

Minima altezza, massima forza, collegabili G1/8 - Minimum height, maximum force, hose cylinders with G1/8 charging port - Minimale Höhe, maximale Kraft, Gdf. mit G1/8 Öffnung verbindbar - Hauteur minimale, force maximale, cylindres raccordés avec trou G1/8 gaz - Mínima altura, máxima fuerza, cilindros conectados con agujero G1/8 gas - Altura mínima, força máxima, cilindros conectados com furo G1/8 gás

SEALING	ROD SEAL
DESIGN	BUSH - BODY DESIGN

1	Body	5	Rod seal	9	Rod wiper
2	Plug	6	Retaining ring	10	Bush
3	Valve	7	Back-up ring	11	Rod (nitrited superfinished)
4	Dual ring seal	8	Guide ring		

RANGE CHART

Model	Body Ø		Stroke Cu		Initial force F0						
	mm	inch	mm	inch	daN	lb	OSAS	USAS	OPAS	SKUDO	SW
■ RG 750	45	1.77	10 - 125	0.39 - 4.92	740	1664	✓	✓	✓	-	✓
■ RG 1000	50	1.97	10 - 125	0.39 - 4.92	920	2068	✓	✓	✓	-	✓
■ RG 1500	63	2.48	10 - 125	0.39 - 4.92	1530	3440	✓	✓	✓	-	✓
■ RG 2400	75	2.95	10 - 125	0.39 - 4.92	2385	5362	✓	✓	✓	-	✓
■ RG 4200	95	3.74	16 - 125	0.63 - 4.92	4240	9532	✓	✓	✓	-	✓
■ RG 6600	120	4.72	16 - 125	0.63 - 4.92	6630	14905	✓	✓	✓	-	✓

✓ Built-in as standard
✓ Optional upon request

HOW TO ORDER

Series _____ Revision code _____

Model **RG 2400-050-B-E-W**

Stroke _____ Version _____

Available versions

RG 2400-050-B Standard code	RG 2400-050-B-W Add "-W" to standard code	RG 2400-050-B-N Add "-N" to standard code	RG 2400-050-B-N-W Add "-N-W" to standard code	RG 2400-050-B-E Add "-E" to standard code	RG 2400-050-B-E-W Add "-E-W" to standard code
Self contained	Self contained + Secondary wiper	Linkable	Linkable + Secondary wiper	Easy Manifold	Easy Manifold + Secondary wiper



OSAS + OSM = **OVER STROKE ACTIVE SAFETY** + **OVER STROKE MARKER**

ACTIVE SAFETY



OSAS



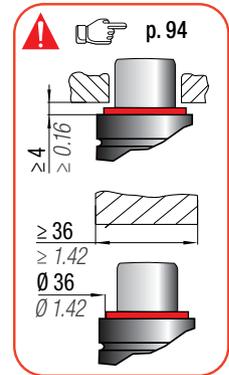
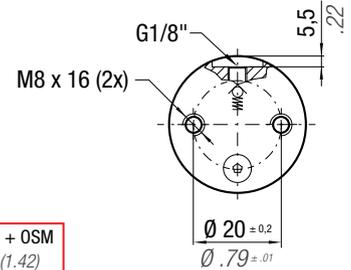
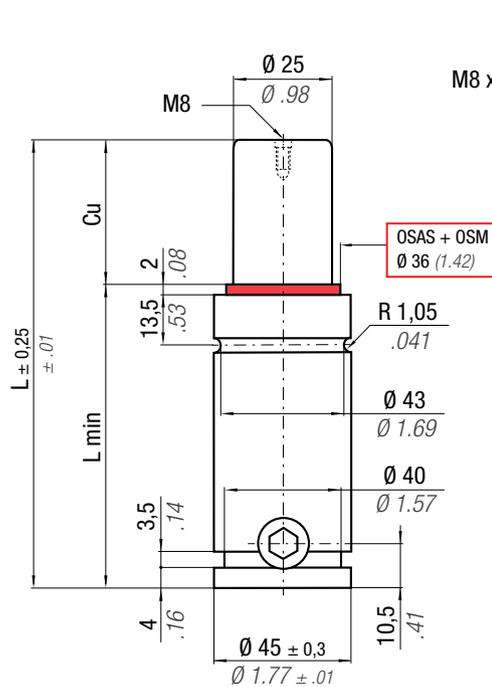
USAS



