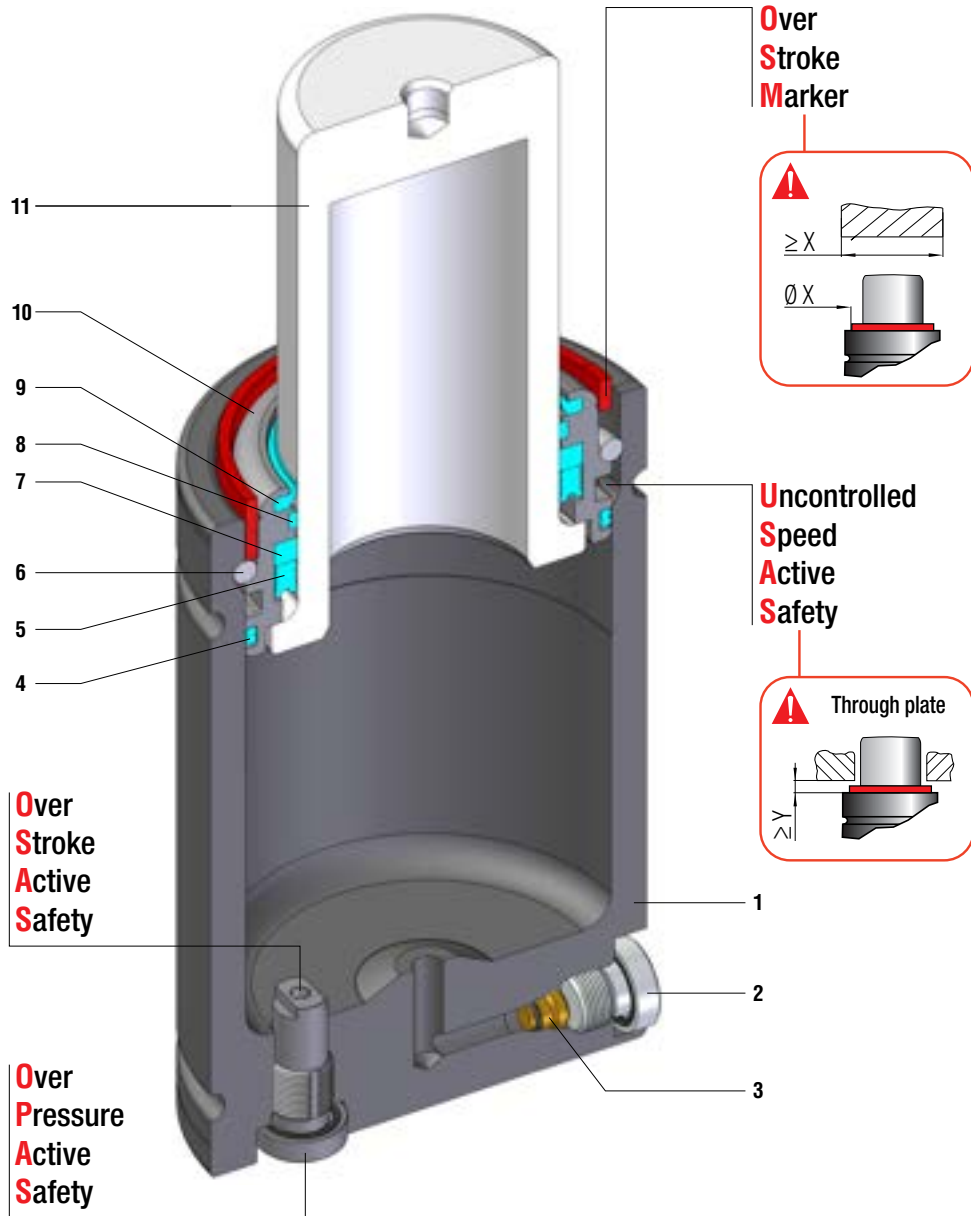


Mazda	Nissan	PSA
Renault	Toyota	



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

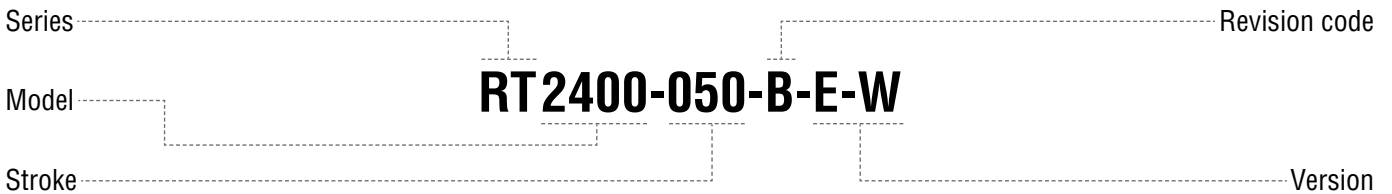
1	Body	5	Rod seal	9	Rod wiper
2	Plug	6	Retaining ring	10	Bush
3	Valve	7	Back-up ring	11	Rod (nitrited superfinished)
4	Dual ring seal	8	Guide ring		

RANGE CHART

Model	Body Ø		Stroke Cu		Initial force F0						
	mm	inch	mm	inch	daN	lb	OSAS	USAS	OPAS	SKUDO	SW
RT 350	32	1.26	10 - 125	0.39 - 4.92	360	809	✓	✓	✓	-	✓
RT 500	38	1.50	10 - 125	0.39 - 4.92	470	1057	✓	✓	✓	-	✓
RT 750	45	1.77	10 - 125	0.39 - 4.92	740	1664	✓	✓	✓	-	✓
RT 1000	50	1.97	10 - 125	0.39 - 4.92	920	2068	✓	✓	✓	-	✓
RT 1200	50	1.97	10 - 125	0.39 - 4.92	1060	2383	✓	✓	✓	-	✓
RT 1500	63	2.48	10 - 125	0.39 - 4.92	1530	3440	✓	✓	✓	-	✓
RT 2400	75	2.95	10 - 125	0.39 - 4.92	2385	5362	✓	✓	✓	-	✓
RT 4200	95	3.74	16 - 125	0.63 - 4.92	4240	9532	✓	✓	✓	-	✓
RT 6600	120	4.72	16 - 125	0.63 - 4.92	6630	14905	✓	✓	✓	-	✓
RT 9500	150	5.91	19 - 125	0.75 - 4.92	9540	21447	✓	✓	✓	-	✓

Built-in as standard
 Optional upon request

HOW TO ORDER



Available versions

RT 2400-050-B Standard code	RT 2400-050-B-W Add "-W" to standard code	RT 2400-050-B-N Add "-N" to standard code	RT 2400-050-B-N-W Add "-N-W" to standard code	RT 2400-050-B-E Add "-E" to standard code	RT 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

Il nuovo codice sarà fornito solo ad esaurimento del vecchio

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

Der neue Kode wird nur angegeben, wenn der alte nicht mehr lieferbar ist

Le nouveau code sera fourni uniquement lorsque le vieux stock sera épuisé

El nuevo código será suministrado sólo cuando se agoten las existencias del antiguo

