

P.E.T. Machine Shock Absorbers



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W-PET



Shock Absorbers for Blow Molding Machines

Extended life time - Up to 20 mio strokes

Piston: Hardened, Aluminium-Titanium-Nitride coated

Integrated end stop: Max. security

Special Seals + Oils

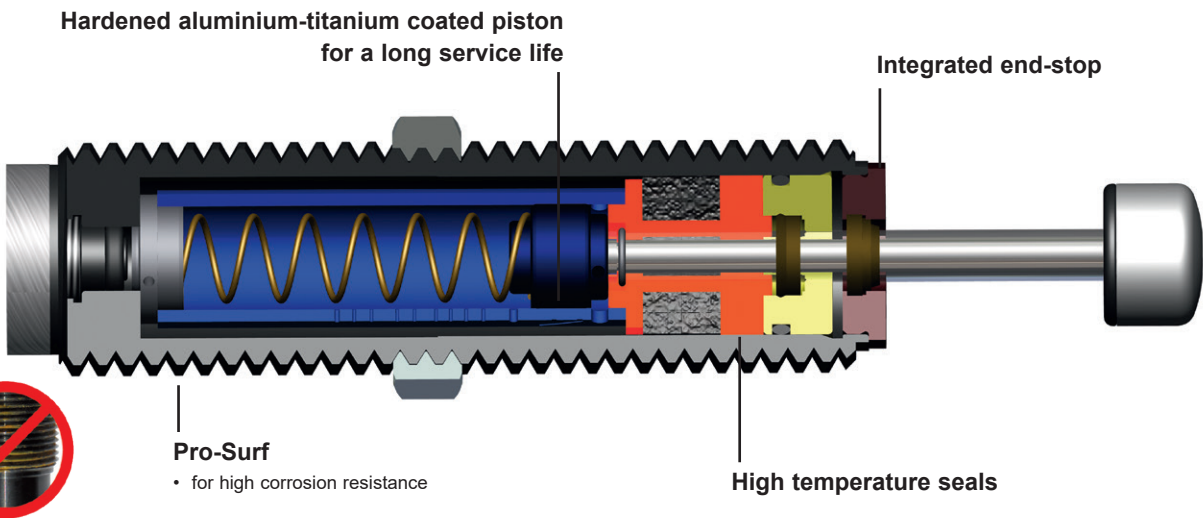
Temperature: -30°C - +100°C (-22°F - +212°F)

Minimized scheduled maintenance requirements

Reduced replacement costs

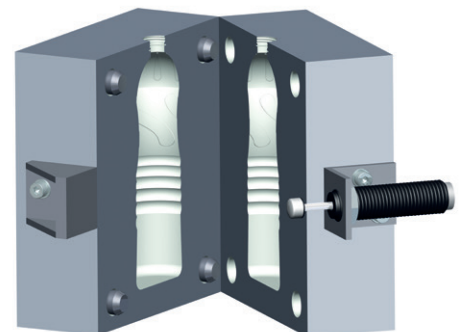
Easy replacement of existing shock absorbers

RoHS Directive 2002/95/EC

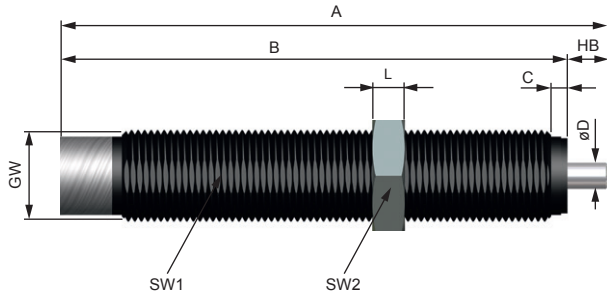


Weforma PET shock absorbers are designed for use in blow molding machines. Due to high cycle times standard shock absorbers quickly fail. Series W-PET provides constant performance for up to 20 million cycles in approved applications such as:

