

Economical range of rugged, mechanically operated pilot valves. Bodies precision machined from solid brass, all other parts from non-corrosive materials. Full range of standard operators. Available with standard 'O' Ring spool seals or patented "Glydrings" for extended seal life.

Size: 1/8" N.P.T.
 Type: 3 or 4 way spool valve with various mechanical operator
 Medium: Air
 Pressure: 0-150 PSI (0-10 Bar)
 Force to Operate:

Type	Force
D101, D157	10 lbs. (4.6 daN)
D107, D117, D137	5.5 lbs. (2.5 daN)
D127	0.1 lbs. (0.05 daN)

Temperature: OR -10°C +70°C (10°F 160°F)
 GR +5°C +70°C (40°F 160°F)
 Air Flow: 7.5 SCFM @ 100 PSI (CV = 0.2)
 Materials: Body & Spool - Brass
 Also aluminum, plastics, stainless steel

How to order

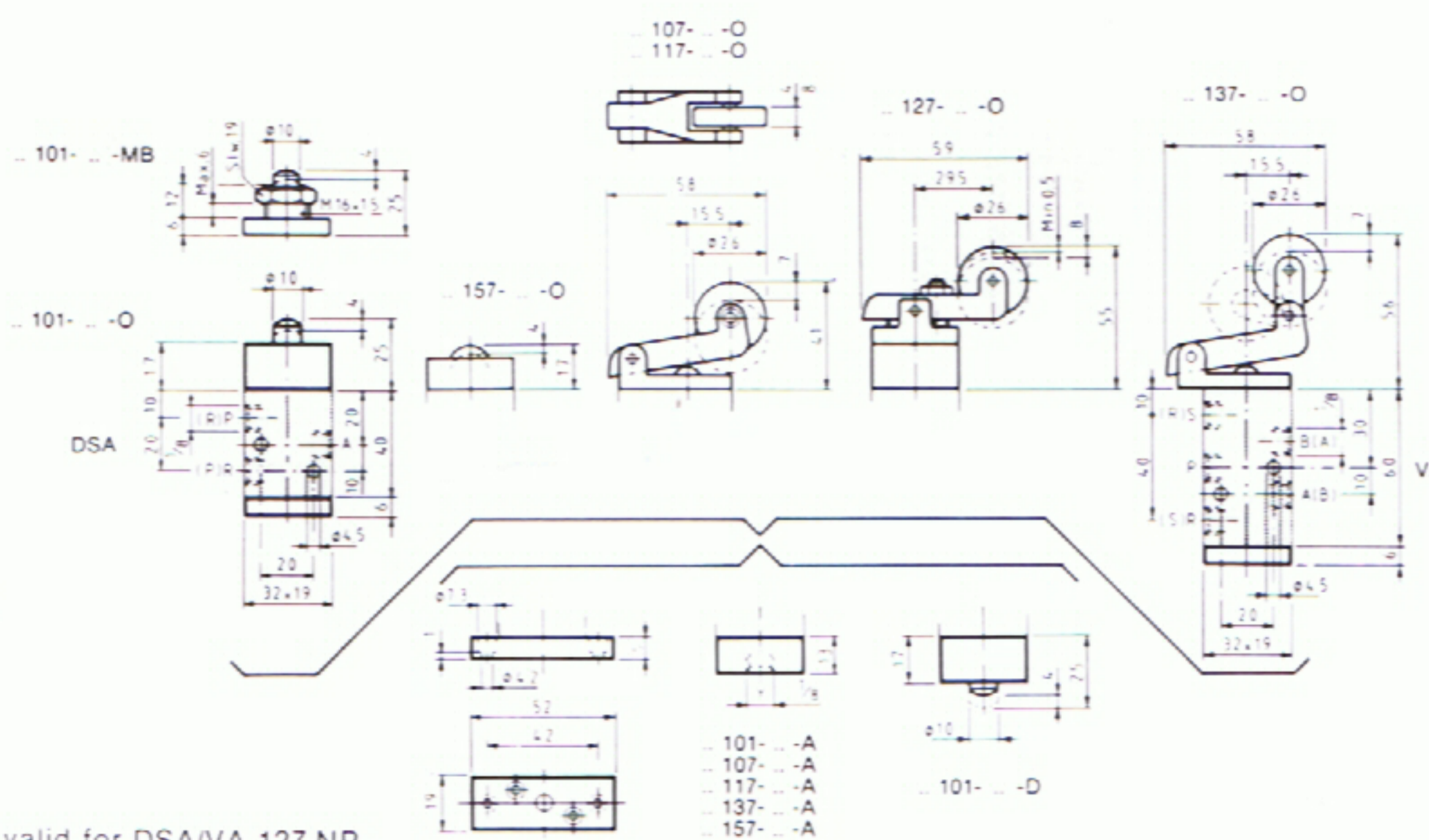
Operation	Plunger	Ball	Roller Lever
3 Way DSA	.. 101-①-②	.. 157-①-②	.. 107-①-②
4 Way VA	.. 101-①-②	.. 157-①-②	.. 107-①-②
Operation	Bearing Lever	Micro Lever	Trip Lever
3 Way DSA	.. 117-①-②	.. 127-①-②	.. 137-①-②
4 Way VA	.. 117-①-②	.. 127-①-②	.. 137-①-②

- 1 Seal**
- OR O-ring: suitable for filtered and lubricated compressed air
 - GR Glydring: suitable for filtered, unlubricated or lubricated, undried or dried compressed air

- 2 Special models**
- NP No special model
 - VNP Pedestal mounting
 - ANP Air return
 - MBNP Mounting by nut
 - STNP Dust-seal

Typical Ordering Example: DSA103-OR-NP

Dimensions (mm)



(..) valid for DSA/VA 127-NP

Switching characteristics

Type	a	b	c	d	e
101 DSA/VA .. OR	0.6	4	4	3.4	0
157 DSA .. GR	2.1	3.6	4	1.9	0.4
157 VA .. GR	1.6	4	4	2.4	0
107 DSA/VA .. OR	1.4	7	7	5.6	0
117 DSA .. GR	4	6.3	7	3	0.7
137 VA .. GR	2.8	7	7	4.2	0
127 E DSA/VA .. OR/GR	0.8	7	-	0	-

Flow characteristics

Operation stroke	Flow	
	DSA/VA	VA
a	P → A : min	B → S : min
b	P → A : max	B → S : max
c	P → A : max	B → S : max
d	A → R : min	P → B : min
e	A → R : max	P → B : max