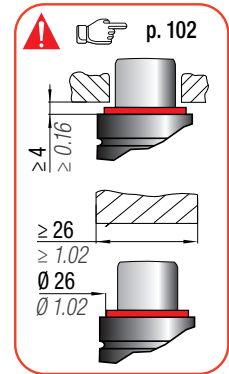
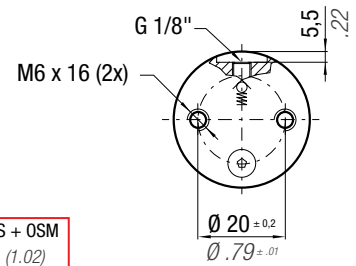
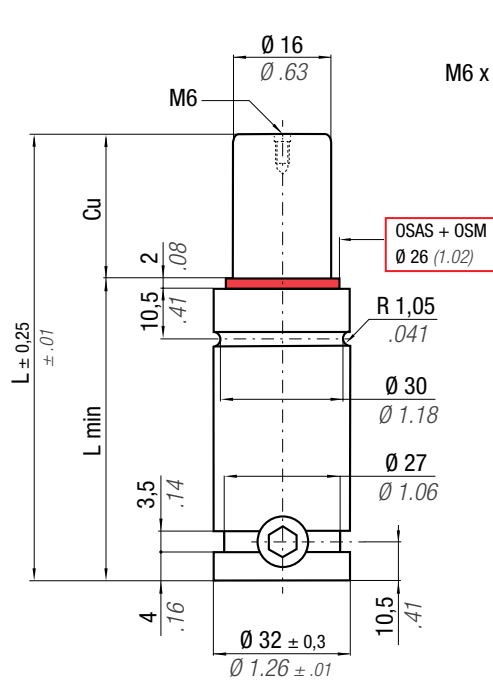
O novo código irá ser fornecido apenas quando o antigo esgotar stock

* F_{1i} =

Isothermal end force at 100% Cu p. 16

** F_{1p} =

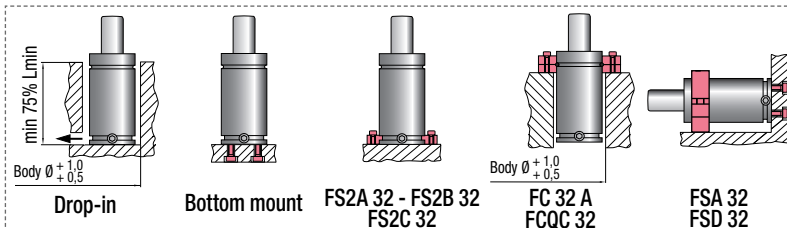
Polytropic end force at 100% Cu



N ₂	0 - 80 °C 32 - 176 °F	ΔP ± 0,33 %/°C	P max 180 bar 2610 psi	P min 20 bar 290 psi	S 2,01 cm ² 0,312 in ²	SPM ~ 20 - 100 (at 20°C)	Max Speed 1,8 m/s 70,8 in/s	Maintenance kit 39BMRV00350C
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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		~Kg	~lb	PED 2014/68/EU
		mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	cm ³	in ³			
RT 350 - 010 - A	♦ RT 350 - 010 - B	10	0.39	60	2.36	50	1.97	360 ± 5%	809	531	1194	607	1366	7,7	0.47	0,22	0.48	✓
RT 350 - 013 - A	♦ RT 350 - 013 - B	13	0.51	66	2.60	53	2.09			544	1224	627	1409	9,5	0.58	0,23	0.50	✓
RT 350 - 016 - A	RT 350 - 016 - B	16	0.63	72	2.83	56	2.20			554	1245	641	1440	11,2	0.68	0,24	0.52	✓
RT 350 - 019 - A	RT 350 - 019 - B	19	0.75	78	3.07	59	2.32			561	1261	651	1463	13,0	0.79	0,25	0.54	✓
RT 350 - 025 - A	RT 350 - 025 - B	25	0.98	90	3.54	65	2.56			571	1283	665	1496	16,6	1.01	0,27	0.60	✓
RT 350 - 032 - A	RT 350 - 032 - B	32	1.26	104	4.09	72	2.83			578	1300	676	1520	20,7	1.26	0,29	0.64	✓
RT 350 - 038 - A	RT 350 - 038 - B	38	1.50	116	4.57	78	3.07			583	1310	683	1535	24,3	1.48	0,31	0.68	✓
RT 350 - 050 - A	RT 350 - 050 - B	50	1.97	140	5.51	90	3.54			589	1323	691	1554	31,4	1.92	0,35	0.77	✓
RT 350 - 063 - A	RT 350 - 063 - B	63	2.48	166	6.54	103	4.06			593	1333	697	1568	39,1	2.39	0,39	0.86	✓
RT 350 - 075 - A	RT 350 - 075 - B	75	2.95	190	7.48	115	4.53			595	1338	701	1576	46,3	2.83	0,43	0.95	✓
RT 350 - 080 - A	RT 350 - 080 - B	80	3.15	200	7.87	120	4.72	596	1340	702	1579	49,2	3.00	0,45	0.99	✓		
RT 350 - 100 - A	RT 350 - 100 - B	100	3.94	240	9.45	140	5.51	599	1346	706	1588	61,1	3.73	0,51	1.12	✓		
RT 350 - 125 - A	RT 350 - 125 - B	125	4.92	290	11.42	165	6.50	606	1363	717	1613	74,9	4.57	0,59	1.30	✓		

♦ Disposable



HOW TO ORDER
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INSTALLATION GUIDELINE
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ACTIVE SAFETY

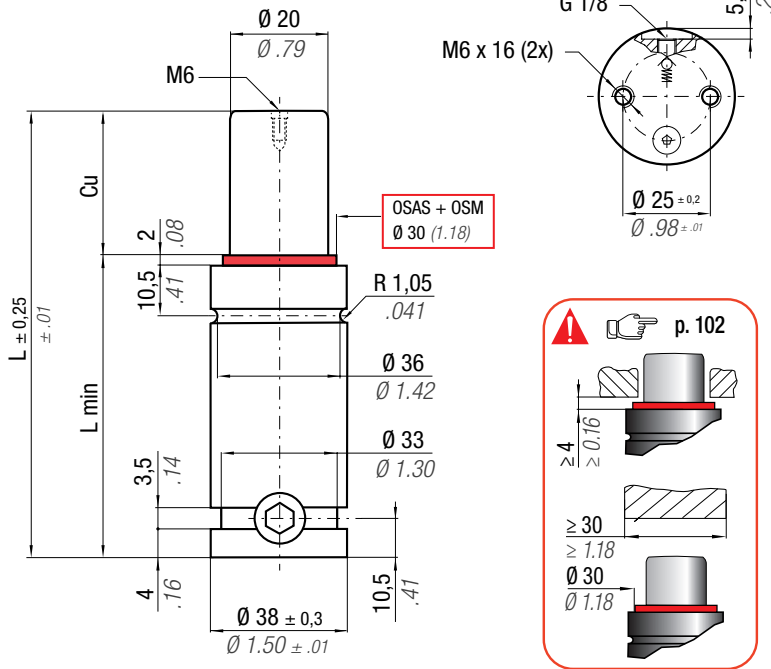

OSAS



USAS



OPAS


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

Il nuovo codice sarà fornito solo ad esaurimento del vecchio

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

Der neue Kode wird nur angegeben, wenn der alte nicht mehr lieferbar ist

Le nouveau code sera fourni uniquement lorsque le vieux stock sera épuisé

El nuevo código será suministrado sólo cuando se agoten las existencias del antiguo

