AFJ V2

Mini

BMW	B2 4006	**FORD**	W-DX35-8036
MB	B8 3180 220 000 002		
VW	39D 878		

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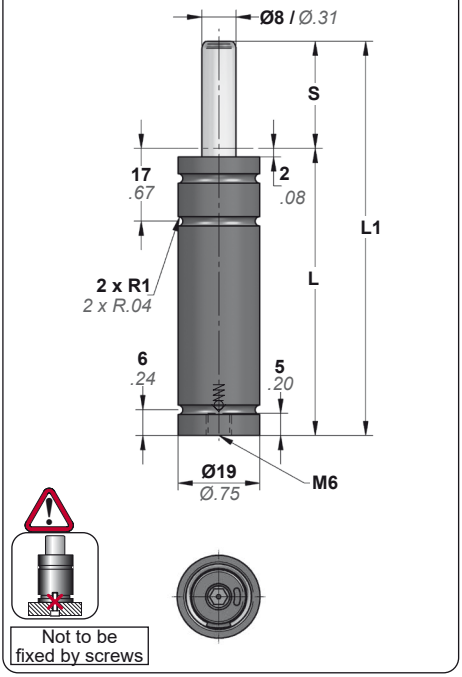

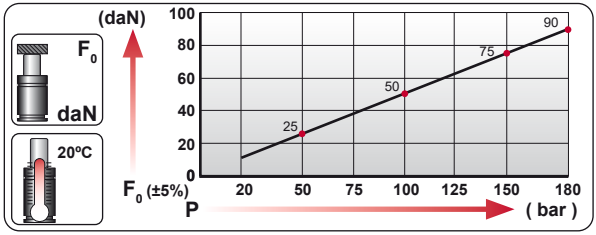

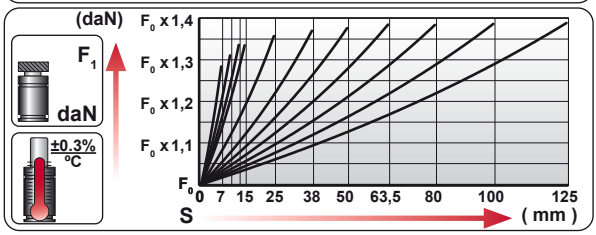

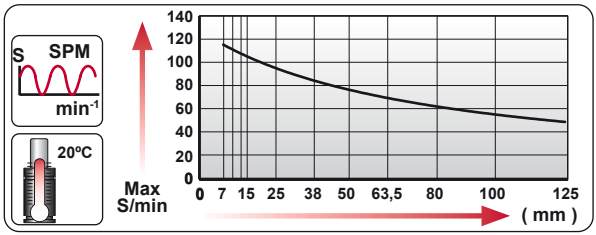

VDI SAFETY

STANDARDS PED 2014/68/UE · VDI 3003 · ISO 11901

ORDER	S		L1 ±0.25		L			
	mm	inch	mm	inch	mm	inch	Kg.	lb
AFJ __ 007 V2	7	0.28	56	2.20	49	1.93	0.08	0.18
AFJ __ 010 V2	10	0.39	62	2.44	52	2.05	0.08	0.18
AFJ __ 012 V2	12.7	0.50	67.4	2.65	54.7	2.15	0.08	0.18
AFJ __ 015 V2	15	0.59	72	2.83	57	2.24	0.09	0.20
AFJ __ 025 V2	25	0.98	92	3.62	67	2.64	0.10	0.22
AFJ __ 038 V2	38	1.50	118	4.65	80	3.15	0.12	0.26
AFJ __ 050 V2	50	1.97	142	5.59	92	3.62	0.13	0.29
AFJ __ 063 V2	63.5	2.50	172	6.77	108.5	4.27	0.15	0.33
AFJ __ 080 V2	80	3.15	205	8.07	125	4.92	0.17	0.37
AFJ __ 100 V2	100	3.94	245	9.65	145	5.71	0.19	0.42
AFJ __ 125 V2	125	4.92	295	11.61	170	6.69	0.22	0.49