OPAS

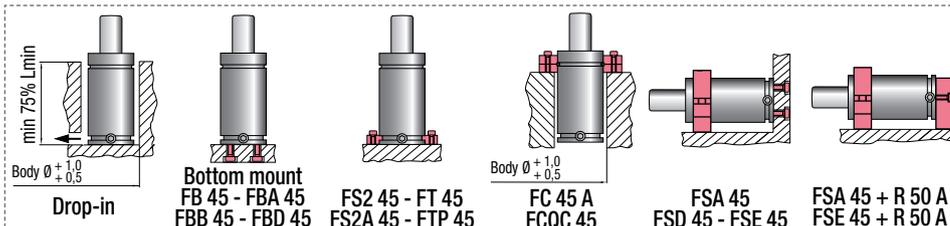
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* F_{1i} = Isothermal end force at 100% Cu p. 16 ** F_{1p} = Polytrophic end force at 100% Cu



N ₂		0 - 80 °C 32 - 176 °F	ΔP ± 0,33 %/°C	P max 150 bar 2175 psi	P min 20 bar 290 psi	S 4,91 cm ² 0,761 in ²	SPM ~ 20 - 100 (at 20°C)	Max Speed 1,8 m/s 70,8 in/s	Maintenance kit 39BMRV00750C			
CODE PHASING OUT from 04/2021	NEW	Cu	L	L min	F ₀	F _{1i} *	F _{1p} **	V ₀				
mm	inch	mm	inch	mm	inch	daN	lb	cm ³	in ³	~Kg	~lb	2014/68/EU
RG 750 - 010 - A	◆ RG 750 - 010 - B	10	0.39	67	2.64	740	1664	20,2	1.23	0,50	1.10	✓
RG 750 - 013 - A	◆ RG 750 - 013 - B	13	0.51	73	2.87	± 5% 150 bar 2175psi + 20 °C +68 °F	1065	23,9	1.46	0,52	1.15	✓
RG 750 - 016 - A	RG 750 - 016 - B	16	0.63	79	3.11		1095	27,7	1.69	0,54	1.19	✓
RG 750 - 019 - A	RG 750 - 019 - B	19	0.75	85	3.35		1118	31,5	1.92	0,56	1.23	✓
RG 750 - 025 - A	RG 750 - 025 - B	25	0.98	97	3.82		1153	39,1	2.39	0,60	1.32	✓
RG 750 - 032 - A	RG 750 - 032 - B	32	1.26	111	4.37		1182	47,9	2.92	0,64	1.41	✓
RG 750 - 038 - A	RG 750 - 038 - B	38	1.50	123	4.84		1199	55,5	3.39	0,68	1.50	✓
RG 750 - 050 - A	RG 750 - 050 - B	50	1.97	147	5.79		1224	70,6	4.31	0,76	1.68	✓
RG 750 - 063 - A	RG 750 - 063 - B	63	2.48	173	6.81		1242	87,0	5.31	0,84	1.85	✓
RG 750 - 075 - A	RG 750 - 075 - B	75	2.95	197	7.76		1253	102,1	6.23	0,92	2.03	✓
RG 750 - 080 - A	RG 750 - 080 - B	80	3.15	207	8.15		1257	108,4	6.61	0,95	2.09	✓
RG 750 - 100 - A	RG 750 - 100 - B	100	3.94	247	9.72		1269	133,7	8.16	1,08	2.38	✓
RG 750 - 125 - A	RG 750 - 125 - B	125	4.92	297	11.69		1280	165,2	10.08	1,24	2.73	✓

