

WN-M 0,1 - 1,0



Very high energy absorption

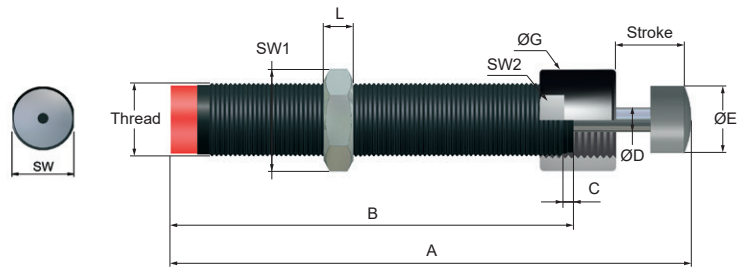
Individual adapted deceleration characteristic

Temperature:
 -20°C - +80°C / option: -50°C - +120°C
 (-4°F - +176°F / option: -58°F - +248°F)

Special models

- available in stainless steel
- for pressure chambers up to 7 bar
- USDA-H1-compliant for food industry

Order information: WN-M 1,0-XXXX
 For the first order technical information for the application is required



DIMENSIONS

Thread	A	B	C	Ø D	Ø E	Ø G	L	SW	SW 1	SW 2	
mm (inch)											
WN-M 0,1	M 8 x 1,0	57 (2.24)	44 (1.73)	2,5 (0.1)	2,5 (0.1)	6 (0.24)	11 (0.43)	3 (0.12)	-	11 (0.43)	-
WN-M 0,15	M 10 x 1,0	66 (2.6)	49,5 (1.95)	2,5 (0.1)	3 (0.12)	8,5 (0.33)	14 (0.55)	3 (0.12)	-	13 (0.51)	-
WN-M 0,2	M 12 x 1,0	85 (3.35)	65 (2.56)	2,5 (0.1)	4 (0.16)	10 (0.39)	16 (0.63)	4 (0.16)	-	14 (0.55)	-
WN-M 0,25	M 14 x 1,0	100 (3.94)	78 (3.07)	2,5 (0.1)	4 (0.16)	10 (0.39)	18 (0.71)	5 (0.2)	13 (0.51)	17 (0.67)	15 (0.59)
WN-M 0,35	M 16 x 1,0	100 (3.94)	78 (3.07)	2,5 (0.1)	4 (0.16)	10 (0.39)	21 (0.83)	6 (0.24)	14 (0.55)	19 (0.75)	19 (0.75)
WN-M 0,5 x 19	M 20 x 1,0	117 (4.61)	88 (3.46)	2,5 (0.1)	6 (0.24)	16 (0.63)	25 (0.98)	6 (0.24)	18 (0.71)	24 (0.94)	22 (0.87)
WN-M 1,0	M 24 x 1,5	146 (5.75)	108 (4.25)	3,5 (0.14)	8 (0.31)	20 (0.79)	31 (1.22)	8 (0.31)	23 (0.91)	30 (1.18)	30 (1.18)
WN-M 1,0 x 40	M 24 x 1,5	183 (7.2)	130 (5.12)	3,5 (0.14)	8 (0.31)	20 (0.79)	31 (0.12)	8 (0.31)	23 (0.91)	30 (1.18)	30 (1.18)

PERFORMANCE

	Stroke mm (inch)	Energy absorption (max.)		Return spring force		Torque Nm max. (lbs max.)	Weight kg (lbs)
		Nm/HB (lbs/HB)		min. N (min. lbs)	max. N (max. lbs)		
WN-M 0,1	7 (0.28)	6 (53)		2,5 (0.56)	6 (1.35)	2 (18)	0,01 (0.02)
WN-M 0,15	10 (0.39)	22,5 (199)		3,6 (0.81)	8 (1.8)	6 (53)	0,02 (0.04)
WN-M 0,2	12 (0.47)	35 (310)		3,5 (0.81)	7 (1.57)	10 (88)	0,036 (0.08)
WN-M 0,25	14 (0.55)	50 (442)		13 (2.92)	23 (5.17)	20 (177)	0,05 (0.11)
WN-M 0,35	14 (0.55)	55 (485)		13 (2.92)	23 (5.17)	20 (177)	0,07 (0.15)
WN-M 0,5 x 19	19 (0.75)	300 (2.66)		12 (2.7)	23 (5.17)	25 (221)	0,13 (0.29)
WN-M 1,0	25 (0.98)	430 (3.8)		15 (3.37)	31 (6.7)	30 (265)	0,25 (0.55)
WN-M 1,0 x 40	40 (1.57)	650 (5.75)		11 (2.47)	20 (4.5)	30 (265)	0,39 (0.86)

WN-M 1,25 - 3,0



Very high energy absorption

Individual adapted deceleration characteristic

Temperature:

