

Proportional valves direct acting spool
5-way 3-position
Common cavity, Size 10

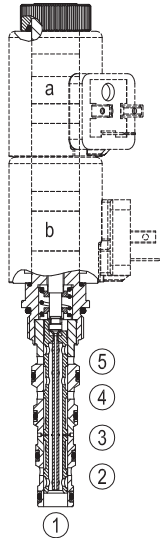
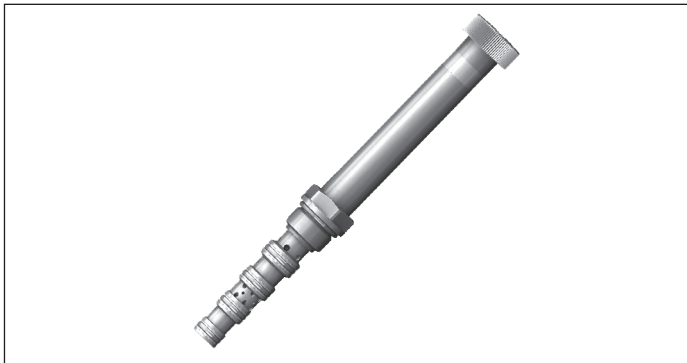
VEPS-10A-53

OD.53 - X - 54 - KP2 - Y - 00

RE 18324-67

Edition: 02.2020

Replaces: 06.2017



Technical data

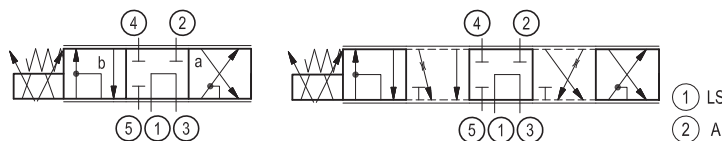
General	
Weight (with coils)	0.85 kg (1.87 lbs)
Installation position	Any
Ambient temperature range	-40 to 110 °C (-40 to 230 °F)
Salt spray test to DIN 50021	720 h
Hydraulic	
Max. operating pressure port 2, 3, 4	350 bar (5075 psi)
Max. operating pressure port 1	250 bar (3625 psi)
Max. flow	25 l/min. (7 gpm)
Max. internal leakage	< 60 ml/min. (with $\Delta p=250$ bar; HLP46, $T_{oil} = 40^{\circ}C$)
Fluid temperature range	-40 to 80 °C (-40 to 176 °F)
Fluids: Mineral-based or synthetics with lubricating properties at viscosities of 5 to 1000 mm ² /s (preferably 10 to 100 mm ² /s)	
Recommended degree of fluid contamination	Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14
Cavity	CA-10A-5N see 18325-75
Load cycles	2 Mio.
Spare parts	
Cavity seal kit	material no. R961005837
Nut	material no. R901241052
O-Ring for pole tube	material no. R900007769
O-Ring for pole tube	material no. R913014944
Electrical	
Type of voltage	DC voltage
Coil type	GP37 see 18325-90

Note: coils must be ordered separately.

Application note:

When valves are used in parallel please be sure that the system is saturated. For further information consult factory.

▼ **Version 10**



▼ **Version 20**



Ordering code

OD53	X	54	KP2	Y	0	0
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Proportional valves direct acting spool
5-way 3-position

Version **10**
Version **20**

without manual override **0**

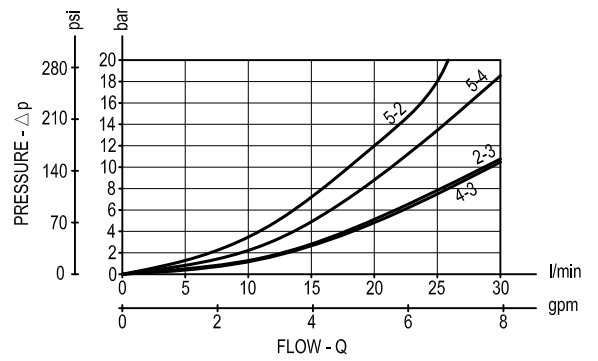
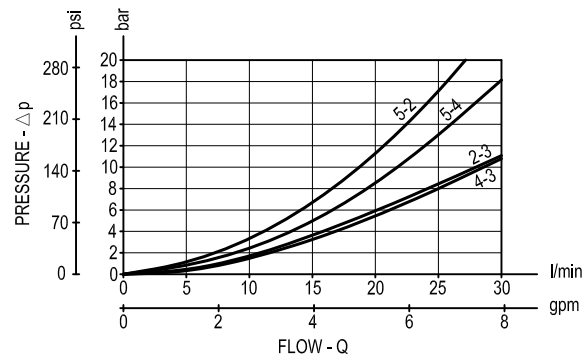
Preferred types

