



Series	NC-E	NC-S	NC-P
Type	adjustable	self-compensating	self-compensating
Characteristics	linear	linear	progressive
Impact speed [ms^{-1}]	0.02 to 6.0	0.1 to 6.0	0.4 to 8.0
Temperature range [$^{\circ}\text{C}$]	-20 to +80		

Type	2,0x1	2,0x2	2,0x4	2,0x6
Spring return force [N]	50 to 130	40 to 130	45 to 130	35 to 130
Weight [kg]	2.0	3.0	3.9	4.8
Max. tightening torque [Nm]	40	40	40	40

Order codes

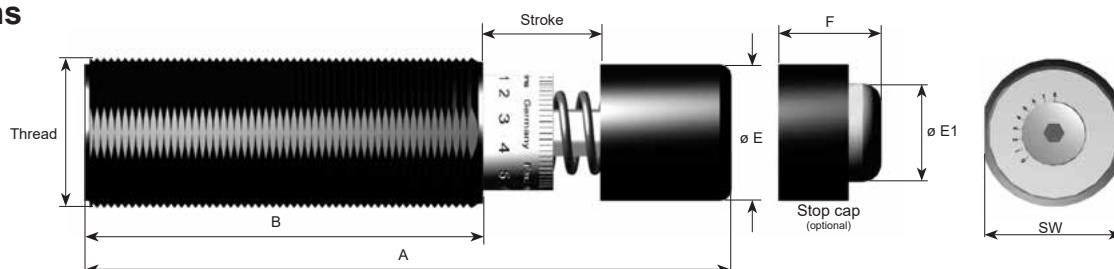
Order code consist of **series description**, **type** (1. part - see table) and **hardness selection** (2. part - see table), eventually indication of shock absorber with stop cap. If you need the shock absorber with stop cap, add „-A“ after complete order code. The stop cap couldn't be mounted additionally 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 M62x2 type 2,0x2 with hardness 3 has order code NC-P2,0x2-3

Example 2: adjustable shock absorber M62x2 type 2,0x1 with stop cap has order code NC-E2,0x1-1-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]	...-0 (very soft)	...-1 (soft)	...-2 (medium)	...-3 (hard)	...-4 (very hard)
NC-E2,0x1-...	M62x2	25	1 500	2 400	150 000	60 to 480	300 to 41150	12000 to 470000	—	—
NC-S2,0x1-...	M62x2	25	1 500	2 400	150 000	31 to 197	170 to 830	480 to 3700	3000 to 14100	12000 to 75000
NC-P2,0x1-...	M62x2	25	1 500	2 400	150 000	—	31 to 187	150 to 1330	1030 to 8300	—
NC-E2,0x2-...	M62x2	50	2 500	4 000	250 000	80 to 800	500 to 63700	14000 to 600000	—	—
NC-S2,0x2-...	M62x2	50	2 500	4 000	250 000	52 to 330	280 to 1385	800 to 6150	5000 to 23500	20000 to 125000
NC-P2,0x2-...	M62x2	50	2 500	4 000	250 000	—	52 to 310	250 to 2200	1730 to 13800	—
NC-E2,0x4-...	M62x2	100	5 000	8 000	350 000	160 to 1600	1000 to 62500	40000 to 1000000	—	—
NC-S2,0x4-...	M62x2	100	5 000	8 000	350 000	104 to 650	565 to 2770	1600 to 12350	10000 to 47200	40000 to 250000
NC-P2,0x4-...	M62x2	100	5 000	8 000	350 000	—	100 to 625	490 to 4400	3460 to 27700	—
NC-E2,0x6-...	M62x2	150	8 000	12 800	400 000	250 to 2400	1250 to 105000	64000 to 1000000	—	—
NC-S2,0x6-...	M62x2	150	8 000	12 800	400 000	160 to 1050	905 to 4430	2560 to 19750	16000 to 75500	64000 to 400000
NC-P2,0x6-...	M62x2	150	8 000	12 800	400 000	—	160 to 1000	790 to 7100	5530 to 44000	—

Dimensions



Type	Thread	A	B	E	E1	F	SW
2,0x1	M62x2	186	104	59	49	25	60
2,0x2	M62x2	236	129	59	49	25	60
2,0x4	M62x2	336	179	59	49	25	60
2,0x6	M62x2	453	246	59	49	25	60