◆ Disposable



HOW TO ORDER

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INSTALLATION GUIDELINE

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OSAS + OSM = **OVER STROKE ACTIVE SAFETY** + **OVER STROKE MARKER**

ACTIVE SAFETY



OSAS



USAS



OPAS

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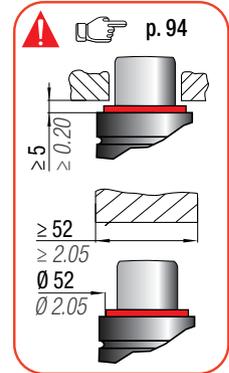
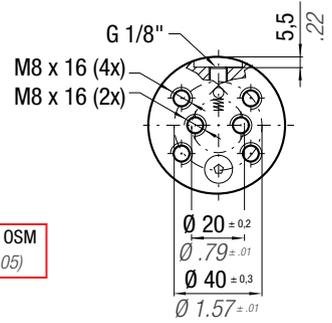
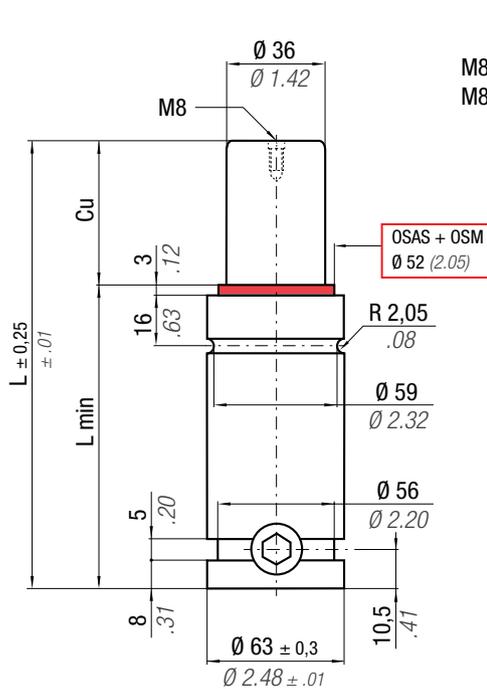
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* $F_{1i} =$