ORDER	COLOR	P	
		bar	psi
AFJ 30 050 V2	Green	60	870
AFJ 50 050 V2	Blue	100	1450
AFJ 70 050 V2	Red	140	2030
AFJ 90 050 V2	Yellow	180	2610
AFJ XX 050 V2	Black	20-180	290-2610

ORDER	F_0 Initial Force ±5% 20ºC 68ºF		F_1 (ISOTHERMAL) End Force	
	daN	lb	daN	lb
AFJ 30 050 V2	30	67	40	90
AFJ 50 050 V2	50	112	70	157
AFJ 70 050 V2	70	157	100	225
AFJ 90 050 V2	90	202	125	281
AFJ XX 050 V2	10-90	22-202	14-125	31-281

TECHNICAL DATA

Fluid	N_2	Pmin Pmax 20ºC / 68ºF	20 bar 290 psi	180 bar 2610 psi	Charging Adapter	06 CG 2-Q
Smax	< 90%	Tmin Tmax	0 ºC 32 ºF	80 ºC 176 ºF	Connection	X
Vmax	1,6 m/s	Force variation by temperature	±0,3% / ºC		Cartridge Kit	X

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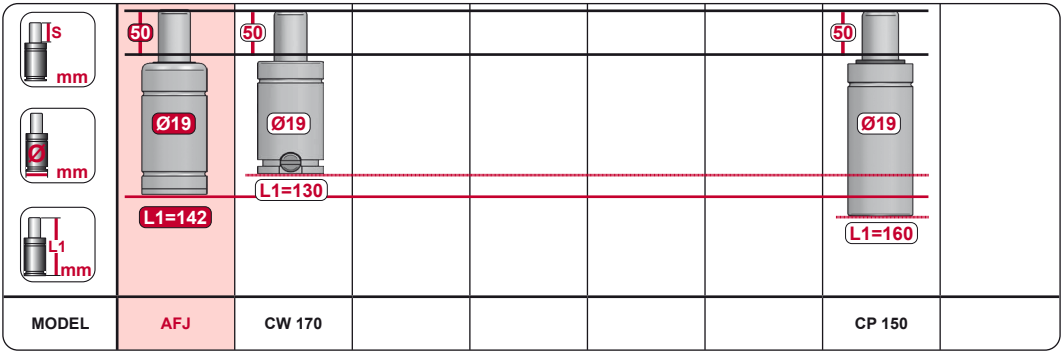
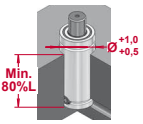
AFJ V2

Mini



MODEL	AFJ	CW 170					CP 150	

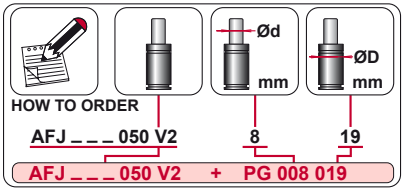
MOUNTING OPTIONS

	Drop-in	Top Mount	Base Mount	Foot Mount	Support Mount
					
HOW TO ORDER		A14-019 580 A44-019 584 A59-019 585		A19-019 586	

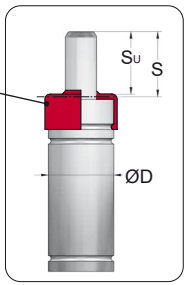
PROTECTION OPTIONS

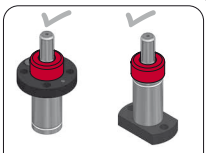
Longer life to your gas springs by using protective solutions from harsh working environment (i.e. hot stamping), specially designed to minimize the impact of solid or liquid contaminants and extending the useful life of gas springs.

PG Protective Guard



Protective Guard





PG involves a variation of the dimensions of the gas spring.
The nominal stroke (S) decreases to the size of the useful stroke (S_U).

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