O novo código irá ser fornecido apenas quando o antigo esgotar stock

 * F_{1i} =

Isothermal end force at 100% Cu



p. 16

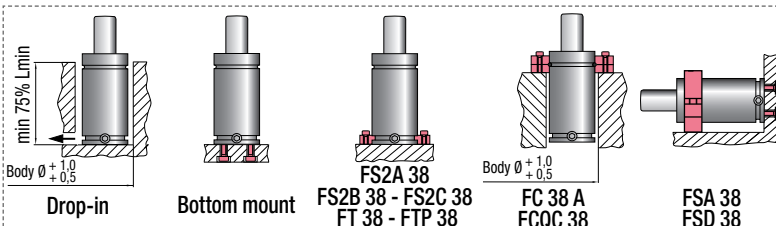
 ** F_{1p} =

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 3,14 cm ² 0.487 in ²	SPM ~ 20 - 100 (at 20°C)	Max Speed 1,8 m/s 70.8 in/s	Maintenance kit 39BMRV00500C		
CODE	NEW	Cu	L	L min	F ₀	F _{1i} *	F _{1p} **	V ₀	PED		
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	2014/68/EU	
RT 500 - 010 - A	♦ RT 500 - 010 - B	10 0.39	60 2.36	50 1.97	470 1057 ± 5%	696 1565	828 1862	11,2 0.68	0,32 0.71	✓	
RT 500 - 013 - A	♦ RT 500 - 013 - B	13 0.51	66 2.60	53 2.09		716 1609	859 1931	13,8 0.84	0,34 0.75	✓	
RT 500 - 016 - A	RT 500 - 016 - B	16 0.63	72 2.83	56 2.20		730 1641	882 1982	16,3 0.99	0,36 0.79	✓	
RT 500 - 019 - A	RT 500 - 019 - B	19 0.75	78 3.07	59 2.32		740 1664	899 2020	18,9 1.15	0,37 0.82	✓	
RT 500 - 025 - A	RT 500 - 025 - B	25 0.98	90 3.54	65 2.56		755 1698	922 2074	24,0 1.46	0,40 0.88	✓	
RT 500 - 032 - A	RT 500 - 032 - B	32 1.26	104 4.09	72 2.83		766 1723	941 2115	30,0 1.83	0,43 0.95	✓	
RT 500 - 038 - A	RT 500 - 038 - B	38 1.50	116 4.57	78 3.07		150 bar 2175psi	773 1738	952 2140	35,1 2.14	0,46 1.01	✓
RT 500 - 050 - A	RT 500 - 050 - B	50 1.97	140 5.51	90 3.54		782 1759	967 2173	45,3 2.76	0,52 1.15	✓	
RT 500 - 063 - A	RT 500 - 063 - B	63 2.48	166 6.54	103 4.06		+ 20 °C +68 °F	789 1773	977 2196	56,4 3.44	0,58 1.28	✓
RT 500 - 075 - A	RT 500 - 075 - B	75 2.95	190 7.48	115 4.53			792 1782	984 2211	66,6 4.06	0,63 1.39	✓
RT 500 - 080 - A	RT 500 - 080 - B	80 3.15	200 7.87	120 4.72	794 1785		986 2216	70,8 4.32	0,66 1.46	✓	
RT 500 - 100 - A	RT 500 - 100 - B	100 3.94	240 9.45	140 5.51	798 1794		992 2231	87,9 5.36	0,75 1.65	✓	
RT 500 - 125 - A	RT 500 - 125 - B	125 4.92	290 11.42	165 6.50	801 1801		998 2243	109,2 6.66	0,87 1.92	✓	

♦ Disposable


HOW TO ORDER

p. 103

INSTALLATION GUIDELINE

p. 205



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

ACTIVE SAFETY

Il nuovo codice sarà fornito solo ad esaurimento del vecchio

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

Der neue Kode wird nur angegeben, wenn der alte nicht mehr lieferbar ist

Le nouveau code sera fourni uniquement lorsque le vieux stock sera épuisé

El nuevo código será suministrado sólo cuando se agoten las existencias del antiguo

O novo código irá ser fornecido apenas quando o antigo esgotar stock



OSAS



USAS



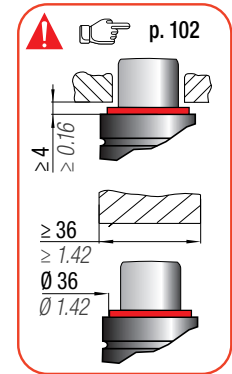
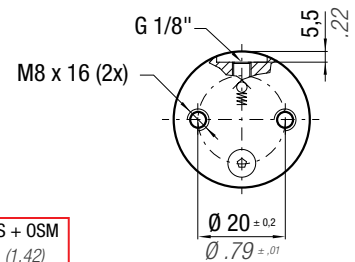
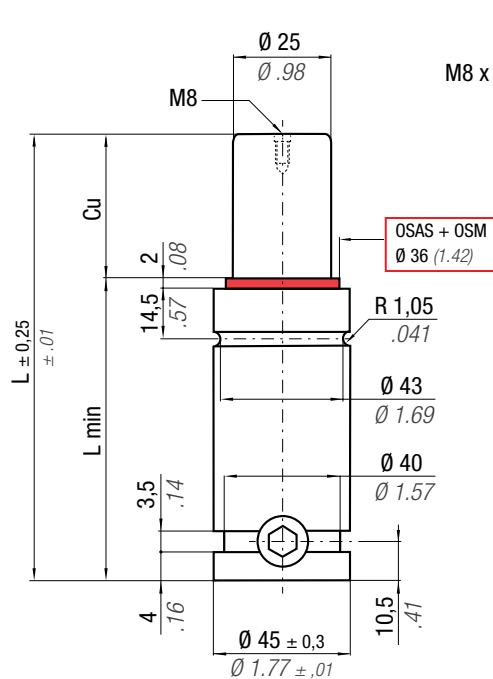
OPAS

* $F_{1i} =$

Isothermal end force at 100% Cu p. 16

** $F_{1p} =$

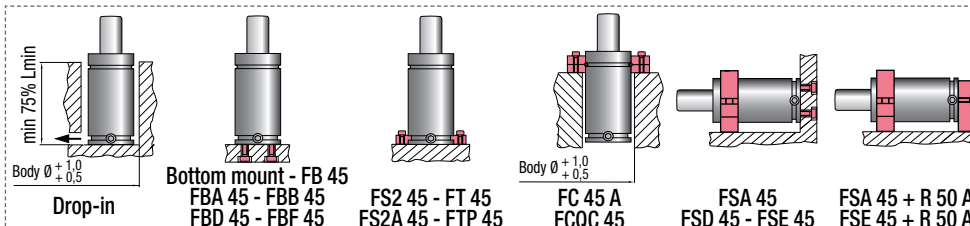
Polytropic end force at 100% Cu



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 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
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CODE PHASING OUT from 04/2021	NEW	Cu		L		L min		F ₀		F _{1i} *		F _{1p} **		V ₀		~Kg	~lb	PED 2014/68/EU
		mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	cm ³	in ³			
RT 750 - 010 - A	♦ RT 750 - 010 - B	10	0.39	67	2.64	57	2.24	740 ± 5%	1664	1026	2307	1198	2693	20,2	1.23	0,50	1.10	✓
RT 750 - 013 - A	♦ RT 750 - 013 - B	13	0.51	73	2.87	60	2.36			1065	2394	1258	2828	23,9	1.46	0,52	1.15	✓
RT 750 - 016 - A	RT 750 - 016 - B	16	0.63	79	3.11	63	2.48			1095	2461	1305	2933	27,7	1.69	0,54	1.19	✓
RT 750 - 019 - A	RT 750 - 019 - B	19	0.75	85	3.35	66	2.60			1118	2514	1342	3017	31,5	1.92	0,56	1.23	✓
RT 750 - 025 - A	RT 750 - 025 - B	25	0.98	97	3.82	72	2.83			1153	2593	1398	3143	39,1	2.39	0,60	1.32	✓
RT 750 - 032 - A	RT 750 - 032 - B	32	1.26	111	4.37	79	3.11			1182	2656	1444	3246	47,9	2.92	0,64	1.41	✓
RT 750 - 038 - A	RT 750 - 038 - B	38	1.50	123	4.84	85	3.35			1199	2696	1473	3311	55,5	3.39	0,68	1.50	✓
RT 750 - 050 - A	RT 750 - 050 - B	50	1.97	147	5.79	97	3.82			1224	2752	1514	3403	70,6	4.31	0,76	1.68	✓
RT 750 - 063 - A	RT 750 - 063 - B	63	2.48	173	6.81	110	4.33			1242	2792	1543	3468	87,0	5.31	0,84	1.85	✓
RT 750 - 075 - A	RT 750 - 075 - B	75	2.95	197	7.76	122	4.80			1253	2818	1562	3511	102,1	6.23	0,92	2.03	✓
RT 750 - 080 - A	RT 750 - 080 - B	80	3.15	207	8.15	127	5.00	1257	2827	1568	3526	108,4	6.61	0,95	2.09	✓		
RT 750 - 100 - A	RT 750 - 100 - B	100	3.94	247	9.72	147	5.79	1269	2854	1588	3571	133,7	8.16	1,08	2.38	✓		
RT 750 - 125 - A	RT 750 - 125 - B	125	4.92	297	11.69	172	6.77	1280	2877	1605	3609	165,2	10.08	1,24	2.73	✓		