Isothermal end force at 100% Cu p. 16

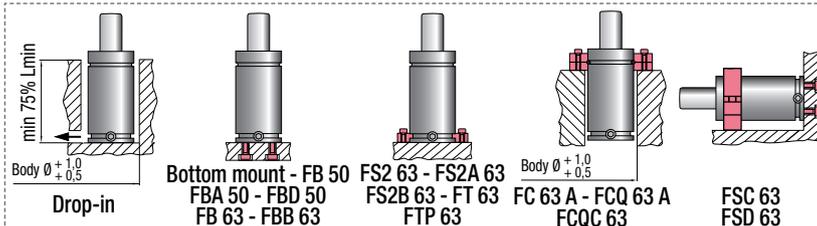
** $F_{1p} =$

Polytropic end force at 100% Cu



N ₂		0 - 80 °C 32 - 176 °F	ΔP ± 0,33 %/°C	P max 150 bar 2175 psi	P min 20 bar 290 psi	S 10,18 cm ² 1,578 in ²	SPM ~ 20 - 100 (at 20°C)	Max Speed 1,8 m/s 70.8 in/s	Maintenance kit 39BMRV01500C
CODE PHASING OUT from 04/2021	NEW	Cu	L	L min	F ₀ Initial force	F _{1i} * End force *	F _{1p} ** End force **	V ₀	PED 2014/68/EU
		mm / inch	mm / inch	mm / inch	daN / lb	daN / lb	daN / lb	cm ³ / in ³	~Kg / ~lb
RG 1500 - 010 - A	◆ RG 1500 - 010 - B	10 / 0.39	72 / 2.83	62 / 2.44	1530 / 3440 ± 5%	2078 / 4671	2406 / 5409	45 / 2.72	1,04 / 2.29
RG 1500 - 013 - A	◆ RG 1500 - 013 - B	13 / 0.51	78 / 3.07	65 / 2.56		2157 / 4848	2528 / 5683	53 / 3.20	1,08 / 2.38
RG 1500 - 016 - A	◆ RG 1500 - 016 - B	16 / 0.63	84 / 3.31	68 / 2.68		2218 / 4987	2624 / 5900	61 / 3.69	1,11 / 2.45
RG 1500 - 019 - A	RG 1500 - 019 - B	19 / 0.75	90 / 3.54	71 / 2.80		2268 / 5099	2703 / 6076	68 / 4.17	1,15 / 2.54
RG 1500 - 025 - A	RG 1500 - 025 - B	25 / 0.98	102 / 4.02	77 / 3.03		2343 / 5267	2822 / 6344	84 / 5.14	1,22 / 2.69
RG 1500 - 032 - A	RG 1500 - 032 - B	32 / 1.26	116 / 4.57	84 / 3.31		2405 / 5406	2921 / 6566	103 / 6.27	1,30 / 2.87
RG 1500 - 038 - A	RG 1500 - 038 - B	38 / 1.50	128 / 5.04	90 / 3.54		2444 / 5493	2984 / 6708	119 / 7.23	1,37 / 3.02
RG 1500 - 050 - A	RG 1500 - 050 - B	50 / 1.97	152 / 5.98	102 / 4.02		2499 / 5617	3073 / 6909	150 / 9.17	1,51 / 3.33
RG 1500 - 063 - A	RG 1500 - 063 - B	63 / 2.48	178 / 7.01	115 / 4.53		2538 / 5707	3139 / 7056	185 / 11.26	1,67 / 3.68
RG 1500 - 075 - A	RG 1500 - 075 - B	75 / 2.95	202 / 7.95	127 / 5.00		2565 / 5765	3182 / 7152	216 / 13.19	1,81 / 3.99
RG 1500 - 080 - A	RG 1500 - 080 - B	80 / 3.15	212 / 8.35	132 / 5.20	2573 / 5785	3196 / 7185	229 / 13.99	1,87 / 4.12	
RG 1500 - 100 - A	RG 1500 - 100 - B	100 / 3.94	252 / 9.92	152 / 5.98	2601 / 5847	3242 / 7287	282 / 17.21	2,11 / 4.65	
RG 1500 - 125 - A	RG 1500 - 125 - B	125 / 4.92	302 / 11.89	177 / 6.97	2624 / 5899	3280 / 7373	348 / 21.24	2,40 / 5.29	

