

MS SERIES

MS 200



Ordering-Example:

Special Sizes Available On Request.

The new code will be supplied only when the old will be out of stock

* F_{1i} =

Isothermal
end force
at 100% Cu

** F_{1p} =

Polytrophic
end force
at 100% Cu

ACTIVE SAFETY



OSAS



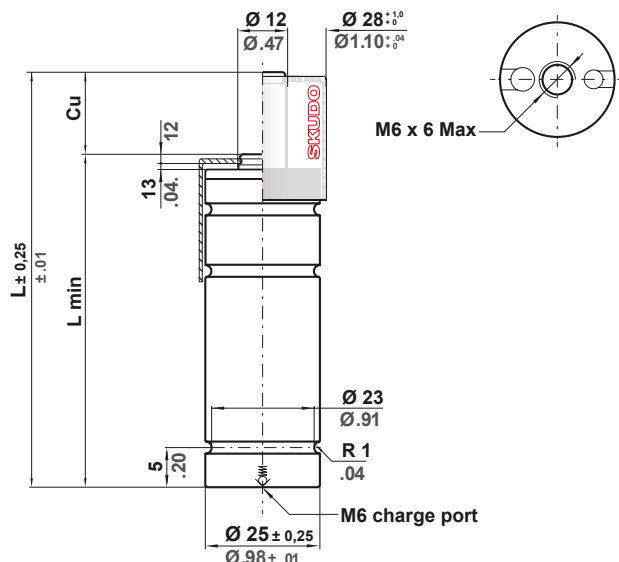
USAS



OPAS

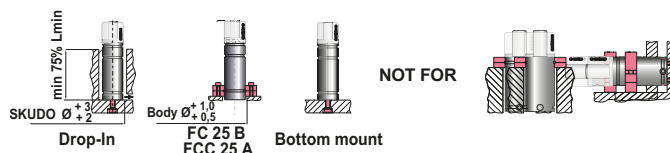
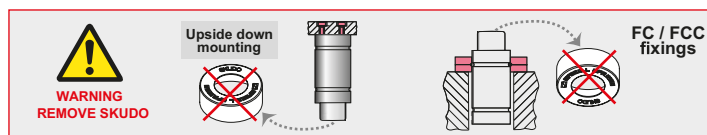


SKUDO



Force color code	P		F ₀ Initial force ± 5% +20°C +68°F	
	bar	psi	daN	lb
OR	15	218	17	38
PR	25	363	28	63
GR	45	653	50	112
BU	90	1305	100	225
RD	135	1958	150	337
YW	180	2610	200	450
BK	10-180	145-2610	11-200	25-450

Pressure to be specified when ordering.



		0 - 80 °C 32 - 176 °F	ΔP ± 0.33 %/°C	P_{max} 180 bar 2610 psi	P_{min} 10 bar 145 psi	S 1.13 cm ² 0.175 in ²	SPM ~ 50 - 80 (at 20°C)	$Max\ Speed$ 1.8 m/s 70.8 in/s	$Maintenance\ kit$ Disposable
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CODE PHASING OUT from 05/2019	 NEW	Cu		L		L min		F1i End force *		F1p End force **		V0				 2014/68/EU
		mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	cm³	in³	~Kg	~lb	
MS200 - 007 - A - ...	MS200 - 007 - B - ...	7	0.28	62	2.44	55	2.17	1,25 x F0		1,43 x F0		4,6	0.28	0,13	0.29	✓
MS200 - 010 - A - ...	MS200 - 010 - B - ...	9,7	0.38	67,4	2.65	57,7	2.27	1,30 x F0		1,50 x F0		5,6	0.34	0,13	0.29	✓
MS200 - 012 - A - ...	MS200 - 012 - B - ...	12	0.47	72	2.83	60	2.36	1,32 x F0		1,54 x F0		6,5	0.40	0,14	0.31	✓
MS200 - 022 - A - ...	MS200 - 022 - B - ...	22	0.87	92	3.62	70	2.76	1,39 x F0		1,65 x F0		10,2	0.62	0,16	0.35	✓
MS200 - 035 - A - ...	MS200 - 035 - B - ...	35,1	1.38	118,2	4.65	83,1	3.27	1,43 x F0		1,72 x F0		15,1	0.92	0,19	0.42	✓
MS200 - 047 - A - ...	MS200 - 047 - B - ...	47	1.85	142	5.59	95	3.74	1,45 x F0		1,75 x F0		19,6	1.20	0,20	0.44	✓
MS200 - 060 - A - ...	MS200 - 060 - B - ...	60,5	2.38	172	6.77	111,5	4.39	1,46 x F0		1,78 x F0		24,7	1.51	0,23	0.51	✓
MS200 - 077 - A - ...	MS200 - 077 - B - ...	77	3.03	205	8.07	128	5.04	1,47 x F0		1,80 x F0		30,8	1.88	0,26	0.57	✓
MS200 - 097 - A - ...	MS200 - 097 - B - ...	97	3.82	245	9.65	148	5.83	1,48 x F0		1,81 x F0		38,3	2.34	0,30	0.66	✓
MS200 - 122 - A - ...	MS200 - 122 - B - ...	122	4.80	295	11.61	173	6.81	1,49 x F0		1,82 x F0		47,7	2.91	0,34	0.75	✓