



Application Proposal No. 2740245068

Date: 02/06/2024 Advisor: Alex Barbret

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Project:

Input data - Identification data

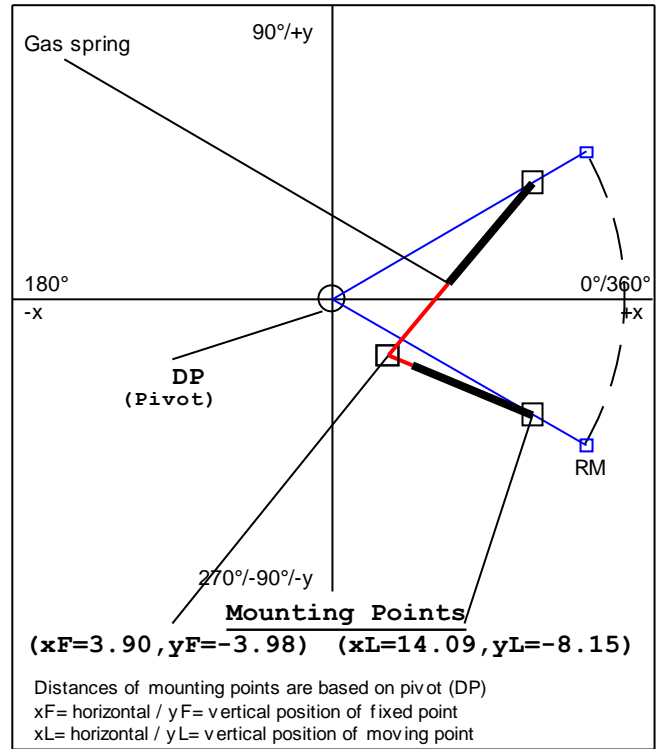
Start angle αM : 330 ° Temperature : 68 °F
 Open angle α : 60 ° Progression : 31 %
 Rd. ctr.grvty. RM : 20.59 in. Friction : 30 N
 Mass m : 42 lb. Ext. length : 15.8 in.
 No. gas springs n : 2
 Rd. handforce RH : 35.43 in.

Required user hand-forces

F1-F2/F3-F4=Hand forces for opening/closing

Angle [°]	F1-F2 [lbs]	F3-F4 [lbs]	Length [in.]
330	-8	-7	10.98
343	-1	0	11.69
357	3	4	12.72
370	5	7	13.90
383	5	7	15.16
390	6	8	15.83

F1-F4 positive requires clockwise hand force
 F1-F4 negative requires counter-clockwise hand force



Model	Price/USD	Qty.	Total/USD
GS-19-150-AA-V-380-V4A	0.00	2	0.00
Industrial Gas Spring stainless steel AISI 316L/316Ti, 19 mm Diameter, 150 mm Stroke			
MA8-V4A Mounting bracket	0.00	2	0.00
OA8-V4A Mounting bracket	0.00	2	0.00

We recommend mounting GS-types with piston rod downwards so that damping is effective at end of extension stroke. GS/GZ-type to be mounted when it is completely extended/compressed (refer to extended length).

Del. time :
 Delivery :
 Price :
 Payment :

Verification of suitability for the respective application case rests with the user!
 Please verify the data/dimensions and inform us immediately about any changes.

Order **Please return fax 248-476-2470**

Date _____ Name _____

Order No. _____ Signature _____

Best regards
 Alex Barbret

This offer is based on your given application data. Further official or legal requirements have not been considered.