♦ Disposable

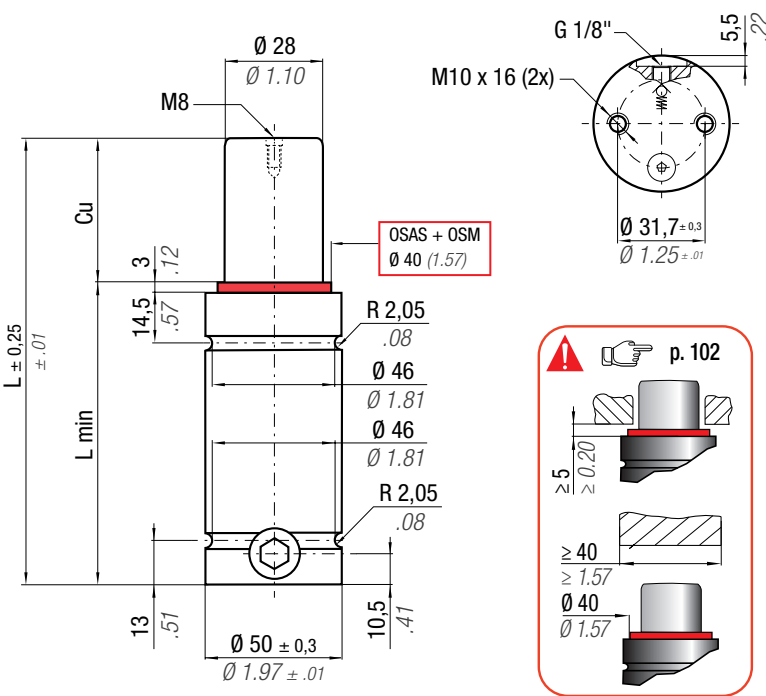


HOW TO ORDER

p. 101

INSTALLATION GUIDELINE

p. 205



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



Il nuovo codice sarà fornito solo ad esaurimento del vecchio
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ACTIVE SAFETY



OSAS



USAS



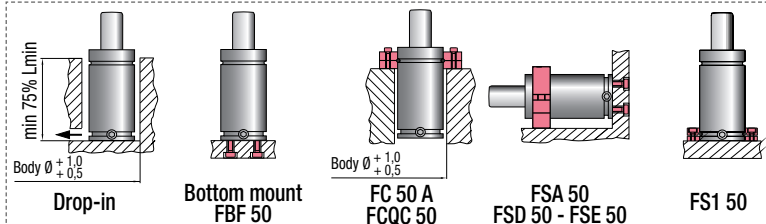
OPAS

* 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 6,15 cm ² 0.953 in ²	SPM ~ 20 - 100 (at 20°C)	Max Speed 1,8 m/s 70.8 in/s	Maintenance kit 39BMRV01000C
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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	✓
RT 1000 - 010 - A	♦ RT 1000 - 010 - B	10	0.39	72	2.83	62	2.44	920 ± 5%	2068	1282	2883	1495	3329	25,5	1,56	0,68	1,50	✓
RT 1000 - 013 - A	♦ RT 1000 - 013 - B	13	0.51	78	3.07	65	2.56			1332	2995	1572	3500	30,2	1,84	0,70	1,54	✓
RT 1000 - 016 - A	RT 1000 - 016 - B	16	0.63	84	3.31	68	2.68			1371	3082	1633	3635	34,9	2,13	0,73	1,61	✓
RT 1000 - 019 - A	RT 1000 - 019 - B	19	0.75	90	3.54	71	2.80			1402	3151	1682	3745	39,6	2,42	0,75	1,65	✓
RT 1000 - 025 - A	RT 1000 - 025 - B	25	0.98	102	4.02	77	3.03			1448	3255	1756	3909	48,9	2,98	0,80	1,76	✓
RT 1000 - 032 - A	RT 1000 - 032 - B	32	1.26	116	4.57	84	3.31			1486	3340	1817	4047	59,8	3,65	0,86	1,90	✓
RT 1000 - 038 - A	RT 1000 - 038 - B	38	1.50	128	5.04	90	3.54			1510	3394	1856	4132	69,2	4,22	0,90	1,98	✓
RT 1000 - 050 - A	RT 1000 - 050 - B	50	1.97	152	5.98	102	4.02			1543	3469	1911	4256	87,9	5,36	1,00	2,20	✓
RT 1000 - 063 - A	RT 1000 - 063 - B	63	2.48	178	7.01	115	4.53			1567	3523	1951	4346	108,1	6,60	1,10	2,43	✓
RT 1000 - 075 - A	RT 1000 - 075 - B	75	2.95	202	7.95	127	5.00			1583	3559	1977	4404	126,8	7,74	1,20	2,65	✓
RT 1000 - 080 - A	RT 1000 - 080 - B	80	3.15	212	8.35	132	5.20	1588	3571	1986	4424	134,6	8,21	1,24	2,73	✓		
RT 1000 - 100 - A	RT 1000 - 100 - B	100	3.94	252	9.92	152	5.98	1605	3608	2013	4485	165,8	10,12	1,40	3,09	✓		
RT 1000 - 125 - A	RT 1000 - 125 - B	125	4.92	302	11.89	177	6.97	1619	3639	2036	4537	204,7	12,49	1,60	3,53	✓		

♦ Disposable



HOW TO ORDER
 p. 101
INSTALLATION GUIDELINE
 p. 205



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

ACTIVE SAFETY



OSAS



USAS



OPAS

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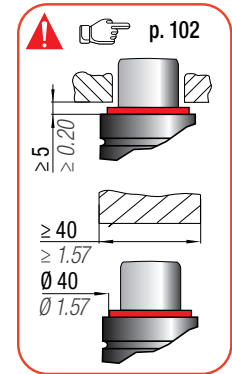
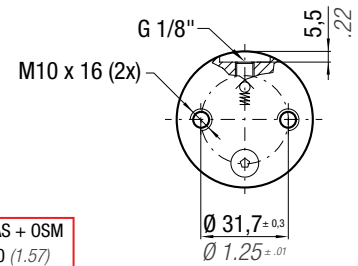
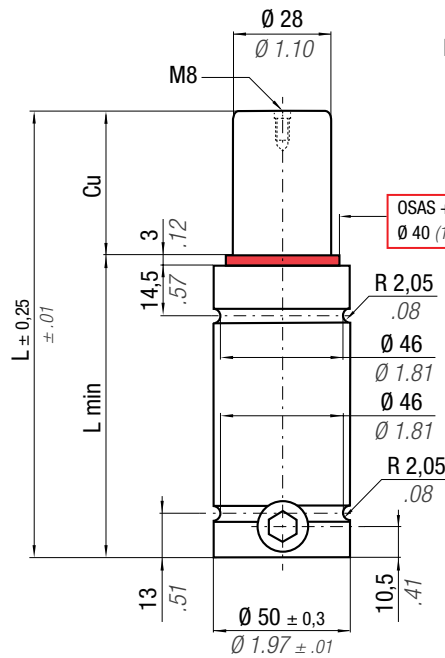
O novo código irá ser fornecido apenas quando o antigo esgotar stock