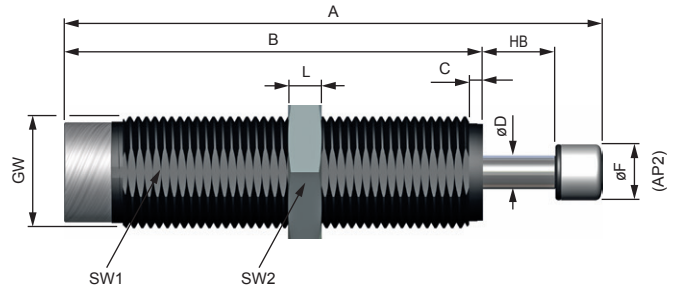
- P.E.T. container manufacturers
- Blow molding machines
- Injection molding machines
- Plastic bottle manufacturers
- High-speed, repetitious applications requiring exceptional durability and performance



W-PET 0,25-1110



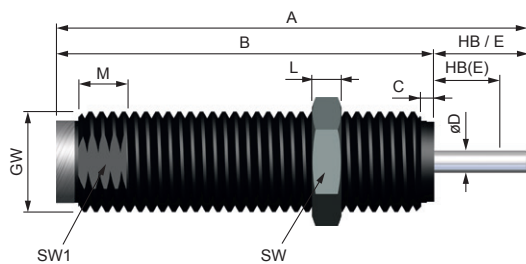
W-PET 0,5x13-XXXX



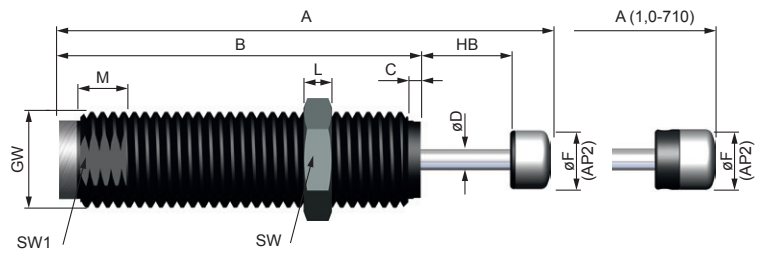
DIMENSIONS

	Stroke mm (inch)	max. Energy absorption Nm/Hub (lbs/Stroke)	GW	A	B	C	øD	øF (AP2)	L	SW1	SW2	
				mm (inch)								
W-PET 0,25-1110	6,4 (1.46)	25 (221.27)	M 14 x 1	84,4 (1.46)	78 (1.22)	2,5 (0.1)	4 (0.12)	-	5 (0.24)	17 (0.33)	13 (0.33)	
W-PET 0,5x13-330	13 (0.51)	50 (442.54)	M 20 x 1,5	97 (3.82)	75 (2.95)	2,5 (0.1)	6 (0.24)	10 (0.39)	6 (0.24)	18 (0.71)	24 (0.94)	
W-PET 0,5x13-380	13 (0.51)	50 (442.54)	M 20 x 1,5	110 (4.33)	88 (3.46)	2,5 (0.1)	6 (0.24)	10 (0.39)	6 (0.24)	18 (0.71)	24 (0.94)	
W-PET 0,5x13-1730	13 (0.51)	50 (442.54)	M 20 x 1,5	97 (3.82)	75 (2.95)	2,5 (0.1)	6 (0.24)	10 (0.39)	6 (0.24)	18 (0.71)	24 (0.94)	

