Part number:

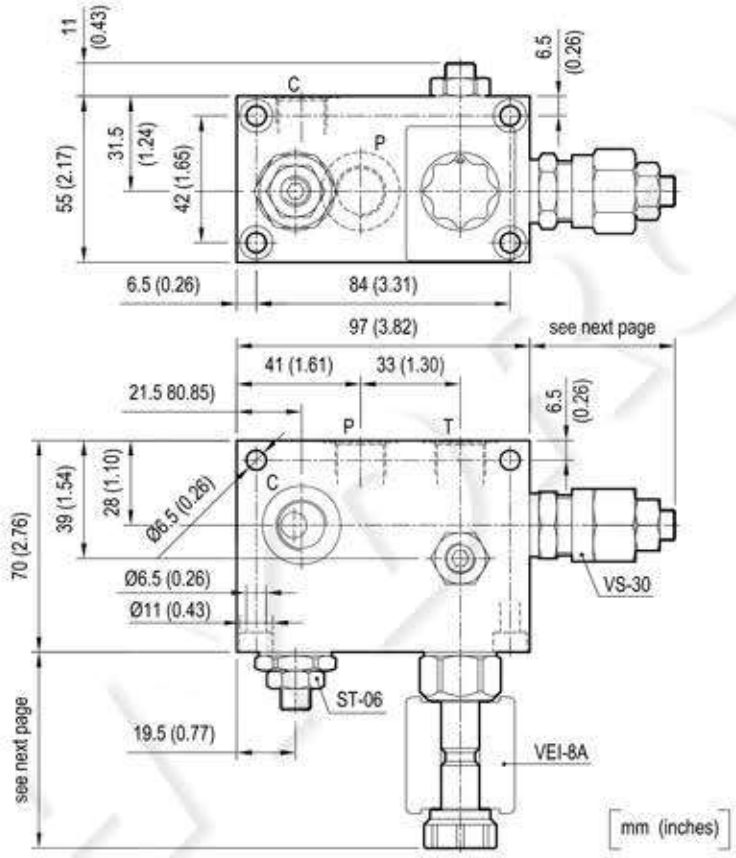
HYDROMA HYDRAULICKÉ SYSTÉMY | HIDROMA SISTEMS UKŁADY HYDRAULICZNE | HYDROMA ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

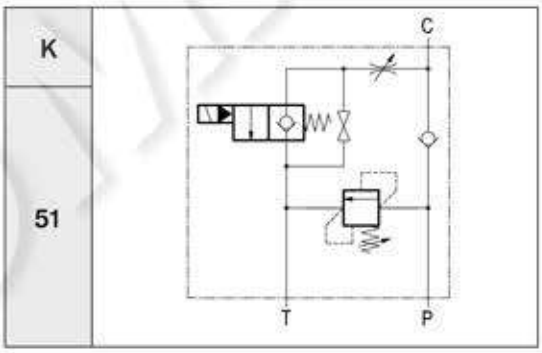
RE 18332-44/07.12
Replaces: RE 18332-44/12.09

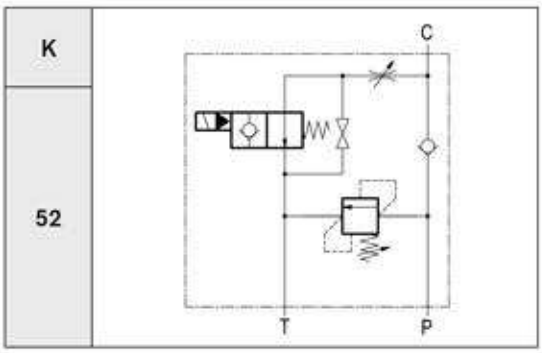
Standard integrated circuits for single-acting cylinder

VEI8A-VU-VS-ST-06 **OL - K - Y - Z - W - 00**

Dimensions



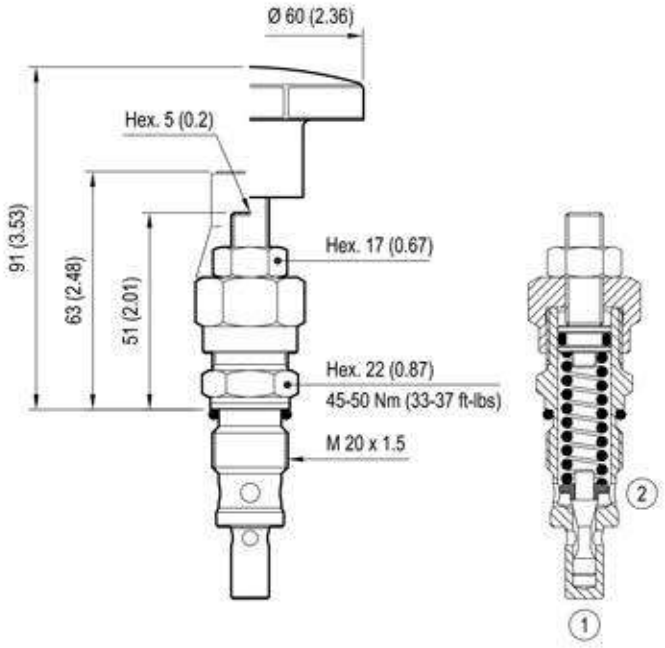




Technical data

Max flow: up to 25 l/min (7 gpm)
Max operating pressure: 210 bar (3000 psi)
Standard manifolds in high strength **aluminium**. For working pressure up to 350 bar (5000 psi) and for fatigue applications with any working pressure, steel manifolds are available upon request.
Weight: 1.3 kg (2.9 lbs)
These integrated circuit contains one relief valve type VS-30 operating from P to T and one solenoid valve type VEI-8A (see next page).