* $F_{1i} =$

Isothermal end force at 100% Cu p. 16

** $F_{1p} =$

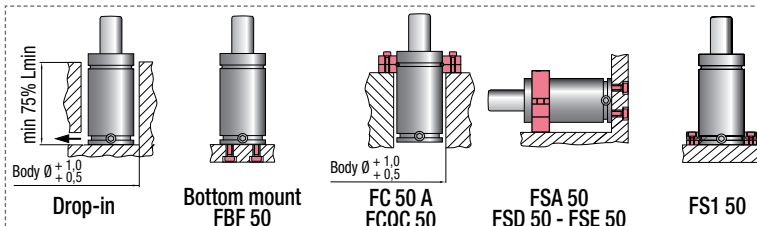
Polytropic end force at 100% Cu



N₂	0 - 80 °C 32 - 176 °F	ΔP ± 0,33 %/°C	P max 170 bar 2465 psi	P min 20 bar 290 psi	S 6,15 cm ² 0,953 in ²	SPM ~ 20 - 100 (at 20°C)	Max Speed 1,8 m/s 70,8 in/s	Maintenance kit 39BMRV01000C
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CODE PHASING OUT from 04/2021	NEW	Cu		L		L min		F ₀		F _{1i} *		F _{1p} **		V ₀		~Kg	~lb	PED 2014/68/EU
		mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	cm ³	in ³			
RT 1200 - 010 - A	♦ RT 1200 - 010 - B	10	0.39	72	2.83	62	2.44	1046 ± 5%	2352	1473	3311	1685	3754	25,5	1,56	0,68	1,50	✓
RT 1200 - 013 - A	♦ RT 1200 - 013 - B	13	0.51	78	3.07	65	2.56			1532	3444	1772	3946	30,2	1,84	0,70	1,54	✓
RT 1200 - 016 - A	RT 1200 - 016 - B	16	0.63	84	3.31	68	2.68			1578	3548	1841	4098	34,9	2,13	0,73	1,61	✓
RT 1200 - 019 - A	RT 1200 - 019 - B	19	0.75	90	3.54	71	2.80			1615	3632	1896	4221	39,6	2,42	0,75	1,65	✓
RT 1200 - 025 - A	RT 1200 - 025 - B	25	0.98	102	4.02	77	3.03			1671	3757	1980	4408	48,9	2,98	0,80	1,76	✓
RT 1200 - 032 - A	RT 1200 - 032 - B	32	1.26	116	4.57	84	3.31			1717	3859	2049	4562	59,8	3,65	0,86	1,90	✓
RT 1200 - 038 - A	RT 1200 - 038 - B	38	1.50	128	5.04	90	3.54			1745	3923	2093	4660	69,2	4,22	0,90	1,98	✓
RT 1200 - 050 - A	RT 1200 - 050 - B	50	1.97	152	5.98	102	4.02			1786	4014	2155	4798	87,9	5,36	1,00	2,20	✓
RT 1200 - 063 - A	RT 1200 - 063 - B	63	2.48	178	7.01	115	4.53			1814	4079	2199	4899	108,1	6,60	1,10	2,43	✓
RT 1200 - 075 - A	RT 1200 - 075 - B	75	2.95	202	7.95	127	5.00			1833	4122	2229	4965	126,8	7,74	1,20	2,65	✓
RT 1200 - 080 - A	RT 1200 - 080 - B	80	3.15	212	8.35	132	5.20	1840	4136	2239	4987	134,6	8,21	1,24	2,73	✓		
RT 1200 - 100 - A	RT 1200 - 100 - B	100	3.94	252	9.92	152	5.98	1860	4181	2270	5057	165,8	10,12	1,40	3,09	✓		
RT 1200 - 125 - A	RT 1200 - 125 - B	125	4.92	302	11.89	177	6.97	1877	4219	2296	5115	204,7	12,49	1,60	3,53	✓		

♦ Disposable



HOW TO ORDER
 p. 103

INSTALLATION GUIDELINE
 p. 205



ACTIVE SAFETY



OSAS



USAS



OPAS

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

Il nuovo codice sarà fornito solo ad esaurimento del vecchio

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

Der neue Kode wird nur angegeben, wenn der alte nicht mehr lieferbar ist

Le nouveau code sera fourni uniquement lorsque le vieux stock sera écoulé

El nuevo código será suministrado sólo cuando se agoten las existencias del antiguo

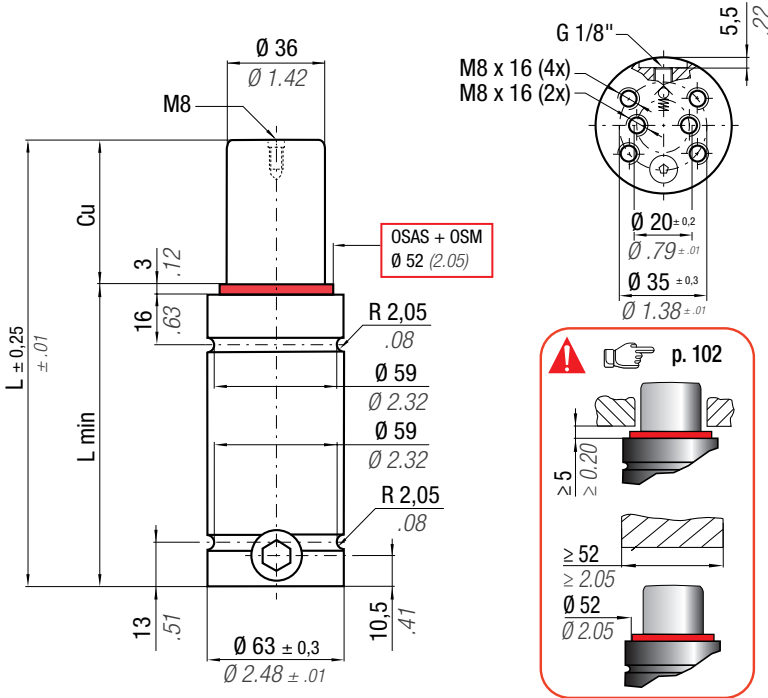
O novo código irá ser fornecido apenas quando o antigo esgotar stock

