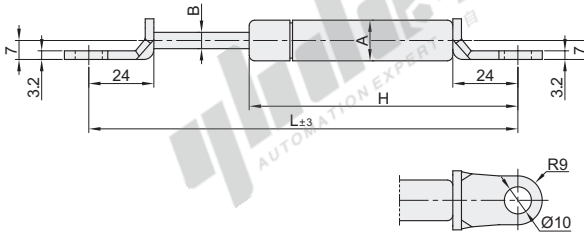


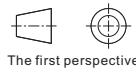
Mounting Direction Free Type

Gas Springs

Code	Type	Material			Surface Treatment			Gas	Operating Temperature
		Cylinder	Rod	Tip	Cylinder	Rod	Tip		
FHJ46	Mounting Direction Free Type	STKM11A	S20C	Q235	Baked-On (Black Matt)	Hard Chrome Plating	Baked-On (Black Matt)	Nitrogen Gas N ₂	-20°C~60°C



Gas Springs Tolerance Standard	
Force (N)	Tolerance Range
≤100	-5/+15
101~200	-10/+20
201~400	-15/+30
401~600	-20/+40
601~800	-25/+50
801~1000	-30/+60
1001~1200	-35/+70
>1200	-40/+80



The first perspective

① Applicable gas spring mounting bracket see next page.

Part Number		Lmax	Lmin	Stroke	Gas Reaction Force(20°C)						A	B	H	Applicable Mounting Bracket	Weight (g)	
Code	No.				Max.Length-10mm Stroke			Max.Length-(S)mm Stroke								(S)
					Fa			Fb								
FHJ46	15050A	246	196	50	N	kgf	N	kgf		15	6	164				
	15050K				49	5	69	7								
	15050B				70	7.1	90	9.1	40							
	15080A	330	250	80	98	10	127	13		218						
	15080B				49	5	69	7	70							
	15090A				98	10	127	13								
	15090B	360	270	90	49	5	69	7	80	238			153			
	15100A	386	286	100	98	10	127	13		254						
	15100B				49	5	69	7								
	18100A				98	10	127	13	90							
	18100B	386	286	100	196	20	255	26		18	8	253	FHJ52-8A FHJ52-8B FHJ52-8C FHJ52-8D	208		
	18150A	294	30	382	39											
	18150B	196	20	265	27	140										
	22050A	246	196	50	294	30	392	40		163						
	22050B				196	20	265	27	40							
	22080A				294	30	402	41	40							
	22080B	330	250	80	196	20	274	28	70	217						
	22090A				294	30	412	42	70							
	22090B				196	20	265	27	80							
	22100A	360	270	90	294	30	402	41	80	237						
	22100B				196	20	274	28	90							
	22120A				294	30	412	42	90							
	22120B	440	320	120	196	20	274	28	110	287						
	22130A				294	30	402	41	110							
	22130B				196	20	274	28	120							
	22150A	470	340	130	294	30	402	41	120	22	10	307				
	22150B				196	20	274	28	140							
	22180A				294	30	402	41	140							
	22180B	610	430	180	196	20	274	28	170	397		397	FHJ52-8A FHJ52-8B FHJ52-8C FHJ52-8D	418		
	22200A				294	30	402	41	170							
	22200B				196	20	265	27	190							
	22250A	666	466	200	294	30	402	41	190	433						
	22250B				196	20	304	31	240							
	22250C				294	30	451	46	240							
	22300A	750	500	250	392	40	598	61	240	467						
	22300B				196	20	323	33	290							
22300B	850	550	300	294	30	490	50	290	517				598			



Please order as shown

Part Number		Lmax
Code	No.	
FHJ46	15050A 15050K	246

FHJ46 — 15050A



Discount price			
Per	1~9	10~	
Price	100%	Additional quotation	



Delivery	
	10