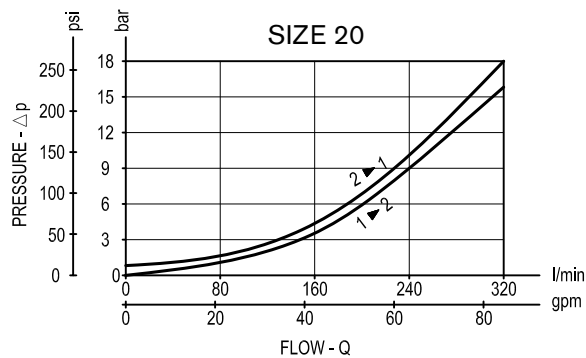
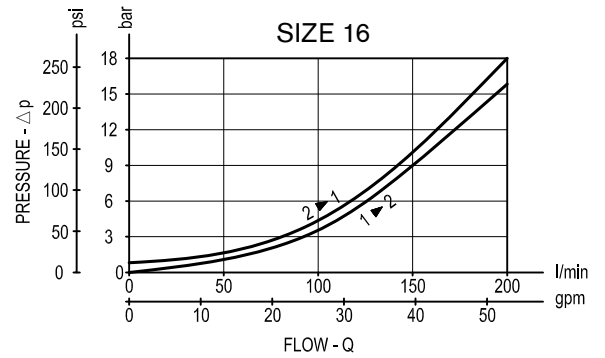
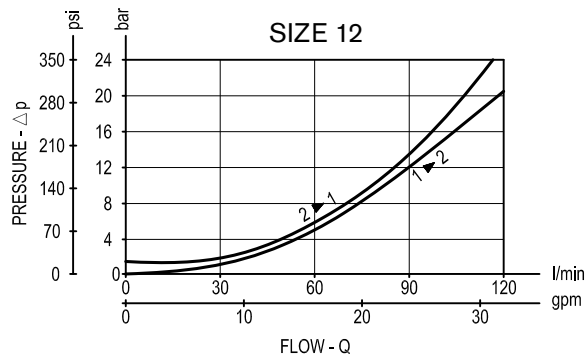
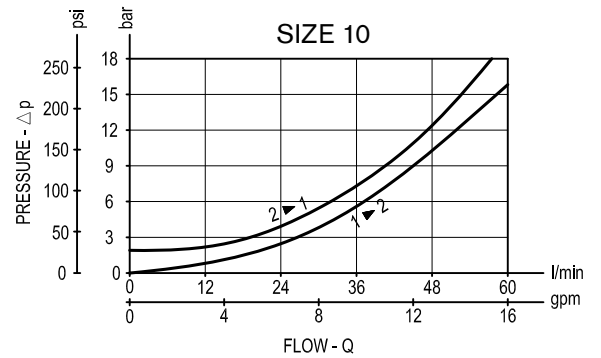
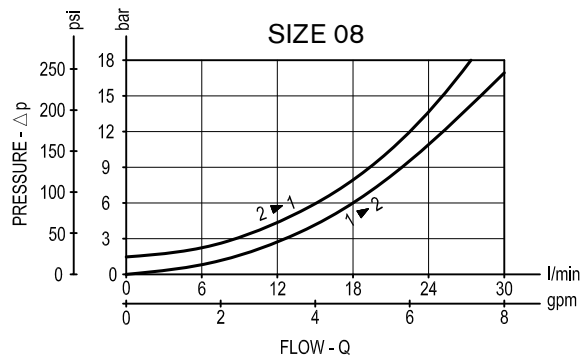
Common cavity: **CA-08A-3C / CA-10A-3C / CA-12A-3C / CA-16A-3C / CA-20A-3C**

For other details see data sheet RE 18320-11, RE 18320-12, RE 18320-13, RE 18320-14 and RE 18320-15.

Table “Z”

[illegible]

Performance graphs



Ordering code

OY.04	K	X	Y	Z	W
Manifold with counterbalance, vented guided poppet type				Manifold material	
				= 00 Aluminium manifold	
				= S0 Steel manifold	
Cartridge style - Common cavity (see table K on page 2)				Settings - Springs (see table Z on page 2)	
Cartridge style - Pilot ratio (see table X 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
OY0408030220S0	R934001303		
OY0408030235S0	R934001304		
OY0416030320S0	R934001306		
OY0416030335S0	R934001307		
OY0426030420S0	R934001308		
OY0426030435S0	R934001309		
OY0427030535S0	R934001311		
OY0418030620S0	R934001322		
OY0418030635S0	R934001323		

Further types available by request