◆ Disposable

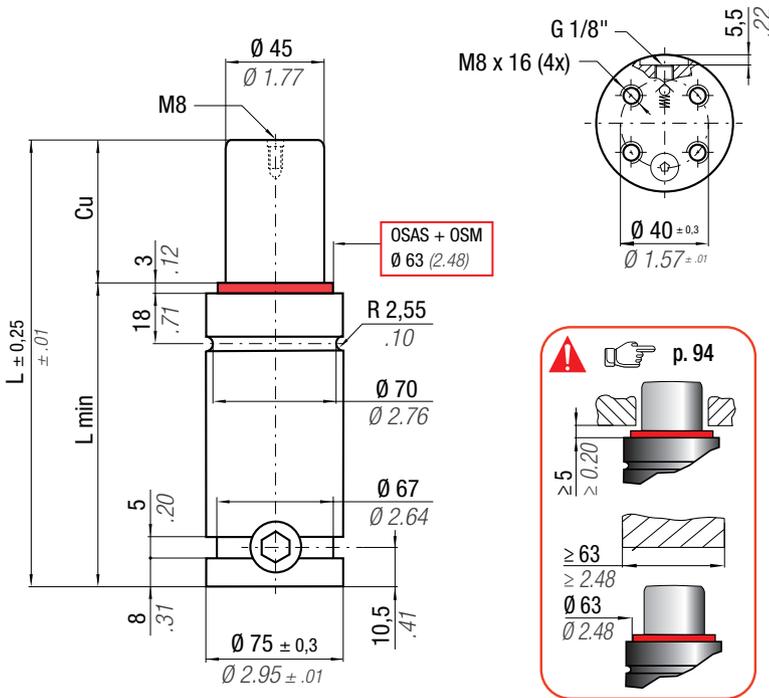


HOW TO ORDER

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ACTIVE SAFETY



OSAS



USAS



OPAS

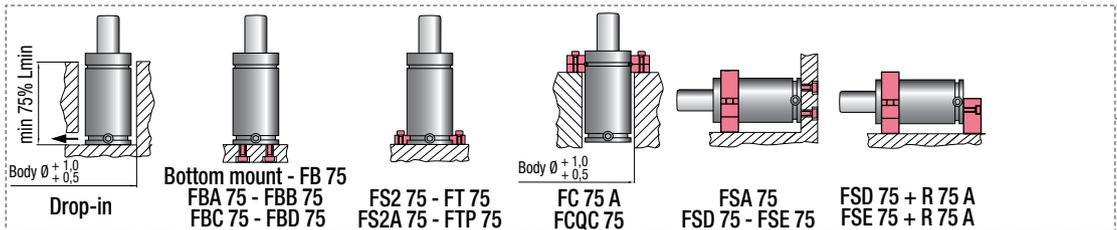
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* F_{1i} = Isothermal end force at 100% Cu p. 16
 ** F_{1p} = Polytrophic end force at 100% Cu

	0 - 80 °C 32 - 176 °F	ΔP ± 0,33 %/°C	P max 150 bar 2175 psi	P min 20 bar 290 psi	S 15,90 cm ² 2.465 in ²	SPM ~ 20 - 100 (at 20°C)	Max Speed 1,8 m/s 70.8 in/s	Maintenance kit 39BMRV02400D
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CODE PHASING OUT from 04/2021	NEW	Cu		L		L min		F0 Initial force		F _{1i} * End force *		F _{1p} ** End force **		V0		PED 2014/68/EU		
		mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	cm ³	in ³	~Kg	~lb	✓
RG 2400 - 010 - A	◆ RG 2400 - 010 - B	10	0.39	79	3.11	69	2.72	2385 ± 5% 5362	150 bar 2175 psi	3148	7078	3609	8113	77	4.67	1,65	3.64	✓
RG 2400 - 013 - A	◆ RG 2400 - 013 - B	13	0.51	85	3.35	72	2.83			3274	7361	3802	8547	89	5.40	1,70	3.75	✓
RG 2400 - 016 - A	◆ RG 2400 - 016 - B	16	0.63	91	3.58	75	2.95			3376	7590	3960	8903	101	6.13	1,75	3.86	✓
RG 2400 - 019 - A	◆ RG 2400 - 019 - B	19	0.75	97	3.82	78	3.07			3461	7781	4092	9200	113	6.87	1,79	3.95	✓
RG 2400 - 025 - A	RG 2400 - 025 - B	25	0.98	109	4.29	84	3.31			3593	8077	4301	9668	137	8.34	1,89	4.17	✓
RG 2400 - 032 - A	RG 2400 - 032 - B	32	1.26	123	4.84	91	3.58			3705	8329	4479	10070	165	10.04	1,99	4.39	✓
RG 2400 - 038 - A	RG 2400 - 038 - B	38	1.50	135	5.31	97	3.82			3778	8492	4597	10333	189	11.51	2,09	4.61	✓
RG 2400 - 050 - A	RG 2400 - 050 - B	50	1.97	159	6.26	109	4.29			3883	8730	4768	10719	237	14.44	2,28	5.03	✓
RG 2400 - 063 - A	RG 2400 - 063 - B	63	2.48	185	7.28	122	4.80			3961	8905	4896	11006	289	17.62	2,49	5.49	✓
RG 2400 - 075 - A	RG 2400 - 075 - B	75	2.95	209	8.23	134	5.28			4014	9023	4982	11199	337	20.55	2,68	5.91	✓
RG 2400 - 080 - A	RG 2400 - 080 - B	80	3.15	219	8.62	139	5.47	4031	9063	5011	11266	357	21.78	2,75	6.06	✓		
RG 2400 - 100 - A	RG 2400 - 100 - B	100	3.94	259	10.20	159	6.26	4088	9189	5104	11474	437	26.67	3,07	6.77	✓		
RG 2400 - 125 - A	RG 2400 - 125 - B	125	4.92	309	12.17	184	7.24	4134	9293	5180	11646	537	32.79	3,46	7.63	✓		