* F_{1i} =

Isothermal end force at 100% Cu

** F_{1p} =

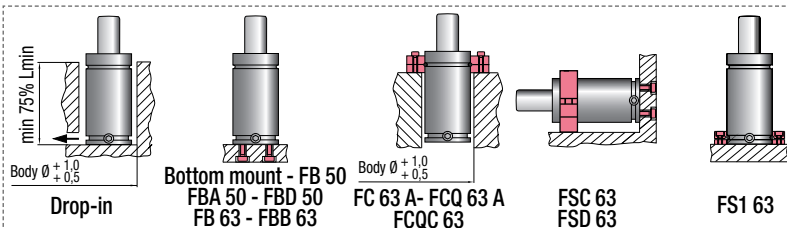
Polytropic end force at 100% Cu



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
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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		~Kg ~lb		PED 2014/68/EU
		mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	cm ³	in ³			
RT 1500 - 010 - A	♦ RT 1500 - 010 - B	10	0.39	72	2.83	62	2.44	1530 ± 5%	3440	2078	4671	2406	5409	45	2.72	1,05	2,31	✓
RT 1500 - 013 - A	♦ RT 1500 - 013 - B	13	0.51	78	3.07	65	2.56			2157	4848	2528	5683	53	3.20	1,09	2,40	✓
RT 1500 - 016 - A	♦ RT 1500 - 016 - B	16	0.63	84	3.31	68	2.68			2218	4987	2624	5900	61	3.69	1,13	2,49	✓
RT 1500 - 019 - A	RT 1500 - 019 - B	19	0.75	90	3.54	71	2.80			2267	5097	2701	6073	68	4.17	1,16	2,56	✓
RT 1500 - 025 - A	RT 1500 - 025 - B	25	0.98	102	4.02	77	3.03			2343	5267	2822	6344	84	5.14	1,23	2,71	✓
RT 1500 - 032 - A	RT 1500 - 032 - B	32	1.26	116	4.57	84	3.31			2405	5406	2921	6566	103	6.27	1,31	2,89	✓
RT 1500 - 038 - A	RT 1500 - 038 - B	38	1.50	128	5.04	90	3.54			2444	5493	2984	6708	119	7.23	1,38	3,04	✓
RT 1500 - 050 - A	RT 1500 - 050 - B	50	1.97	152	5.98	102	4.02			2499	5617	3073	6909	150	9.17	1,53	3,37	✓
RT 1500 - 063 - A	RT 1500 - 063 - B	63	2.48	178	7.01	115	4.53			2538	5707	3139	7056	185	11.26	1,69	3,73	✓
RT 1500 - 075 - A	RT 1500 - 075 - B	75	2.95	202	7.95	127	5.00			2565	5765	3182	7152	216	13.19	1,83	4,03	✓
RT 1500 - 080 - A	RT 1500 - 080 - B	80	3.15	212	8.35	132	5.20	2573	5785	3196	7185	229	13.99	1,89	4,17	✓		
RT 1500 - 100 - A	RT 1500 - 100 - B	100	3.94	252	9.92	152	5.98	2601	5847	3242	7287	282	17.21	2,12	4,67	✓		
RT 1500 - 125 - A	RT 1500 - 125 - B	125	4.92	302	11.89	177	6.97	2624	5899	3280	7373	348	21.24	2,41	5,31	✓		

♦ 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

Il nuovo codice sarà fornito solo ad esaurimento del vecchio

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

Der neue Kode wird nur angegeben, wenn der alte nicht mehr lieferbar ist

Le nouveau code sera fourni uniquement lorsque le vieux stock sera écoulé

El nuevo código será suministrado sólo cuando se agoten las existencias del antiguo

O novo código irá ser fornecido apenas quando o antigo esgotar stock



OSAS



USAS

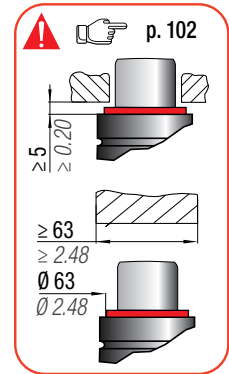
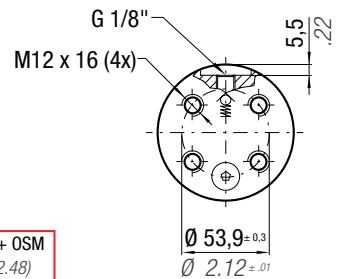
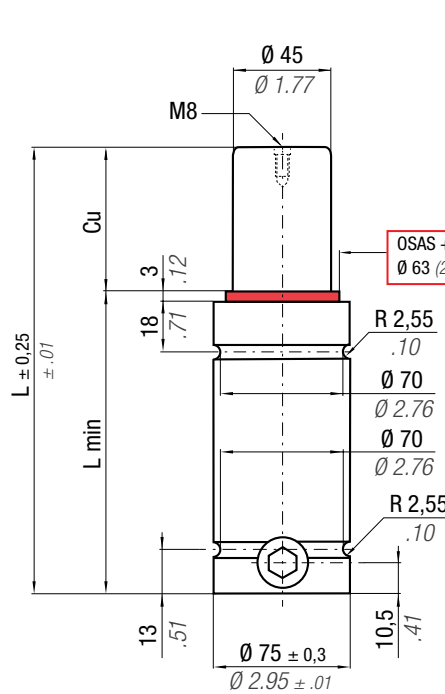


OPAS

easu MANIPOL p. 247

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

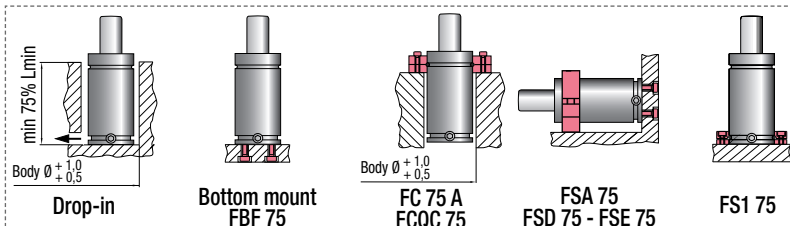
** F_{1p} = Polytropic end force at 100% Cu



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 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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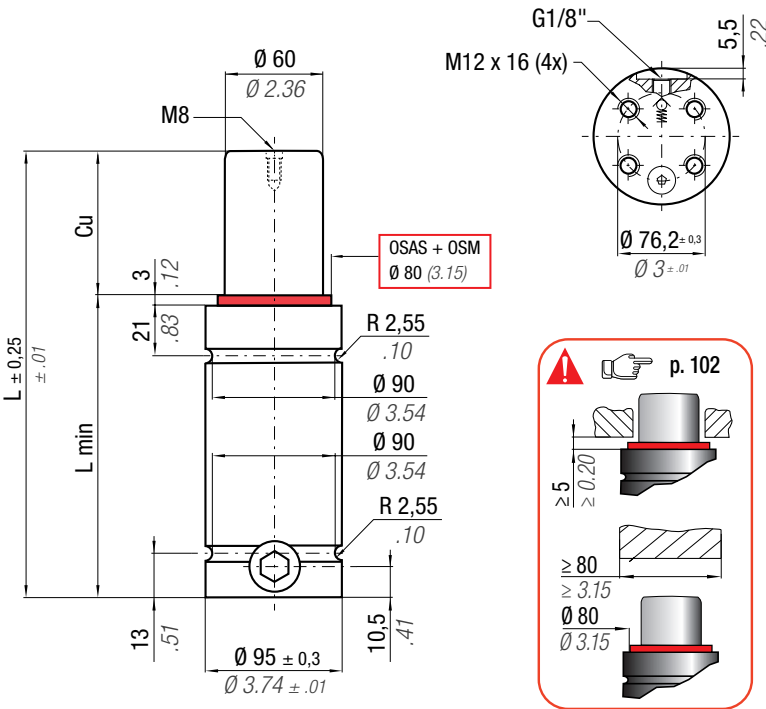
CODE PHASING OUT from 04/2021	NEW	Cu		L		L min		F ₀		F _{1i} *		F _{1p} **		V ₀		PED 2014/68/EU		
		mm	inch	mm	inch	mm	inch	daN	lb	daN	lb	daN	lb	cm ³	in ³		~Kg	~lb
RT 2400 - 010 - A	♦ RT 2400 - 010 - B	10	0.39	79	3.11	69	2.72	2385 ± 5%	5362	3146	7073	3606	8106	77	4.67	1,44	3.17	✓
RT 2400 - 013 - A	♦ RT 2400 - 013 - B	13	0.51	85	3.35	72	2.83			3272	7356	3799	8539	89	5.41	1,64	3.62	✓
RT 2400 - 016 - A	♦ RT 2400 - 016 - B	16	0.63	91	3.58	75	2.95			3374	7586	3957	8895	101	6.15	1,74	3.84	✓
RT 2400 - 019 - A	♦ RT 2400 - 019 - B	19	0.75	97	3.82	78	3.07			3459	7776	4089	9193	113	6.88	1,78	3.92	✓
RT 2400 - 025 - A	RT 2400 - 025 - B	25	0.98	109	4.29	84	3.31			3591	8073	4297	9661	137	8.34	1,88	4.14	✓
RT 2400 - 032 - A	RT 2400 - 032 - B	32	1.26	123	4.84	91	3.58			3703	8325	4476	10063	165	10.06	1,99	4.39	✓
RT 2400 - 038 - A	RT 2400 - 038 - B	38	1.50	135	5.31	97	3.82			3776	8488	4594	10327	189	11.52	2,08	4.59	✓
RT 2400 - 050 - A	RT 2400 - 050 - B	50	1.97	159	6.26	109	4.29			3882	8726	4766	10713	237	14.46	2,27	5.00	✓
RT 2400 - 063 - A	RT 2400 - 063 - B	63	2.48	185	7.28	122	4.80			3960	8902	4894	11001	289	17.63	2,48	5.47	✓
RT 2400 - 075 - A	RT 2400 - 075 - B	75	2.95	209	8.23	134	5.28			4012	9020	4980	11195	337	20.57	2,67	5.89	✓
RT 2400 - 080 - A	RT 2400 - 080 - B	80	3.15	219	8.62	139	5.47	4030	9060	5009	11261	357	21.79	2,74	6.04	✓		
RT 2400 - 100 - A	RT 2400 - 100 - B	100	3.94	259	10.20	159	6.26	4087	9187	5102	11471	437	26.67	3,06	6.75	✓		
RT 2400 - 125 - A	RT 2400 - 125 - B	125	4.92	309	12.17	184	7.24	4134	9295	5182	11649	537	32.79	3,45	7.61	✓		

