

Proportional valves direct acting spool

5-way 3-position

Common cavity, Size 10

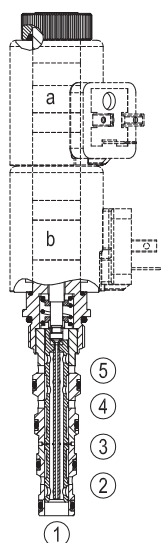
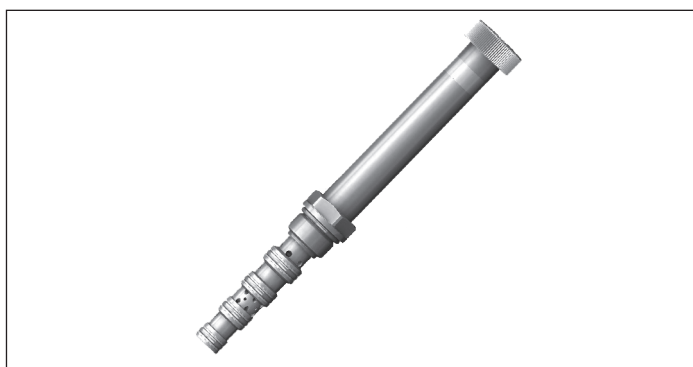
VEPS-10A-53

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

RE 18324-67

Edition: 01.2017

Replaces: 05.2016

**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, $T_{oil} = 40^\circ\text{C}$)
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 mm²/s (preferably 10 to 100 mm²/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.

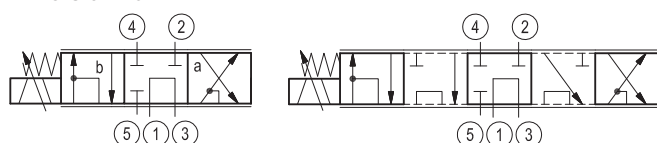
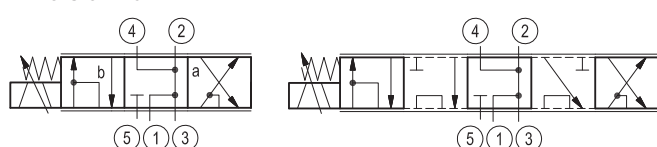
Spare parts

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.