Type 1 W-PET 1,0-XXXX



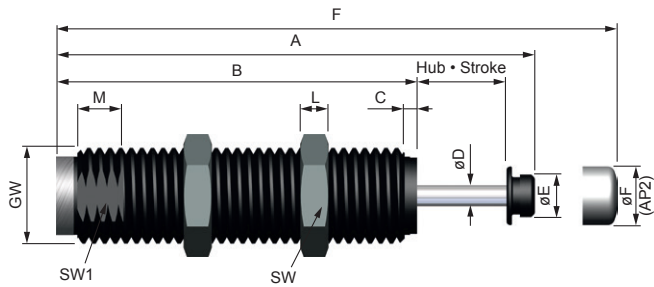
Type 2 W-PET 1,0-XXXX



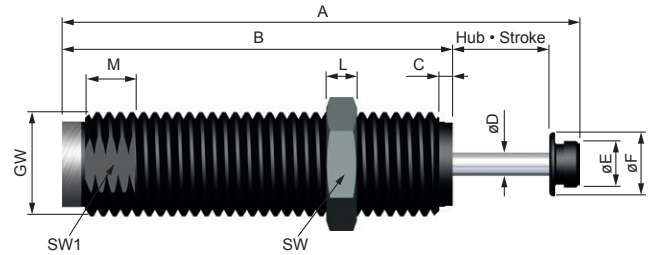
DIMENSIONS

Type	Stroke mm (inch)	max. Energy absorption Nm/Hub (lbs/Stroke)	GW	A	B	C	øD	E	HB(E)	øF (AP2)	SW	SW1	M	L
				mm (inch)										
W-PET 1,0-230	19 (0.75)	100 (885.08)	M 27 x 3	121 (4.76)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	-	-	23 (0.91)	13 (0.51)	-
W-PET 1,0-240	19 (0.75)	100 (885.08)	M 27 x 3	127 (5)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	-	-	23 (0.91)	13 (0.51)	-
W-PET 1,0-920	19 (0.75)	100 (885.08)	M 27 x 3	121 (4.76)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	-	-	23 (0.91)	13 (0.51)	-
W-PET 1,0-1240	25 (0.98)	100 (885.08)	M 27 x 3	127 (5)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	-	-	23 (0.91)	13 (0.51)	-
W-PET 1,0-1310	25 (0.98)	100 (885.08)	M 27 x 3	127 (5)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	-	30 (1.18)	23 (0.91)	13 (0.51)	8 (0.31)
W-PET 1,0-1350	25 (0.98)	100 (885.08)	M 27 x 3	133 (5.24)	102 (4.02)	3,5 (0.14)	6 (0.24)	31 (1.22)	25 (0.98)	-	30 (1.18)	23 (0.91)	13 (0.51)	8 (0.31)
W-PET 1,0-1530	25 (0.98)	100 (885.08)	M 27 x 3	127 (5)	102 (4.02)	3,5 (0.14)	6 (0.24)	31 (1.22)	25 (0.98)	-	30 (1.18)	23 (0.91)	13 (0.51)	8 (0.31)
W-PET 1,0-140	25 (0.98)	100 (885.08)	M 27 x 3	139 (5.47)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	17 (0.67)	-	23 (0.91)	13 (0.51)	-
W-PET 1,0-260	25 (0.98)	100 (885.08)	M 25 x 1,5	139 (5.47)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	17 (0.67)	-	23 (0.91)	13 (0.51)	-
W-PET 1,0-330	25 (0.98)	100 (885.08)	M 27 x 3	139 (5.47)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	17 (0.67)	30 (1.18)	23 (0.91)	13 (0.51)	8 (0.31)
W-PET 1,0-710	25 (0.98)	100 (885.08)	M 27 x 3	139 (5.47)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	17 (0.67)	-	23 (0.91)	13 (0.51)	-
W-PET 1,0-1710	25 (0.98)	100 (885.08)	M 27 x 3	139 (5.47)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	17 (0.67)	30 (1.18)	23 (0.91)	13 (0.51)	8 (0.31)
W-PET 1,0-1720	25 (0.98)	100 (885.08)	M 27 x 3	139 (5.47)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	17 (0.67)	30 (1.18)	23 (0.91)	13 (0.51)	8 (0.31)
W-PET 1,0-2270	19 (0.75)	100 (885.08)	M 25 x 1,5	133 (5.24)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	-	17 (0.67)	-	-	13 (0.51)	-