◆ Disposable



HOW TO ORDER

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INSTALLATION GUIDELINE

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OSAS + OSM = OVER STROKE ACTIVE SAFETY + OVER STROKE MARKER

ACTIVE SAFETY



OSAS



USAS



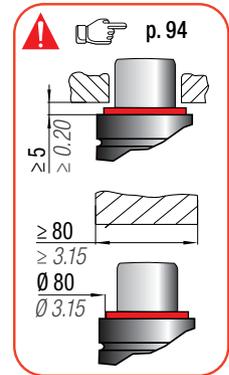
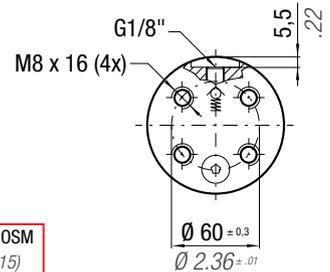
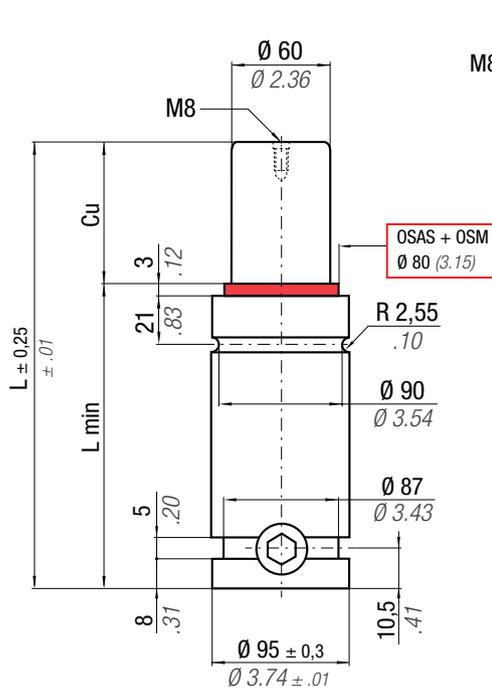
OPAS

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* F_{1i} = Isothermal end force at 100% Cu p. 16

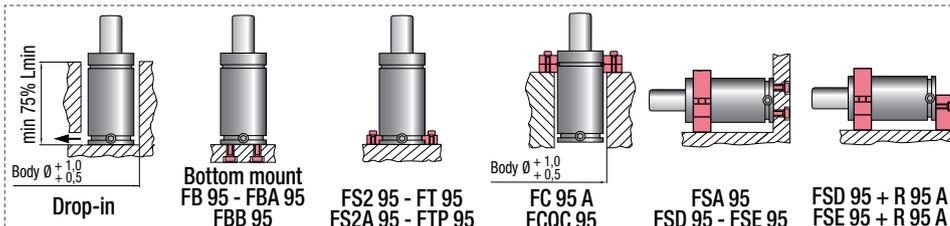
** F_{1p} = Polyphoric end force at 100% Cu