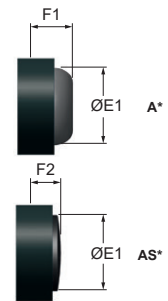
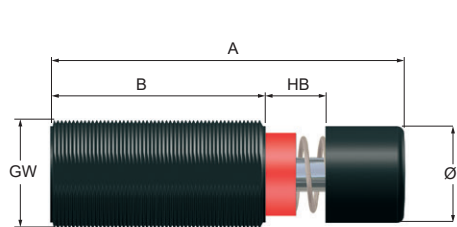
-20°C - +80°C / option: -50°C - +120°C
(-4°F - +176°F / option: -58°F - +248°F)

Special models:

- available in stainless steel
- for pressure chambers up to 7 bar
- USDA-H1-compliant for food industry

Order information: WN-M 1,25x1-XXXX

For the first order technical information for the application is required



DIMENSIONS

Thread		A	B	Ø E	Ø E1	F1	F2	SW
mm (inch)								
WN-M 1,25 x 1	M 32 x 1,5	138 (5.43)	85 (3.35)	29 (1.14)	21 (0.83)	16 (0.63)	12 (0.47)	30 (1.18)
WN-M 1,25 x 2	M 32 x 1,5	188 (7.4)	110 (4.33)	29 (1.14)	21 (0.83)	16 (0.63)	12 (0.47)	30 (1.18)
WN-M 1,5 x 1	M 45 x 2	148 (5.83)	89 (3.5)	39,6 (1.56)	31 (1.22)	18 (0.71)	13 (0.51)	41 (1.61)
WN-M 1,5 x 2	M 45 x 2	198 (7.8)	114 (4.49)	39,6 (1.56)	31 (1.22)	18 (0.71)	13 (0.51)	41 (1.61)
WN-M 1,5 x 3	M 45 x 2	248 (9.76)	139 (5.47)	39,6 (1.56)	31 (1.22)	18 (0.71)	13 (0.51)	41 (1.61)
WN-M 2,0 x 1	M 62 x 2	186 (7.32)	104 (4.09)	59 (2.32)	49 (1.93)	25 (0.98)	14 (0.55)	60 (2.36)
WN-M 2,0 x 2	M 62 x 2	236 (9.29)	129 (5.08)	59 (2.32)	49 (1.93)	25 (0.98)	14 (0.55)	60 (2.36)
WN-M 2,0 x 4	M 62 x 2	336 (13.23)	179 (7.05)	59 (2.32)	49 (1.93)	25 (0.98)	14 (0.55)	60 (2.36)
WN-M 2,0 x 6	M 62 x 2	453 (17.83)	246 (9.69)	59 (2.32)	49 (1.93)	25 (0.98)	14 (0.55)	60 (2.36)

Dimensions Mega-Line 3,0 - Page 31

PERFORMANCE

	Stroke	Energy absorption	Return spring force		Torque	Weight
	mm (inch)	Nm/HB (max.) lbs/HB (max.)	min. N min. lbs	max. N max. lbs	Nm max. lbs max.	kg lbs
WN-M 1,25 x 1	25 (0.98)	600 (3840)	30 (6.75)	50 (11.25)	40 (9)	0,45 (1)
WN-M 1,25 x 2	50 (1.97)	1000 (8850)	23 (5.17)	50 (11.25)	40 (9)	0,55 (1.21)
WN-M 1,5 x 1	25 (0.98)	1400 (12390)	50 (11.25)	70 (15.74)	40 (9)	0,95 (2.1)
WN-M 1,5 x 2	50 (1.97)	2500 (22130)	35 (7.87)	70 (15.74)	40 (9)	1,1 (2.43)
WN-M 1,5 x 3	75 (2.95)	3500 (30980)	35 (7.87)	80 (17.99)	40 (9)	1,2 (2.65)
WN-M 2,0 x 1	25 (0.98)	2400 (21245)	50 (11.25)	130 (29.23)	40 (9)	2 (4.4)
WN-M 2,0 x 2	50 (1.97)	6000 (53105)	40 (9)	130 (29.23)	40 (9)	3 (6.61)
WN-M 2,0 x 4	100 (3.94)	12000 (106210)	45 (10.12)	130 (29.23)	40 (9)	3,9 (8.6)
WN-M 2,0 x 6	150 (5.91)	18000 (159320)	35 (7.87)	130 (29.23)	40 (9)	4,8 (10.6)
WN-M 3,0 x 2	50 (1.97)	5200 (46025)	120 (26.98)	200 (44.96)	-	7 (15.44)
WN-M 3,0 x 4	100 (3.94)	11700 (103555)	120 (26.98)	250 (56.2)	-	9 (19.85)
WN-M 3,0 x 6	150 (5.91)	18200 (161085)	170 (38.21)	250 (56.2)	-	12 (26.46)
WN-M 3,0 x 6	200 (7.87)	24700 (218615)	170 (38.21)	250 (56.2)	-	15 (33.07)
WN-M 3,0 x 6	250 (9.84)	31200 (276145)	170 (38.21)	280 (62.95)	-	20 (44.1)