



Massima forza, tenuta stelo - Maximum force, rod seal - Maximale Kraft, Kolbenstange dichtung
 Forces maximale, joint de tige - Máxima fuerza, estanqueidad vástago - Força máxima, estanquidade na haste

SEALING	ROD SEAL
DESIGN	BOTTOM BASE - BODY DESIGN

1	Retaining ring	5	Valve	9	Back-up ring
2	Dual ring seal	6	Body	10	Rod wiper
3	Bottom base	7	Guide ring	11	Rod (nitrited superfinished)
4	Plug	8	Rod seal	12	Groove for secondary wiper



RANGE CHART

Model	Body Ø		Stroke Cu		Initial force F0						
	mm	inch	mm	inch	daN	lb	OSAS	USAS	OPAS	SKUDO	SW
ML 300	25	0.98	10 - 80	0.39 - 3.15	310	697	✓	✓	-	-	✓
ML 500	32	1.26	10 - 80	0.39 - 3.15	510	1147	✓	✓	-	-	✓
ML 1000	38	1.50	10 - 80	0.39 - 3.15	980	2203	✓	✓	✓	-	✓
ML 1000 N	38	1.50	10 - 80	0.39 - 3.15	980	2203	✓	✓	✓	-	✓
ML 1800	50	1.97	15 - 80	0.59 - 3.15	1925	4327	✓	✓	✓	-	✓
ML 1800 N	50	1.97	15 - 80	0.59 - 3.15	1925	4327	✓	✓	✓	-	✓
ML 3000	63	2.48	15 - 80	0.59 - 3.15	3180	7149	✓	✓	✓	-	✓
ML 3000 N	63	2.48	15 - 80	0.59 - 3.15	3180	7149	✓	✓	✓	-	✓
ML 4700	75	2.95	15 - 80	0.59 - 3.15	4925	11701	✓	✓	✓	-	✓
ML 4700 N	75	2.95	15 - 80	0.59 - 3.15	4925	11701	✓	✓	✓	-	✓
ML 7500	95	3.74	15 - 80	0.59 - 3.15	7700	17310	✓	✓	✓	-	✓
ML 7500 N	95	3.74	15 - 80	0.59 - 3.15	7700	17310	✓	✓	✓	-	✓
ML 12000	120	4.72	15 - 80	0.59 - 3.15	12720	28595	✓	✓	✓	-	✓
ML 12000 N	120	4.72	15 - 80	0.59 - 3.15	12720	28595	✓	✓	✓	-	✓

✓ Built-in as standard

✓ Optional upon request



HOW TO ORDER

Series _____ Revision code _____

Model **ML 1800-050-D-E-W**

Stroke _____ Version _____

Available versions

ML 1800-050-D Standard code	ML 1800-050-D-W Add "-W" to standard code	ML 1800-050-D-N Add "-N" to standard code	ML 1800-050-D-N-W Add "-N-W" to standard code	ML 1800-050-D-E Add "-E" to standard code	ML 1800-050-D-E-W Add "-E-W" to standard code
Self contained	Self contained + Secondary wiper	Linkable	Linkable + Secondary wiper	Easy Manifold	Easy Manifold + Secondary wiper