N ₂	0 - 80 °C 32 - 176 °F	ΔP ± 0,33 %/°C	P max 150 bar 2175 psi	P min 20 bar 290 psi	S 28,27 cm ² 4.382 in ²	SPM ~ 20 - 100 (at 20°C)	Max Speed 1,8 m/s 70.8 in/s	Maintenance kit 39BMRV04200C
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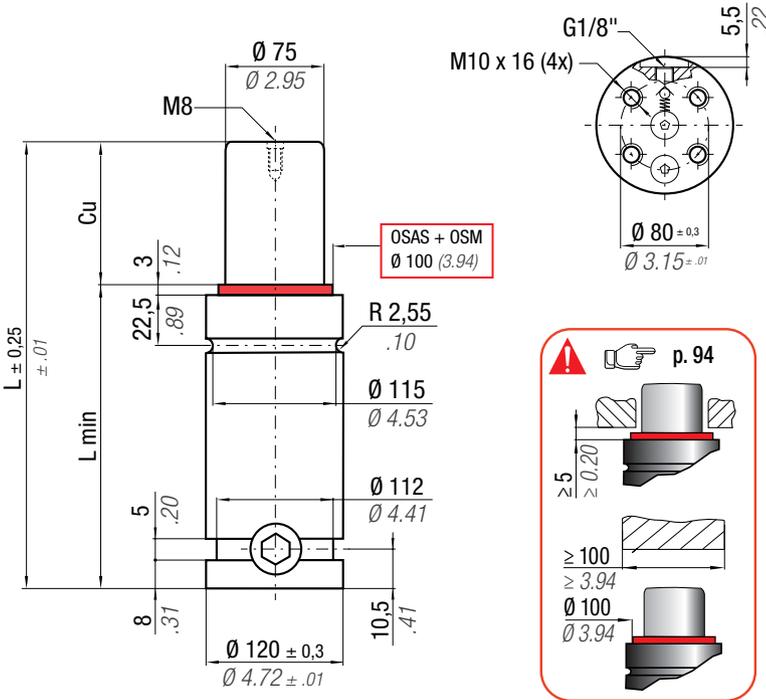
CODE PHASING OUT from 04/2021	NEW	Cu		L		L min		F ₀ Initial force		F _{1i} * End force *		F _{1p} ** End force **		V ₀		PED 2014/68/EU		
		mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	cm ³	in ³		~Kg	~lb
RG 4200 - 016 - A	◆ RG 4200 - 016 - B	16	0.63	94	3.70	78	3.07	4240 ± 5% 150 bar 2175 psi + 20 °C +68 °F	9532	6103	13720	7197	16179	172	10.48	2,98	6.57	✓
RG 4200 - 019 - A	◆ RG 4200 - 019 - B	19	0.75	100	3.94	81	3.19			6269	14093	7458	16767	192	11.71	3,05	6.72	✓
RG 4200 - 025 - A	RG 4200 - 025 - B	25	0.98	112	4.41	87	3.43			6531	14682	7874	17702	232	14.18	3,20	7.05	✓
RG 4200 - 032 - A	RG 4200 - 032 - B	32	1.26	126	4.96	94	3.70			6755	15186	8236	18515	280	17.06	3,38	7.45	✓
RG 4200 - 038 - A	RG 4200 - 038 - B	38	1.50	138	5.43	100	3.94			6902	15517	8475	19052	320	19.52	3,52	7.76	✓
RG 4200 - 050 - A	RG 4200 - 050 - B	50	1.97	162	6.38	112	4.41			7117	16001	8827	19844	401	24.45	3,82	8.42	✓
RG 4200 - 063 - A	RG 4200 - 063 - B	63	2.48	188	7.40	125	4.92			7278	16361	9092	20440	488	29.80	4,15	9.15	✓
RG 4200 - 075 - A	RG 4200 - 075 - B	75	2.95	212	8.35	137	5.39			7386	16604	9272	20843	569	34.73	4,45	9.81	✓
RG 4200 - 080 - A	RG 4200 - 080 - B	80	3.15	222	8.74	142	5.59			7423	16687	9333	20982	603	36.79	4,57	10.08	✓
RG 4200 - 100 - A	RG 4200 - 100 - B	100	3.94	262	10.31	162	6.38			7539	16949	9529	21421	738	45.01	5,07	11.18	✓
RG 4200 - 125 - A	RG 4200 - 125 - B	125	4.92	312	12.28	187	7.36			7639	17173	9696	21798	906	55.29	5,69	12.54	✓

