

Gas Springs

Mounting Orientation Free Type

Usable at any angle
0° 360°

FGSS
No.15050A~No.22300B

No.27150A~No.27300B

Operating Temperature : -20 ~ 60°C

MMaterial
Cylinder : STKM11A
(Carbon Steel Hollows for Machine Structural Use)

Rod : S20C
Gas : Nitrogen Gas (N₂)

SSurface Treatment
Cylinder : Baked Paint (Black Matt)
Rod : Hard Chrome Plating

Part Number		Max. Length L _{max}	Min. Length L _{min}	Stroke	Gas Reaction Force (20°C)				A	B	H	Applicable Mounting Bracket	Weight (g)	Unit Price 1 ~ 9 pc(s).	Volume Discount Rate																																																																																	
					L _{max} -10mm Stroke		L _{max} -(S)mm Stroke								(S)	10-14	15-20																																																																															
					F _a	kgf	F _b	kgf																																																																																								
Type	No.	246	196	50	49	5	69	7	40	15	7	164	125																																																																																			
					70	7.1	90	9.1																																																																																								
					98	10	127	13																																																																																								
					49	5	69	7								70	218	150																																																																														
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					49	5	69	7													80	238	155																																																																									
					98	10	127	13																																																																																								
					49	5	69	7																		90	254	170																																																																				
					98	10	127	13																																																																																								
					196	20	255	26																							18	8	253	210																																																														
					294	30	382	39																																																																																								
					196	20	265	27																													140	343	280																																																									
					294	30	392	40																																																																																								
					196	20	265	27																																		40	163	215																																																				
					294	30	402	41																																																																																								
					392	40	529	54																																							70	217	270																																															
					490	50	655	66																																																																																								
					196	20	274	28																																												80	237	280																																										
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					490	50	675	68																																																																																								
					196	20	274	28																																																						110	287	320																																
					294	30	412	42																																																																																								
					392	40	549	56																																																											120	307	330																											
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					490	50	659	67																																																																																								
					196	20	274	28																																																																										190	433	480												
					294	30	402	41																																																																																								
					392	40	529	54																																																																															240	467	540							
					490	50	655	66																																																																																								
					196	20	304	31																																																																																				290	517	600		
					294	30	451	46																																																																																								
					392	40	598	61																																																																																								
490	50	657	67																																																																																													
196	20	323	33	190	441	760																																																																																										
294	30	490	50																																																																																													
490	50	657	67						240	475	900																																																																																					
588	60	784	80																																																																																													
686	70	921	94											290	525	1000																																																																																
490	50	657	67																																																																																													
588	60	784	80																																																																																													
686	70	921	94																																																																																													
490	50	725	74																																																																																													
588	60	872	89																																																																																													
686	70	1019	104																																																																																													
490	50	774	79																																																																																													
588	60	931	95																																																																																													

For Mounting Brackets, see P.384, 385.

Ordering Example **Part Number**
FGSS15050A