▼ Version 10**▼ Version 20**

- ① LS
- ② A
- ③ T
- ④ B
- ⑤ P

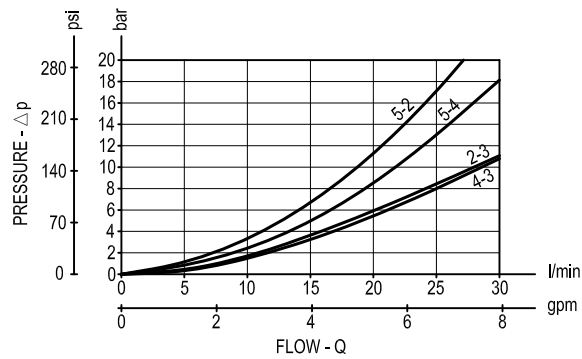
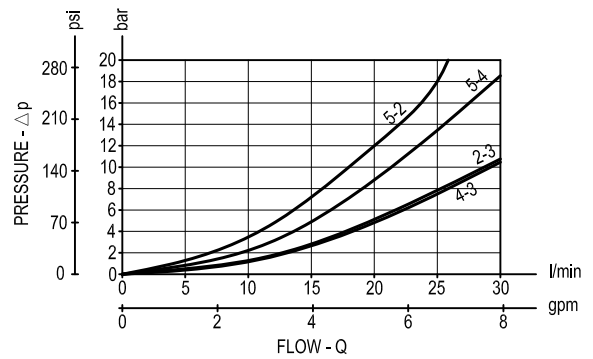
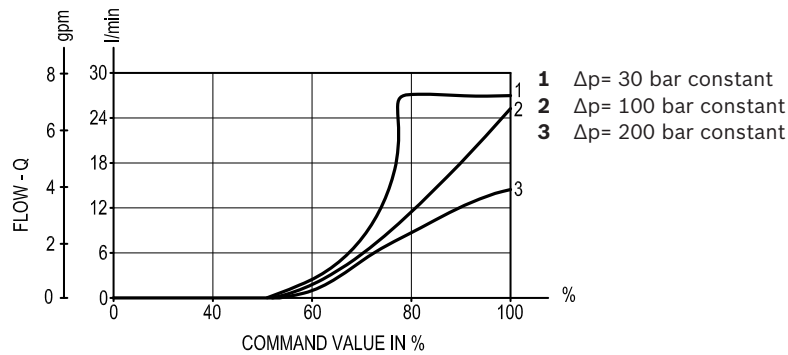
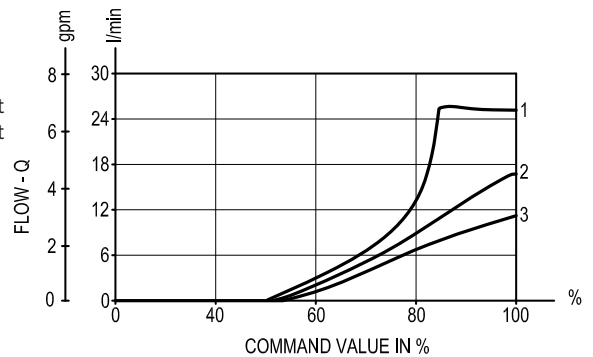
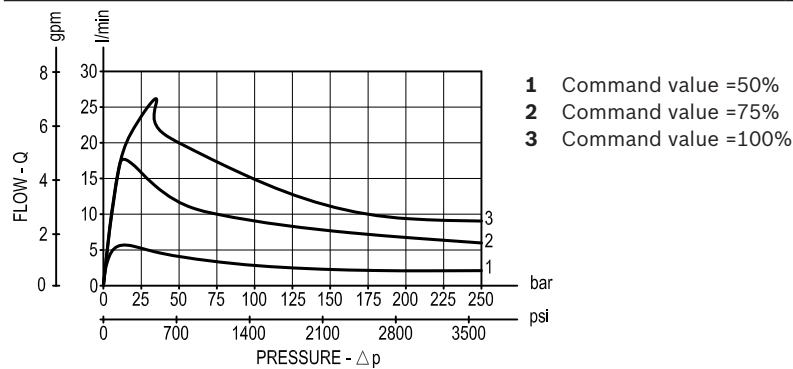
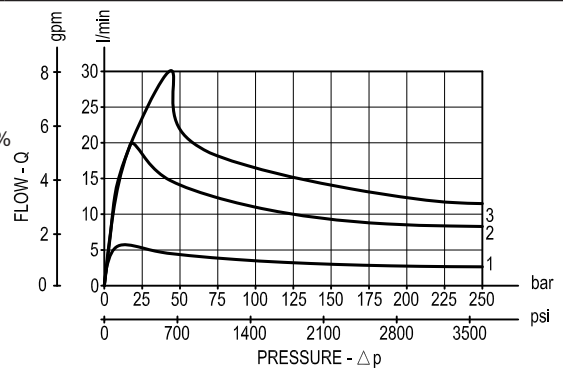
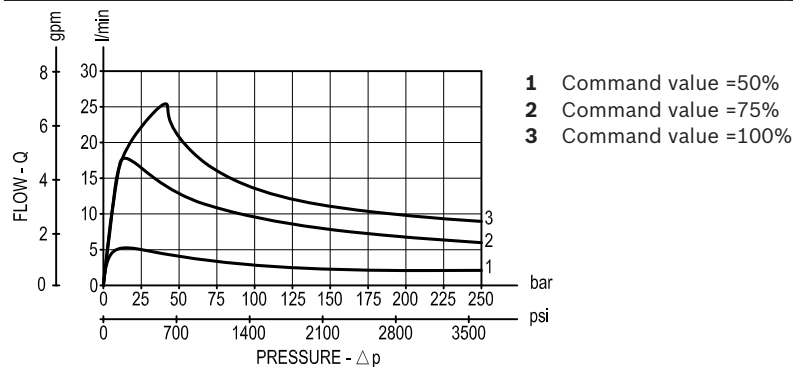
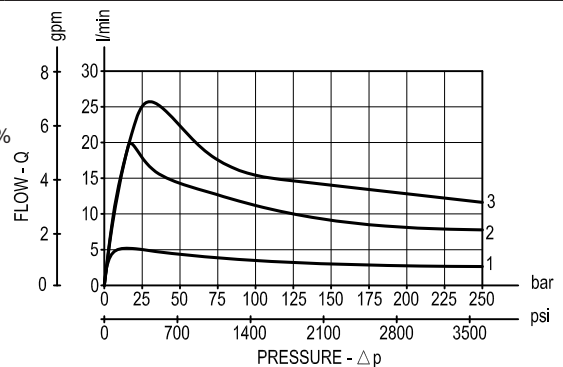
Ordering code