♦ Disposable



HOW TO ORDER p. 103

INSTALLATION GUIDELINE p. 205



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



Il nuovo codice sarà fornito solo ad esaurimento del vecchio

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

Der neue Kode wird nur angegeben, wenn der alte nicht mehr lieferbar ist

Le nouveau code sera fourni uniquement lorsque le vieux stock sera épuisé

El nuevo código será suministrado sólo cuando se agoten las existencias del antiguo

O novo código irá ser fornecido apenas quando o antigo esgotar stock

ACTIVE SAFETY



OSAS



USAS



OPAS

easu MANIFOLD p. 247

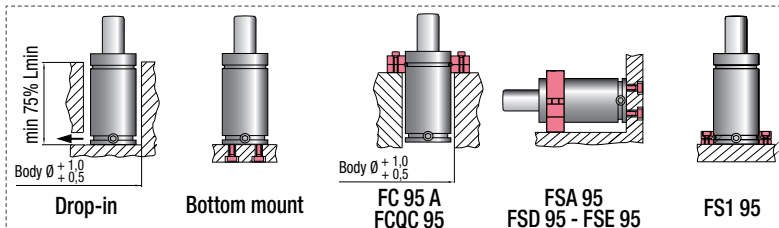
* F_{1i} = Isothermal end force at 100% Cu p. 16

** F_{1p} = Polythropic 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	✓
RT 4200 - 016 - A	♦ RT 4200 - 016 - B	16	0.63	94	3.70	78	3.07	4240 9532 ± 5%	150 bar 2175 psi	6103	13720	7197	16179	172	10.48	2,97	6.55	✓
RT 4200 - 019 - A	♦ RT 4200 - 019 - B	19	0.75	100	3.94	81	3.19			6269	14093	7458	16767	192	11.71	3,05	6.72	✓
RT 4200 - 025 - A	RT 4200 - 025 - B	25	0.98	112	4.41	87	3.43			6531	14682	7874	17702	232	14.18	3,20	7.05	✓
RT 4200 - 032 - A	RT 4200 - 032 - B	32	1.26	126	4.96	94	3.70			6755	15186	8236	18515	280	17.06	3,37	7.43	✓
RT 4200 - 038 - A	RT 4200 - 038 - B	38	1.50	138	5.43	100	3.94			6902	15517	8475	19052	320	19.52	3,52	7.76	✓
RT 4200 - 050 - A	RT 4200 - 050 - B	50	1.97	162	6.38	112	4.41			7117	16001	8827	19844	401	24.45	3,82	8.42	✓
RT 4200 - 063 - A	RT 4200 - 063 - B	63	2.48	188	7.40	125	4.92			7278	16361	9092	20440	488	29.80	4,14	9.13	✓
RT 4200 - 075 - A	RT 4200 - 075 - B	75	2.95	212	8.35	137	5.39			7386	16604	9272	20843	569	34.73	4,44	9.79	✓
RT 4200 - 080 - A	RT 4200 - 080 - B	80	3.15	222	8.74	142	5.59			7423	16687	9333	20982	603	36.79	4,57	10.08	✓
RT 4200 - 100 - A	RT 4200 - 100 - B	100	3.94	262	10.31	162	6.38			7539	16949	9529	21421	738	45.01	5,07	11.18	✓
RT 4200 - 125 - A	RT 4200 - 125 - B	125	4.92	312	12.28	187	7.36	7639	17173	9696	21798	906	55.29	5,69	12.54	✓		

♦ Disposable



HOW TO ORDER

p. 103

INSTALLATION GUIDELINE

p. 205



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

ACTIVE SAFETY



OSAS



USAS



OPAS

Il nuovo codice sarà fornito solo ad esaurimento del vecchio

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

Der neue Kode wird nur angegeben, wenn der alte nicht mehr lieferbar ist

Le nouveau code sera fourni uniquement lorsque le vieux stock sera écoulé

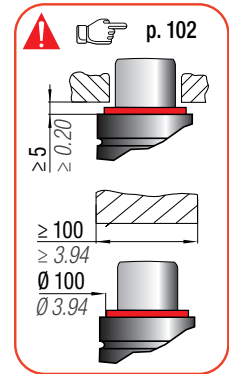
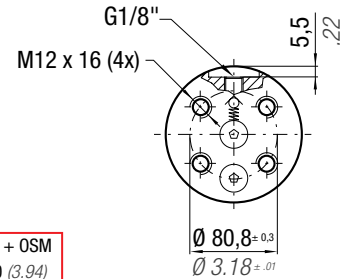
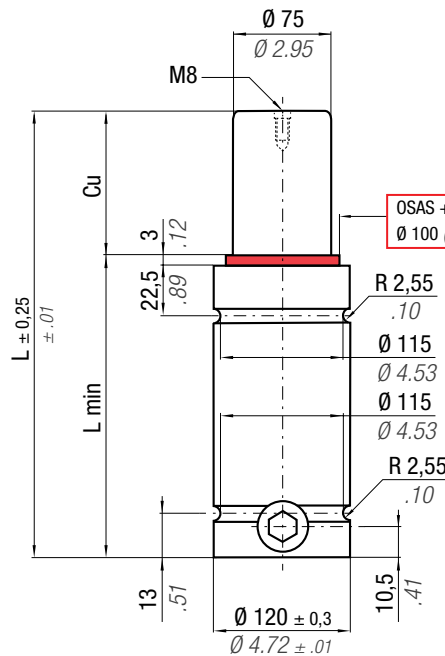
El nuevo código será suministrado sólo cuando se agoten las existencias del antiguo

O novo código irá ser fornecido apenas quando o antigo esgotar stock

easu MANIPOL p. 247

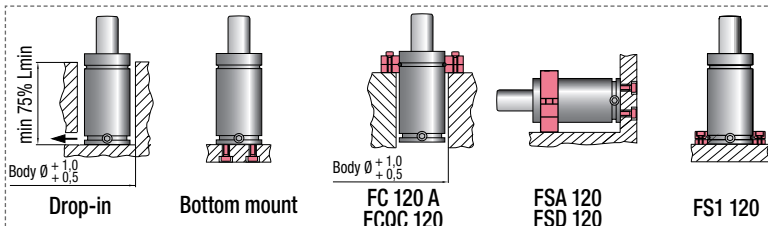
* F_{1i} = Isothermal end force at 100% Cu p. 16