Type	Material number
OD531054KP2000	R901317308
OD532054KP2000	R901317306

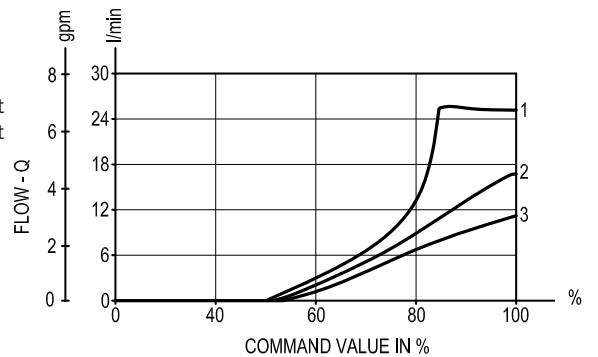
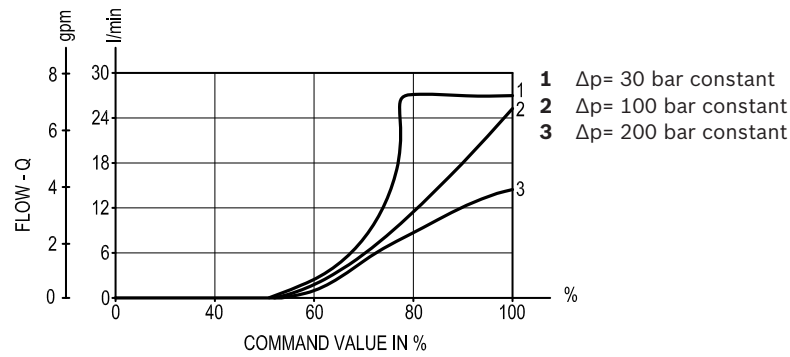
Type	Material number

Characteristic curves

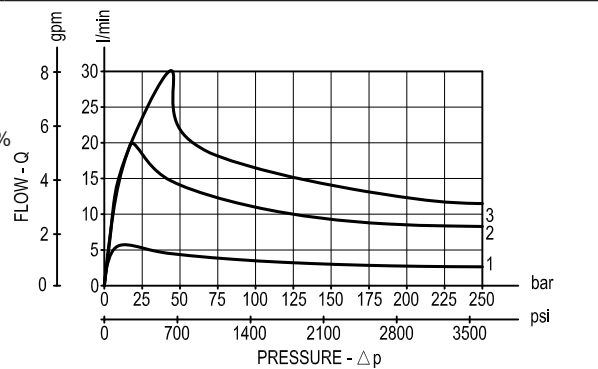
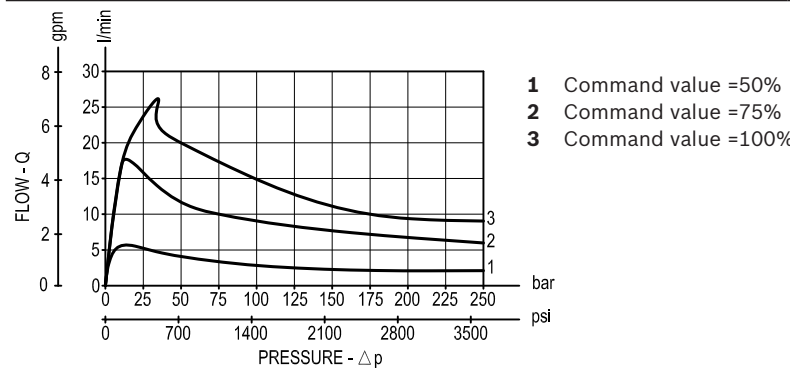
Version 10 **Version 20**