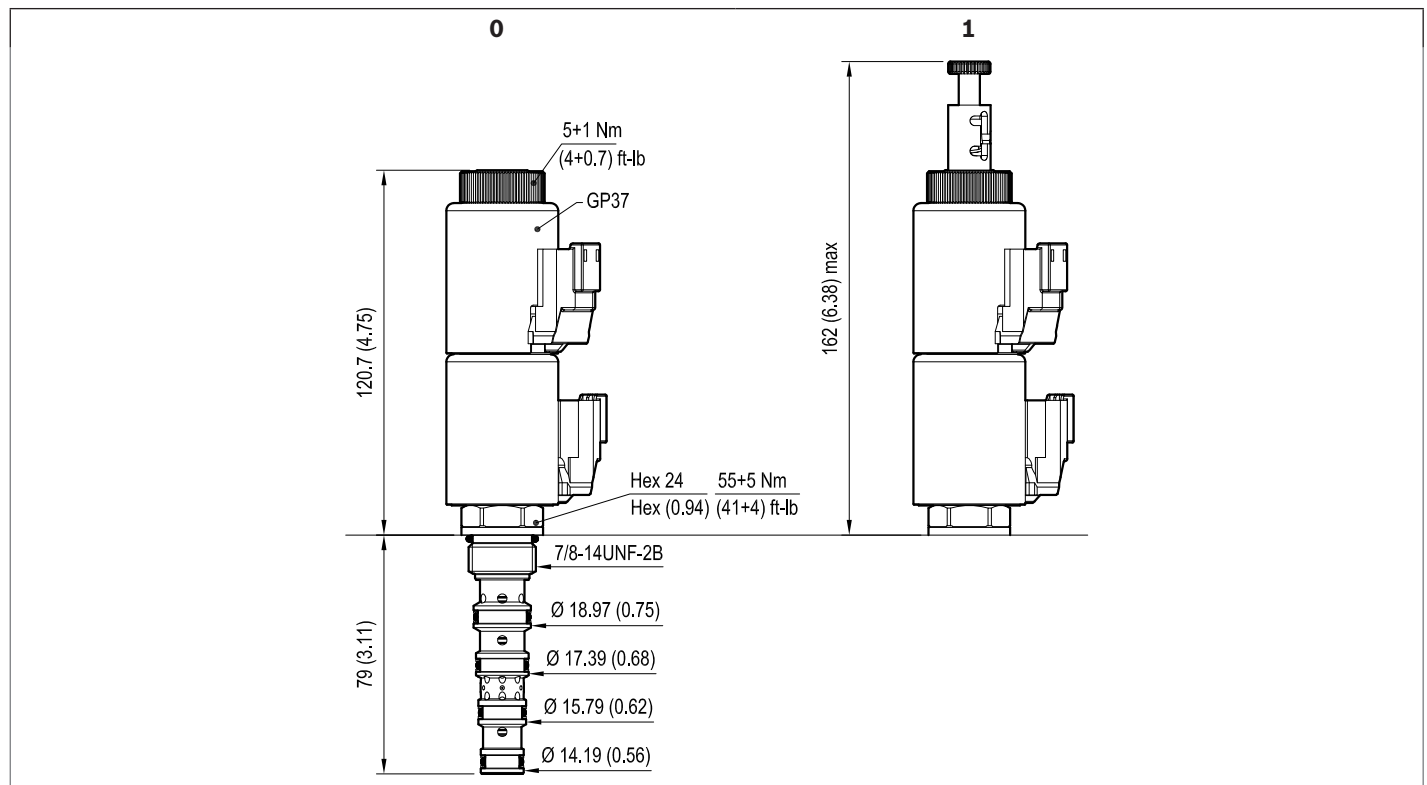
OD53	X	54	KP2	Y	0	0
Proportional valves direct acting spool 5-way 3-position						
Version 10						
Version 20						
without manual override 0						
with pull/push manual override 1						

Preferred types

Type	Material number
OD531054KP2000	R901317308
OD532054KP2000	R901317306

Type	Material number
OD531054KP2100	R901317303
OD532054KP2100	R901317300

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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