** 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 PHASING OUT from 04/2021	NEW	Cu	L	L min	F ₀ Initial force	F _{1i} * End force *	F _{1p} ** End force **	V ₀								
mm	inch	mm	inch	mm	inch	daN	lb	cm ³	in ³	~Kg	~lb	2014/68/EU				
RT 6600 - 016 - A	♦ RT 6600 - 016 - B	16	0.63	104	4.09	88	3.46	9056	20359	10500	23606	306	18.69	5,41	11.93	✓
RT 6600 - 019 - A	♦ RT 6600 - 019 - B	19	0.75	110	4.33	91	3.58	9306	20920	10887	24474	338	20.64	5,53	12.19	✓
RT 6600 - 025 - A	RT 6600 - 025 - B	25	0.98	122	4.80	97	3.82	9712	21832	11521	25901	402	24.54	5,77	12.72	✓
RT 6600 - 032 - A	RT 6600 - 032 - B	32	1.26	136	5.35	104	4.09	10073	22644	12093	27187	477	29.08	6,05	13.34	✓
RT 6600 - 038 - A	RT 6600 - 038 - B	38	1.50	148	5.83	110	4.33	10316	23192	12483	28063	541	32.98	6,25	13.78	✓
RT 6600 - 050 - A	RT 6600 - 050 - B	50	1.97	172	6.77	122	4.80	10683	24016	13075	29394	668	40.78	6,77	14.93	✓
RT 6600 - 063 - A	RT 6600 - 063 - B	63	2.48	198	7.80	135	5.31	10964	24648	13534	30427	807	49.23	7,25	15.98	✓
RT 6600 - 075 - A	RT 6600 - 075 - B	75	2.95	222	8.74	147	5.79	11157	25083	13852	31141	935	57.03	7,77	17.13	✓
RT 6600 - 080 - A	RT 6600 - 080 - B	80	3.15	232	9.13	152	5.98	11225	25234	13963	31390	988	60.28	7,97	17.57	✓
RT 6600 - 100 - A	RT 6600 - 100 - B	100	3.94	272	10.71	172	6.77	11439	25715	14318	32188	1201	73.28	8,76	19.31	✓
RT 6600 - 125 - A	RT 6600 - 125 - B	125	4.92	322	12.68	197	7.76	11625	26133	14628	32885	1467	89.53	9,76	21.52	✓

♦ Disposable



HOW TO ORDER p. 103

INSTALLATION GUIDELINE p. 205


ACTIVE SAFETY

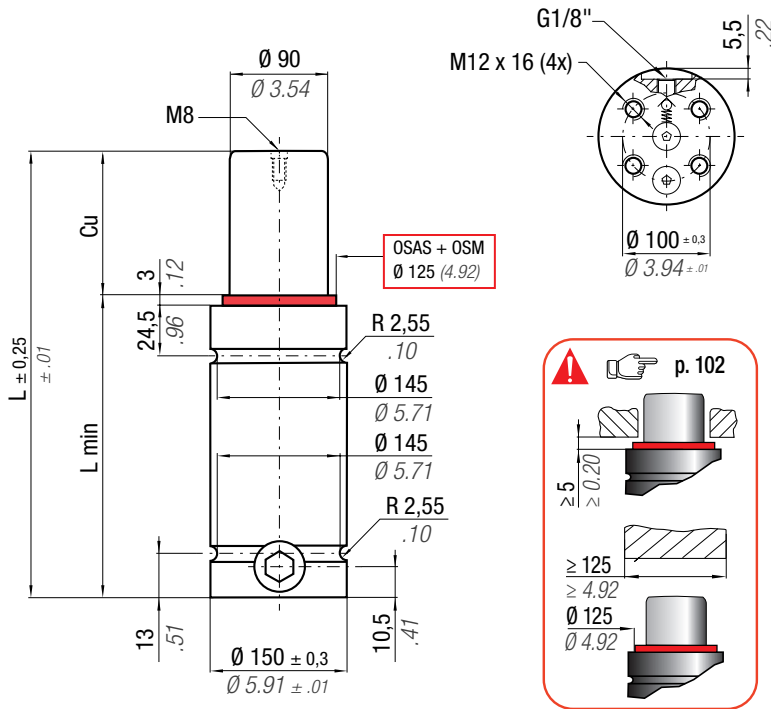

OSAS



USAS



OPAS


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

Il nuovo codice sarà fornito solo ad esaurimento del vecchio

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

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El nuevo código será suministrado sólo cuando se agoten las existencias del antiguo

O novo código irá ser fornecido apenas quando o antigo esgotar stock

p. 247

 * $F_{1i} =$

Isothermal end force at 100% Cu

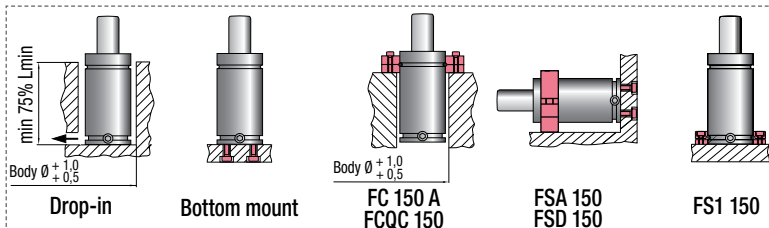
p. 16

 ** $F_{1p} =$

Polytrophic end force at 100% Cu

		$0 - 80^{\circ}\text{C}$ $32 - 176^{\circ}\text{F}$	ΔP $\pm 0,33\% / ^{\circ}\text{C}$	P max 150 bar 2175 psi	P min 20 bar 290 psi	S 63,62 cm ² 9.864 in ²	SPM ~ 20 - 100 (at 20°C)	Max Speed 1,8 m/s 70.8 in/s	Maintenance kit 39BMRV09500C							
CODE		Cu	L	L min	F₀	F_{1i} *	F_{1p} **	V₀								
PHASING OUT from 04/2021	NEW	mm	inch	mm	inch	daN	lb	daN	lb	cm ³	in ³	~Kg	~lb	2014/68/EU		
RT 9500 - 019 - A	◆ RT 9500 - 019 - B	19	0.75	116	4.57	97	3.82	13135	29529	15266	34320	513	31.32	9,58	21.12	✓
RT 9500 - 025 - A	RT 9500 - 025 - B	25	0.98	128	5.04	103	4.06	13676	30745	16106	36208	609	37.19	9,95	21.94	✓
RT 9500 - 032 - A	RT 9500 - 032 - B	32	1.26	142	5.59	110	4.33	14157	31826	16862	37908	722	44.03	10,39	22.91	✓
RT 9500 - 038 - A	RT 9500 - 038 - B	38	1.50	154	6.06	116	4.57	14481	32554	17376	39063	818	49.90	10,76	23.72	✓
RT 9500 - 050 - A	RT 9500 - 050 - B	50	1.97	178	7.01	128	5.04	14968	33649	18156	40817	1010	61.63	11,51	25.38	✓
RT 9500 - 063 - A	RT 9500 - 063 - B	63	2.48	204	8.03	141	5.55	15341	34488	18760	42174	1218	74.35	12,32	27.16	✓
RT 9500 - 075 - A	RT 9500 - 075 - B	75	2.95	228	8.98	153	6.02	15597	35064	19177	43113	1411	86.07	13,07	28.81	✓
RT 9500 - 080 - A	RT 9500 - 080 - B	80	3.15	238	9.37	158	6.22	15686	35264	19323	43440	1491	90.97	13,38	29.50	✓
RT 9500 - 100 - A	RT 9500 - 100 - B	100	3.94	278	10.94	178	7.01	15970	35902	19788	44486	1811	110.52	14,63	32.25	✓
RT 9500 - 125 - A	RT 9500 - 125 - B	125	4.92	328	12.91	203	7.99	16216	36456	20195	45399	2212	134.97	16,19	35.69	✓

◆ Disposable


HOW TO ORDER

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INSTALLATION GUIDELINE

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