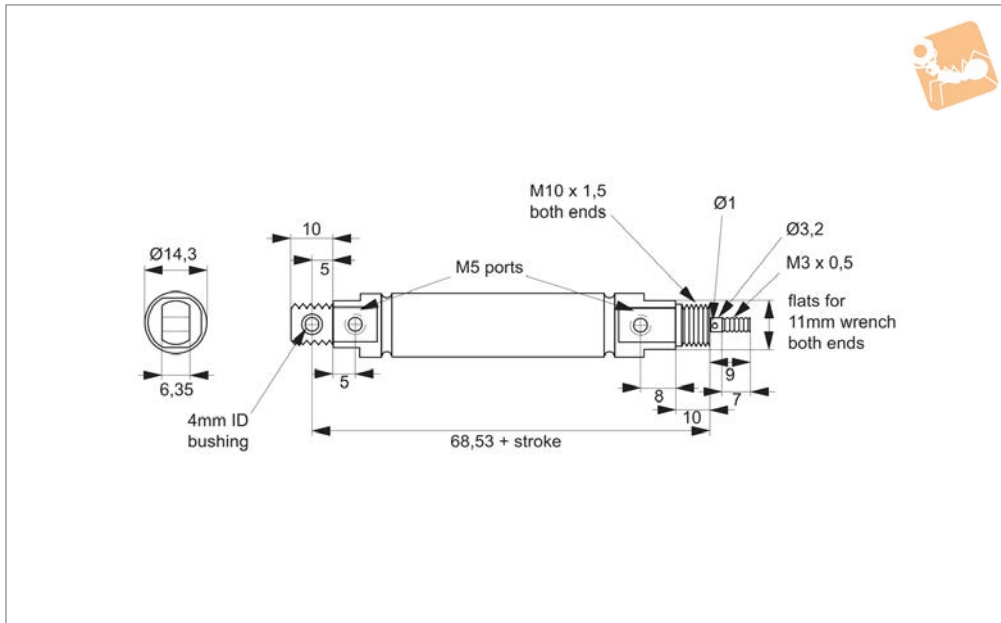




Anti - Stiction Air Cylinder - 9.3mm

universal mount, air extend, spring return



L4508

CYLINDERS

Material

Carbon/graphite piston. Stainless steel rod (AISI 303). Stainless steel outer tube (AISI 304). Nickel plated aluminium cylinder heads and piston/rod coupling. Graphite filled bronze pivot bushing.

Technical Notes

Ultra low friction. Corrosion resistant, no need for lubrication. Operating temperature range: -55°C to

+150°C

For applications operating below -20°C please add -ET to part number. Suitable for vacuum actuation.

Piston area = 67.7mm²

Force output at max pressure on rear side = 47.4N

Force output at max pressure on rod side = 42N

Piston friction as % of load (without side

load) = 1% - 2%.

Min pressure differential required for actuation = < 0.0015 MPa

Force factor rear side = 67.7N

Force factor rod side - 60N

(factor x pressure (MPa) = force output (N))

* max leak measured at pressure of 0.34 MPa.

Order No.	Bore dia.	Stroke	Length	Pressure MPa max.	Leak rate by piston SL/min max.	Leak rate by rod SL/mm max.	Reset spring force rod extended N	Reset spring force rod retracted N	Weight g
L4508.012	9,3	12,5	81,03	0,7	1,16	2,2	0,8	0,5	36,39
L4508.025	9,3	25,0	93,53	0,7	1,16	2,2	0,8	0,4	41,08
L4508.037	9,3	37,5	106,03	0,7	1,16	2,2	0,8	0,2	45,76