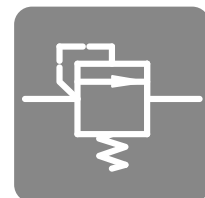
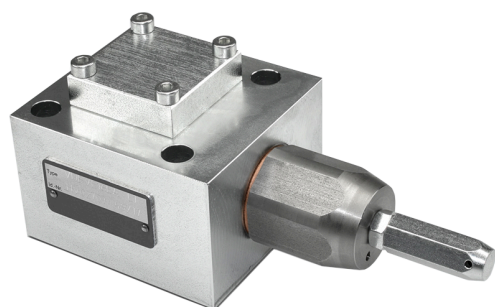


Pressure-limiting valve type VDB (size 16 & 32)

operating pressure p_{max} 350 bar
 volume flow V_{max} 320 L/min



Product characteristics

Pressure-limiting valves are a type of pressure control valve. They safeguard the system against excessive system pressure or limit the operation pressure.

Features and benefits:

- design: screw-in cartridge, hydraulically pilot controlled
- pilot oil: internal, optionally external
- easily convertible for magnetic relief
- robust design
- sealing possible

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Technical data

General

weight	VDBVE16_: 1.4 kg
	VDBVE32_: 1.6 kg
ambient temperature	-30 to +50 °C
mounting position	arbitrary

Hydraulic parameters

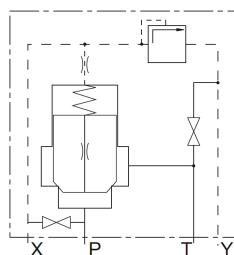
Hydraulic fluid: mineral oil according to DIN 51524, other media on request

max. operating pressure	P, X: 350 bar
	T, Y: 280 bar
volume flow	VDBVE16_: 8-150 L/min
	VDBVE32_: 12-320 L/min
temperature hydraulic fluid	-25 to +70 °C
viscosity	10-600 mm ² /s
permissible degree of pollution	max. class 22/19/16 according ISO 4406
filter recommendation	filter retention rate $\beta_{25} > 75$

Order information

Type code

VDB	VE16	E	D
			pressure range
			A 5 - 70 bar
			B 10 - 140 bar
			C 20 - 210 bar
			D 50 - 280 bar
			E 70 - 350 bar
			setting options adjustable
	size	VE16	size 16
		VE32	size 32
type	pressure-limiting valve		



Contact details

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