

HYDRAULIC SHOCK ABSORBER SERIES NC - M8 TO M12



Series	NC-E	NC-S	NC-P
Type	adjustable	self-compensating	self-compensating
Characteristics	linear	linear	progressive
Impact speed [ms^{-1}]	0.2 to 3.5	0.2 to 5.0	0.2 to 5.0
Temperature range [$^{\circ}\text{C}$]	-20 to +80		

Type	0,1	0,15	0,2
Spring return force [N]	2.5 to 6	3.6 to 8	3.5 to 7
Weight [kg]	0.01	0.02	0.04
Max. tightening torque [Nm]	2	6	10

Order codes

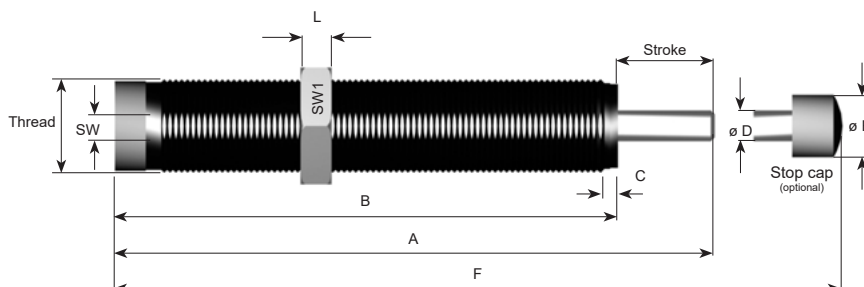
Order code consist of **series description**, **type** (1. part - see table) and **hardness selection** (2. part - see table), eventually indication of shock absorber with stop cap. If you need the shock absorber with stop cap, add „-A“ after complete order code. The stop cap couldn't be mounted additionally as accessories, because by mounting of stop cap the stroke of shock absorber will be smaller. That is why the stop cap must be ordered together with shock absorber to ensure that piston rod will be extended for stop cap.

Example 1: self-compensating progressive shock absorber M10x1 type 0,15 with hardness 3 has order code NC-P0,15-3

Example 2: adjustable shock absorber M12x1 type 0,2 with stop cap has order code NC-E0,2-1-A

Order code (1. part)	Thread	Stroke	Energy absorption			Effective mass - hardness / order code (2. part)			
			constant load [Nm/stroke]	emergency load [Nm/stroke]	total energy [Nm/hod]	...-1 (soft)	...-2 (medium)	...-3 (hard)	...-4 (very hard)
NC-E0,1-...	M8x1	7	4	6	14 000	0.65 to 50	—	—	—
NC-S0,1-...	M8x1	7	4	6	14 400	0.65 to 2	1.3 to 5.5	1.7 to 50	—
NC-P0,1-...	M8x1	7	4	6	14 400	0.3 to 0.9	0.65 to 2.0	1.8 to 8	—
NC-E0,15-...	M10x1	10	15	22.5	24 000	1 to 500	—	—	—
NC-S0,15-...	M10x1	10	15	22.5	24 000	1.6 to 7.5	6.1 to 71	61 to 252	232 to 750
NC-P0,15-...	M10x1	10	15	22.5	24 000	1 to 2.2	2 to 7.5	6.1 to 71	—
NC-E0,2-...	M12x1	12	22	33	35 200	9 to 800	—	—	—
NC-P0,2-...	M12x1	12	22	33	35 200	2 to 11	10 to 107	104 to 360	343 to 1100
NC-S0,2-...	M12x1	12	22	33	35 200	1.5 to 2.8	2 to 21	17 to 92	—

Dimensions



Type	Thread	A	A1	B	C	D	E	F	F1	K	L	SW	SW1
0,1	M8x1	51	56	44	2.5	2.5	6	57	61.5	3.5	3	3	11
0,15	M10x1	59.5	62	49.5	2.5	3	6	66	68.5	3.5	3	3	13
0,2	M12x1	77	81.5	65	2.5	4	10	85	89.5	3.5	4	3	14