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 [°C]	-20 to +80		

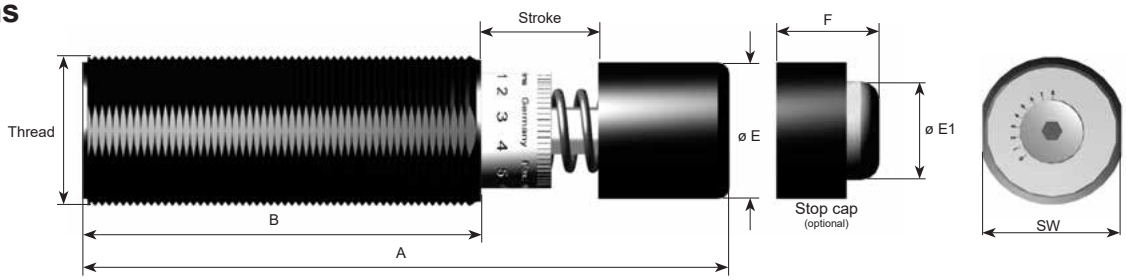
Type	1,25x1	1,25x2	1,5x1	1,5x2	1,5x3
Spring return force [N]	30 to 50	23 to 50	50 to 70	35 to 70	35 to 80
Weight [kg]	0.45	0.55	0.95	1.1	1.2
Max. tightening torque [Nm]	40	40	40	40	40

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 M45x2 type 1,5x2 with hardness 3 has order code NC-P1,5x2-3
Example 2: adjustable shock absorber M32x1.5 type 1,25x1 with stop cap has order code NC-E1,25x1-1-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-E1,25x1-...	M32x1.5	25	300	480	120 000	10 to 100	60 to 2950	600 to 89000	—	—
NC-S1,25x1-...	M32x1.5	25	300	480	120 000	7 to 32	28 to 130	80 to 590	440 to 2050	2000 to 12500
NC-P1,25x1-...	M32x1.5	25	300	480	120 000	—	7 to 35	30 to 260	207 to 1650	—
NC-E1,25x2-...	M32x1.5	50	500	800	150 000	15 to 160	100 to 4000	800 to 120000	—	—
NC-S1,25x2-...	M32x1.5	50	500	800	150 000	13 to 60	56 to 240	160 to 1200	1000 to 4200	4000 to 25000
NC-P1,25x2-...	M32x1.5	50	500	800	150 000	—	7 to 35	30 to 260	207 to 1650	—
NC-E1,5x1-...	M45x2	25	870	1400	261 000	30 to 250	150 to 21000	6200 to 240000	—	—
NC-S1,5x1-...	M45x2	25	870	1400	261 000	24 to 114	98 to 480	280 to 2100	1740 to 8200	6960 to 43500
NC-P1,5x1-...	M45x2	25	870	1400	261 000	—	24 to 108	85 to 770	600 to 4800	—
NC-E1,5x2-...	M45x2	50	1 350	2160	340 000	45 to 430	300 to 26000	10800 to 330000	—	—
NC-S1,5x2-...	M45x2	50	1 350	2160	340 000	35 to 170	160 to 680	440 to 2900	2700 to 12700	10800 to 67500
NC-P1,5x2-...	M45x2	50	1 350	2160	340 000	—	37 to 160	130 to 1200	940 to 7500	—
NC-E1,5x3-...	M45x2	75	2 100	3360	420 000	70 to 670	450 to 27600	16800 to 500000	—	—
NC-S1,5x3-...	M45x2	75	2 100	3360	420 000	40 to 270	240 to 1100	670 to 5000	4200 to 19500	16800 to 105000
NC-P1,5x3-...	M45x2	75	2 100	3360	420 000	—	58 to 260	200 to 1850	1450 to 11600	—

Dimensions



Type	Thread	A	B	E	E1	F	SW
1,25x1	M32x1.5	138	85	29	21	16	30
1,25x2	M32x1.5	188	110	29	21	16	30
1,5x1	M45x2	148	89	39.6	31	18	41
1,5x2	M45x2	198	114	39.6	31	18	41
1,5x3	M45x2	248	139	39.6	31	18	41