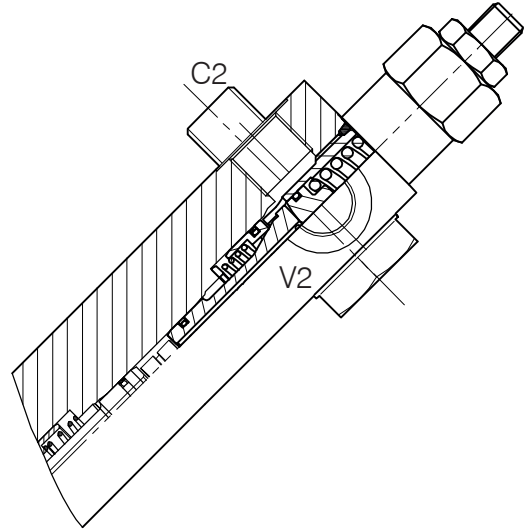
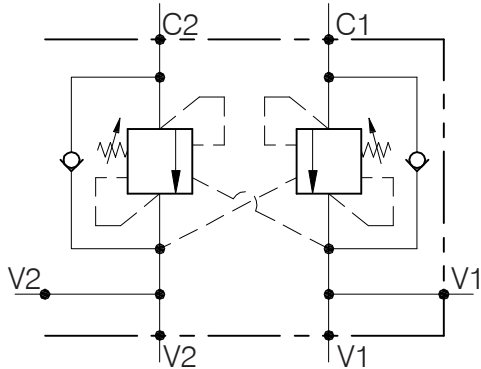


WB-DE-...FCB-...

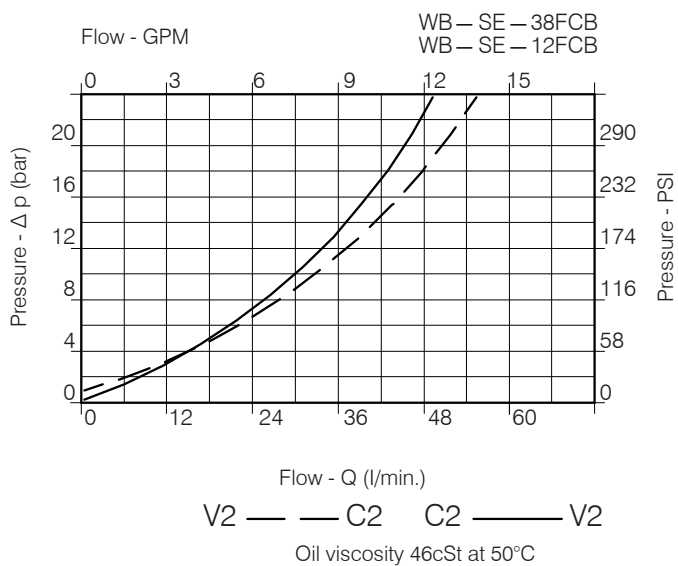
DOUBLE COUNTERBALANCE VALVE WITH FLANGEABLE BODY



Performance

Rated size	DN 8/10
Min/Max flow-rate	1/60 l/min - 0.26/15.9 GPM
Max peak pressure	450 bar - 6525 PSI
Max setting pressure	350 bar - 5075 PSI
Standard pilot ratio	4.25 : 1
Room temperature	-30°C + 50°C
Oil temperature	-30°C + 80°C
Recommended filtration	30 micron
Weight	

Performance Details



NOTE:

Valve should be set at 1.3 times load induced pressure.

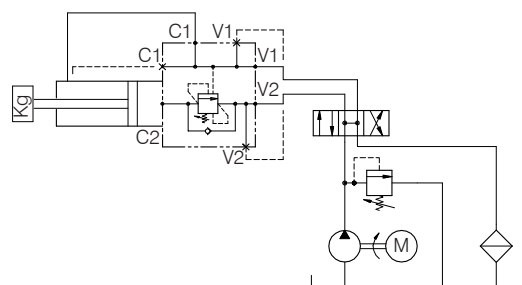
EXAMPLE:

Max working pressure: $350 \text{ bar} / 1.3 = 270 \text{ bar}$

Hydraulic valves and integrated components

Technical drawing of a hexagonal bolt. The drawing shows the bolt with a hexagonal head and a threaded shank. The total length of the bolt is indicated as 61. The head has a hexagonal shape with a width across flats of 17. The shank has a hexagonal shape with a width across flats of 24. The labels 'Ch. 5', 'Ch. 17', and 'Ch. 24' are placed next to the corresponding dimensions. The label 'Hex.' is placed below each dimension label.

TYPICAL CIRCUIT EXAMPLE



Dimensions

Setting Range	F	G	L	M	N	P	Q	R	Port size	Tightening torque for Bolt	Max flow-rate	
									V1-C1 GAS	V2-C2 BSP	NM	l/min - GPM
288	21	108	25	27	13	22	65	9	3/8"	63÷71	40-10	
289	19	112	27	32	16	27	72	10	1/2"	75 ÷ 85	60-15	

Ordering Code

N	0	1	.	2	8	8	.	0	.	X	0	.	A
---	---	---	---	---	---	---	---	---	---	---	---	---	---

<u>Setting Range</u>	
288	
289	
Setting range 60 ÷ 350 bar (yellow spring)	
Std. bar setting Q=5 l/1') 250 bar	Pressure rise - turn of screw (90)

Body
Zinc plated
Steel

- Adjustment

X= Dowel
K= Sealed

Pilot Ratios

$$O = 4.25 : 1$$

$$D = 8 : 1$$