◆ Disposable



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ACTIVE SAFETY



OSAS



USAS



OPAS

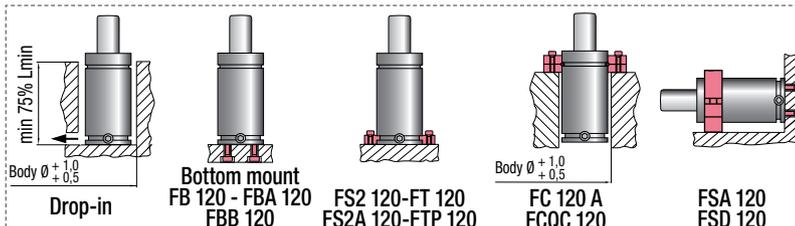
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* F_{1i} = Isothermal end force at 100% Cu p. 16

** F_{1p} = Polytrophic end force at 100% Cu

N ₂		0 - 80 °C 32 - 176 °F	ΔP ± 0,33 %/°C	P max 150 bar 2175 psi	P min 20 bar 290 psi	S 44,18 cm ² 6.848 in ²	SPM ~ 20 - 100 (at 20°C)	Max Speed 1,8 m/s 70.8 in/s	Maintenance kit 39BMRV06600C
CODE	NEW	Cu	L	L min	F ₀	F _{1i} *	F _{1p} **	V ₀	
PHASING OUT from 04/2021		mm inch	mm inch	mm inch	Initial force daN lb	End force * daN lb	End force ** daN lb	cm ³ in ³	~Kg ~lb
RG 6600 - 016 - A	◆ RG 6600 - 016 - B	16 0.63	104 4.09	88 3.46	6630 14904 ± 5%	9056 20359	10500 23606	306 18.69	5,40 11.90
RG 6600 - 019 - A	◆ RG 6600 - 019 - B	19 0.75	110 4.33	91 3.58		9306 20920	10887 24474	338 20.64	5,52 12.17
RG 6600 - 025 - A	RG 6600 - 025 - B	25 0.98	122 4.80	97 3.82		9712 21832	11521 25901	402 24.54	5,76 12.70
RG 6600 - 032 - A	RG 6600 - 032 - B	32 1.26	136 5.35	104 4.09		10073 22644	12093 27187	477 29.08	6,04 13.32
RG 6600 - 038 - A	RG 6600 - 038 - B	38 1.50	148 5.83	110 4.33		10316 23192	12483 28063	541 32.98	6,28 13.85
RG 6600 - 050 - A	RG 6600 - 050 - B	50 1.97	172 6.77	122 4.80		10683 24016	13075 29394	668 40.78	6,76 14.90
RG 6600 - 063 - A	RG 6600 - 063 - B	63 2.48	198 7.80	135 5.31		10964 24648	13534 30427	807 49.23	7,28 16.05
RG 6600 - 075 - A	RG 6600 - 075 - B	75 2.95	222 8.74	147 5.79		11157 25083	13852 31141	935 57.03	7,75 17.09
RG 6600 - 080 - A	RG 6600 - 080 - B	80 3.15	232 9.13	152 5.98		11225 25234	13963 31390	988 60.28	7,95 17.53
RG 6600 - 100 - A	RG 6600 - 100 - B	100 3.94	272 10.71	172 6.77		11439 25715	14318 32188	1201 73.28	8,75 19.29
RG 6600 - 125 - A	RG 6600 - 125 - B	125 4.92	322 12.68	197 7.76	11625 26133	14628 32885	1467 89.53	9,75 21.50	

◆ Disposable



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