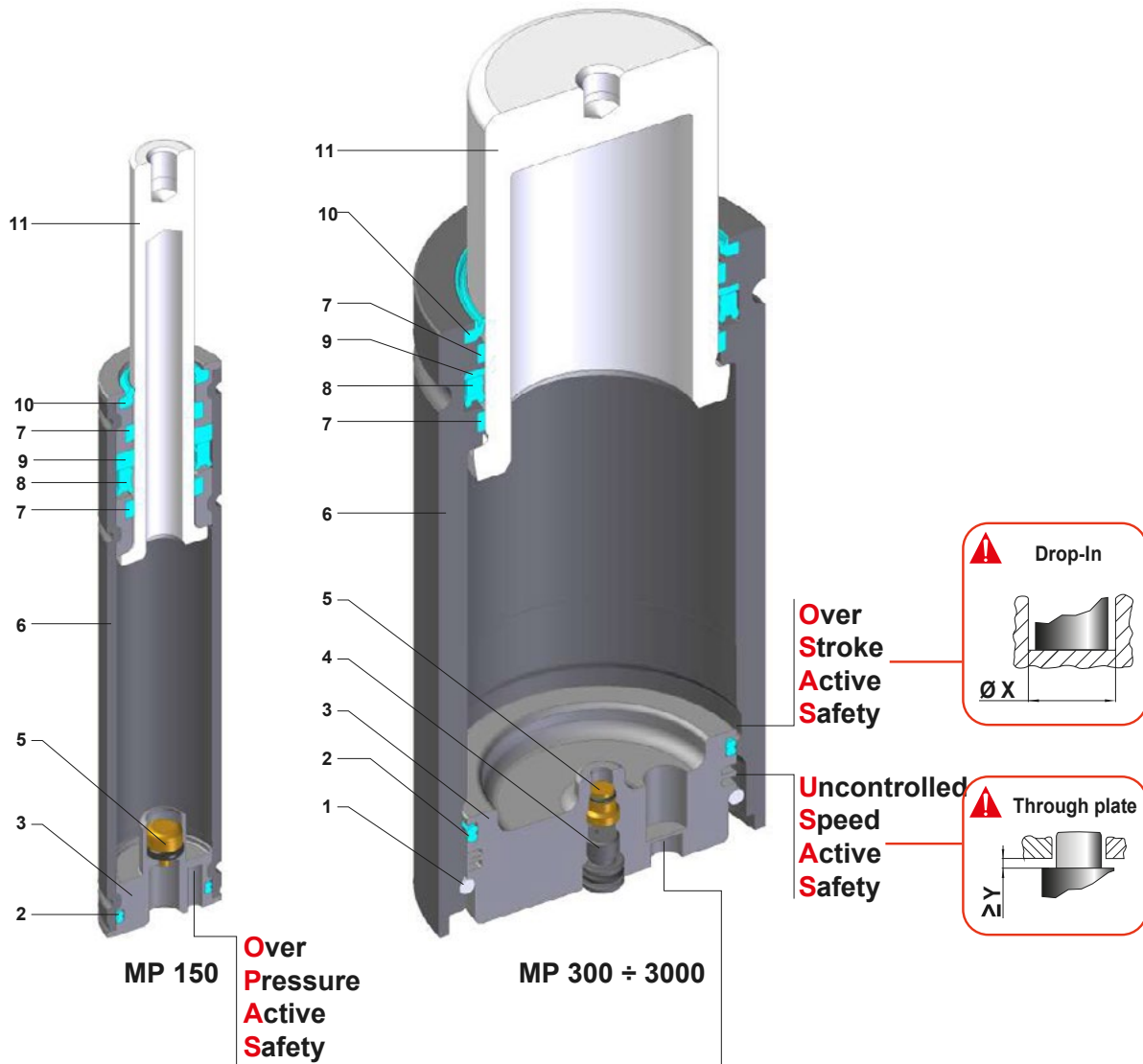


Ordering-Example:

Special Sizes Available On Request.



Maximum force, rod seal

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		

Ordering-Example:
MP 1000-050-A-W

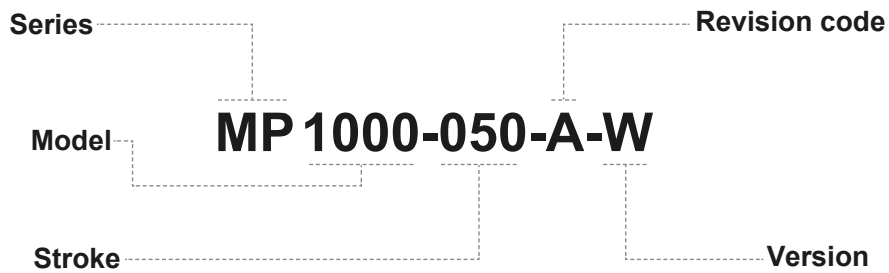
Special Sizes Available On Request.

RANGE CHART

Model	Body Ø		Stroke Cu		Initial force F0		OSAS	USAS	OPAS	SKUDO	SW
	mm	inch	mm	inch	daN	lb					
MP 150	19	0.75	10 - 80	0.39 - 3.15	150	337	-	-	✓	-	-
MP 300	25	0.98	10 - 80	0.39 - 3.15	300	674	✓	✓	-	-	-
MP 500	32	1.26	10 - 80	0.39 - 3.15	500	1124	✓	✓	-	-	✓
MP 1000	38	1.50	10 - 80	0.39 - 3.15	1000	2248	✓	✓	✓	-	✓
MP 2000	50	1.97	10 - 80	0.39 - 3.15	2000	4496	✓	✓	✓	-	-
MP 3000	63	2.48	10 - 80	0.39 - 3.15	3000	6744	✓	✓	✓	-	-

✓ Built-in as standard ✓ Optional upon request

HOW TO ORDER



Available versions

MP 1000-050-AM
Standard code

Self contained

P 1000-050-A-W
Add "-W" to standard code

Self contained

+

Secondary wiper