VS30 Cartridge valve (code 04.11.18.X.99.Z)



mm (inches)

Z		VS-30 SETTING		
		Adj. pressure range bar (psi)	Press. increase bar/turn (psi/turn)	Std. setting bar (psi) (Q=5 l/min)
	04	30-100 (435-1450)	24 (348)	100 (1450)
	07	50-210 (725-3000)	47 (682)	200 (2900)
	10	100-350 (1450-5000)	82 (1189)	350 (5000)
	05	30-100 (435-1450)	24 (348)	100 (1450)
	08	50-210 (725-3000)	47 (682)	200 (2900)
	11	100-350 (1450-5000)	82 (1189)	350 (5000)

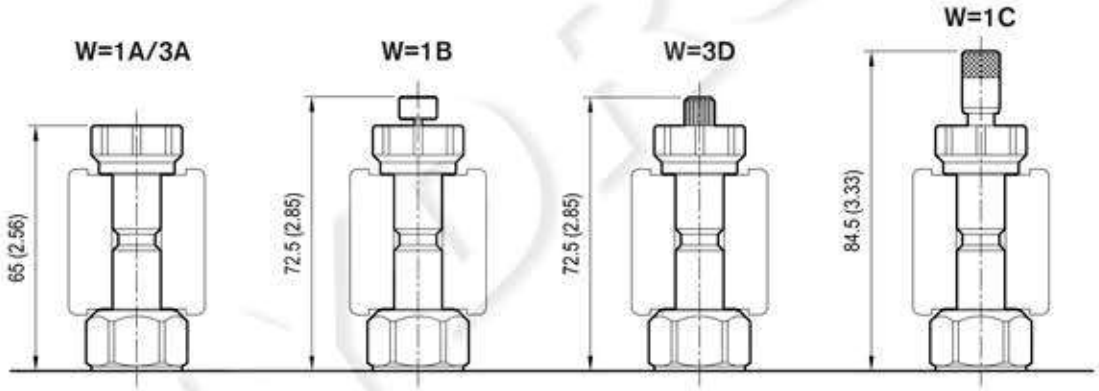
ADJUSTMENTS	
Leakproof hex. socket screw	
Handknob and locknut	

OPTIONS

Tamper resistant cap 11.04.23.003

VS-30 TECHNICAL DATA
See table "Z", for other details see data sheet RE 18318-23

VEI-8A Solenoid cartridge valve (code OD.15.K.18...)

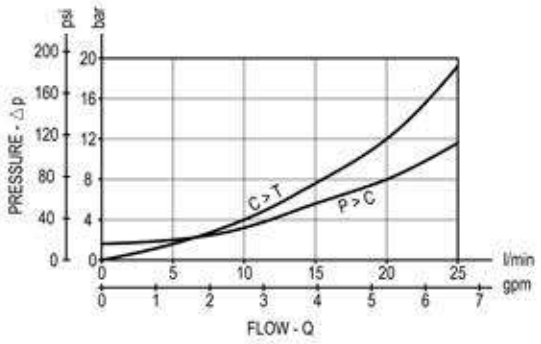


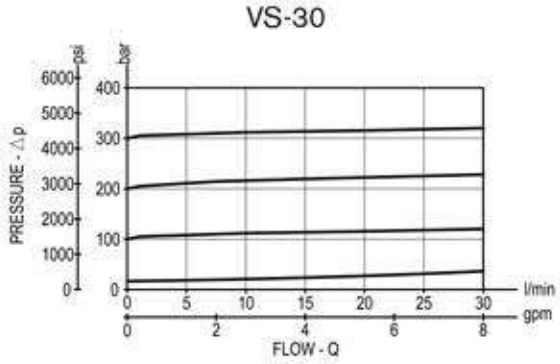
mm (inches)

W	MANUAL OVERRIDE OPTIONS	
	K = 51	K = 52
1A	/	No override
1B	/	Push style
1C	/	Push and twist style
3A	No override	/
3D	Knob style	/

VEI-8A TECHNICAL DATA
Internal leakage: max. 1cm³/min (0.06 inch³/min)
Filtration: 25 µm nominal or better
Minimum voltage required: 90% of nominal value
Coil: S8-356 **(must be ordered separately)** (see data sheet RE 18325-90)
For other details see cartridge data sheet

Performance graphs





Ordering code

OL	K	Y	Z	W	00

OL — Solenoid operated valves standard integrated circuits for single-acting cylinder

K — Hydraulic schemes (see page 1)

Y

Port sizes	P - T - C	
= 09	G 1/4	
= 02	G 3/8	
= 03	G 1/2	

Z — VS-30 setting (see table on page 2)

W — Manual override options (see table on page 2)

Preferred types (readily available)

Type	Material number
OL5109043A0000	R934002639
OL5109073A0000	R934003305
OL5109103A0000	R934003306
OL5102043A0000	R934002611
OL5102073A0000	R934002612
OL5102073D0000	R934003793
OL5102083A0000	R934000442
OL5102103A0000	R934000505
OL5103043A0000	R934002619
OL5103073A0000	R934002620
OL5103073B0000	R934002623
OL5103073D0000	R934002625
OL5103103A0000	R934002627
OL5103103B0000	R934002628
OL5103103D0000	R934003304

Type	Material number
OL5202071A0000	R934002640
OL5202101A0000	R934002641
OL5203071A0000	R934002642
OL5203071B0000	R934002643

Further types available by request