

CHARACTERISTICS

Ambient temperature	-20 ÷ 80 °C
Fluid	filtered air, with or without lubrication
Working pressure	3 ÷ 10 bar

End-caps	die-cast light alloy
Barrel	anodized aluminium
Piston	aluminium
Guide slide	acetalic resin
Piston seals	NBR
Shock absorber seals	mechanical
Cushionings	pneumatic adjustable (standard supplied)



CODIFICATION KEY

V	L	1	2	2	1	1	3	2	0	8	5	0
		1	2	3	4	5	6		7			

1 Series	2 Carriage type	3 No. of ball bearing pairs standard supplied	
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VL1 = Ø 25÷50 mm - Rodless Cylinders with 90° integrated guides Sliding on ball bearings

2 = Medium carriage
3 = Long carriage

Medium carriage **Long carriage**
2 = Ø 25÷40 **3 = Ø 25÷40**
3 = Ø 50 **4 = Ø 50**

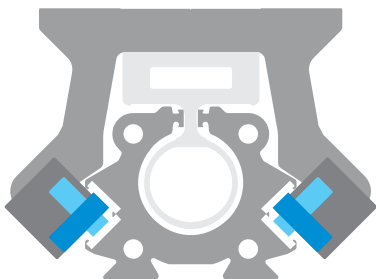
4 Left end-cap supply port	5 Right end-cap supply port	6 Bore (mm)	7 Stroke (mm)
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0 = No supply port (both chambers are supplied from the right end-cap)
1 = Side supply port
2 = Bottom supply port
3 = Rear supply port

1 = Side supply port
2 = Bottom supply port
3 = Rear supply port
4 = Rear supply ports for both chambers on the right end-cap

25 = Ø25
32 = Ø32
40 = Ø40
50 = Ø50

Up to **6000**



VL1

- Extruded aluminium profile Ø 25 ÷ 50 mm
- Stroke up to 6 m
- Heavy duty precision series
- Rigid guide system
- Sliding of the carriage on ball bearings
- Translation speed 0,2 ÷ 2 m/sec.
- Version with locking unit available

FIXING ELEMENTS

Ø	Angle bracket	Fixing plate
25	SF-13025	SF-12025
32	SF-13032	SF-12032
40	SF-13040	SF-12040
50	SF-13050	SF-12050

■ VL1 with L6 locking unit