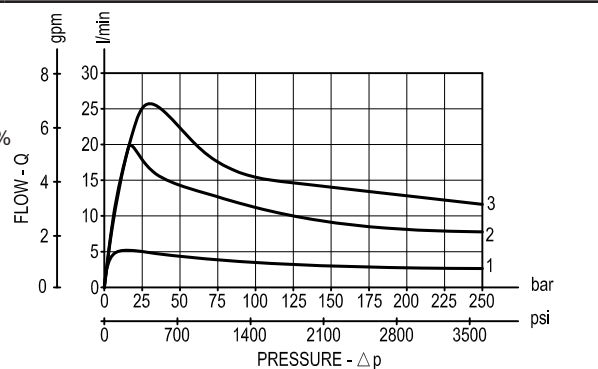
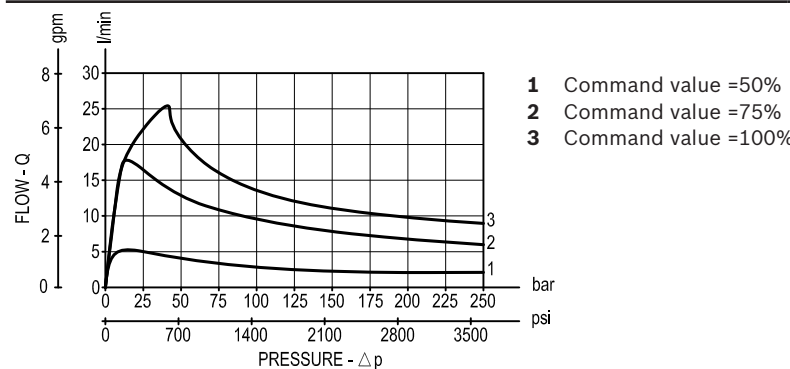
All version - Direction of flow 5-2 **Direction of flow 5-4**

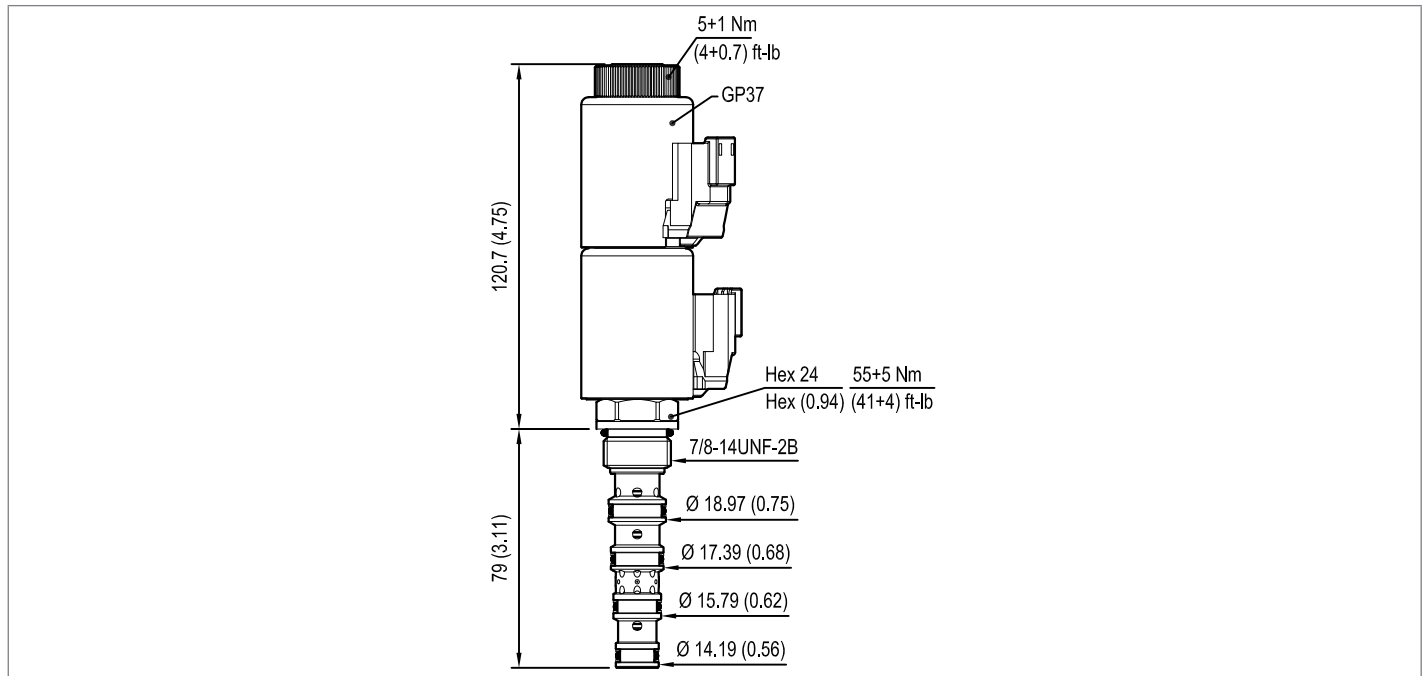


Version 10 - Direction of flow 5-4 **Version 10 - Direction of flow 5-2**



Version 20 - Direction of flow 5-4 **Version 20 - Direction of flow 5-2**



Dimensions▼ **Proportional valves direct acting spool 5-way 3-position****Bosch Rexroth Oil Control S.p.A.**

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