



FUNCTIONAL CHARTS

SIZE 63 mm

INNOVATION DOWN TO THE LAST DETAIL



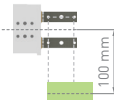
Load position A

horizontal mounting position of the retractable locating pin/load centre on the rod



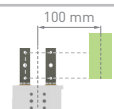
Load position B

horizontal mounting position of the retractable locating pin/load centre at 100 mm from the rod axis



Load position C

vertical mounting position of the retractable locating pin/load centre at 100 mm from the rod axis



Max deflection

Stroke	Load (kg)	Load position A deviation (mm)	Load position B deviation (mm)	Load position C deviation (mm)
60 mm	0.5	0.003	0.009	0
	1	0.007	0.026	0.001
	1.5	0.013	0.043	0.007
	2	0.017	0.063	0.009
	2.5	0.022	0.085	0.018
	3	0.026	0.109	0.023
	3.5	0.031	0.129	0.033
	4	0.036	0.148	0.042

Functional data (at 5 bar)

Thrust force	1,350 N
Pull force	1,550 N
Max bending moment	4 N m
Max distance from the load centre to the rod	200 mm

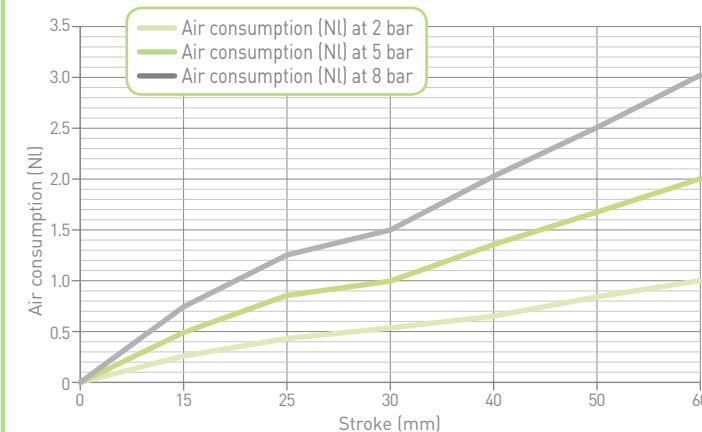
Cycle time for max stroke

< 0.8 s

NO FLOW VALVE REQUIRED

Air consumption

REV. 00 - 31/03/2015



Please get in touch with our technical representatives for any application which exceeds the above values, to find the appropriate solution for your application.

Subject to change without notice