Type **1** W-PET 1,0-XXXX



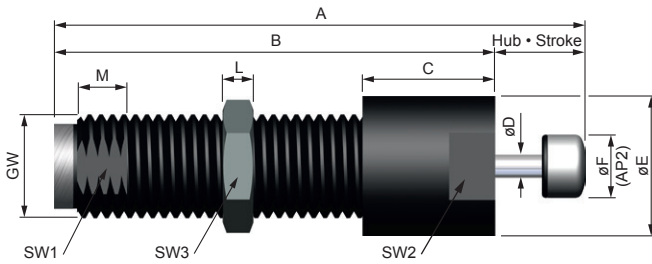
Type **2** W-PET 1,0-XXXX



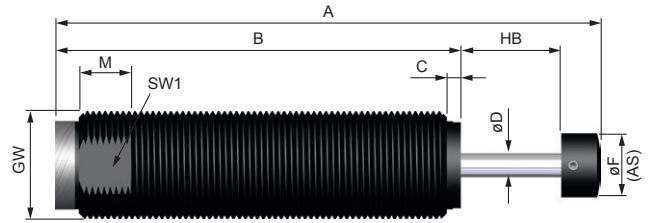
DIMENSIONS

Type	Stroke mm (inch)	max. Energy absorption Nm/Hub (lbs/Stroke)	GW	A	B	C	øD	øE	øF (AP2)	F	SW	L	SW1	M	
W-PET 1,0-120	1	25 (0.98)	100 (885.08)	M27x3	135 (5.31)	102 (4.02)	3,5 (0.14)	6 (0.24)	12 (0.47)	17 (0.67) (5.47)	139 (5.47)	30 (1.18)	8 (0.31)	23 (0.91)	13 (0.51)
W-PET 1,0-1120	1	25 (0.98)	100 (885.08)	M27x3	135 (5.31)	102 (4.02)	3,5 (0.14)	6 (0.24)	12 (0.47)	17 (0.67) (5.47)	139 (5.47)	30 (1.18)	8 (0.31)	23 (0.91)	13 (0.51)
W-PET 1,0-1360	2	25 (0.98)	100 (885.08)	M27x3	135 (5.31)	102 (4.02)	3,5 (0.14)	6 (0.24)	12 (0.47)	-	17 (0.67)	30 (1.18)	8 (0.31)	23 (0.91)	13 (0.51)

Type **1** W-PET 1,0-XXXX



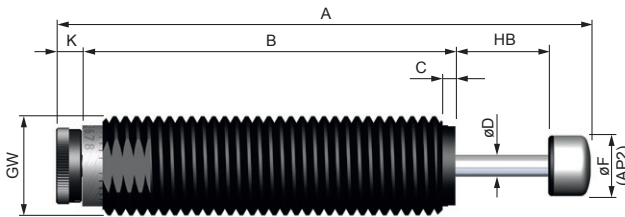
Type **2** W-PET 1,0-XXXX



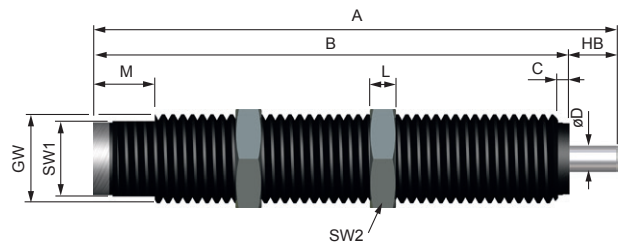
DIMENSIONS

Type	Stroke mm (inch)	max. Energy absorption Nm/Hub (lbs/Stroke)	GW	A	B	C	øD	øE	øF	L	SW3	SW2	SW1	M	
W-PET 1,0-350	1	23,7 (0.93)	100 (885.08)	M27x3	139 (5.47)	115 (4.53)	34,6 (1.36)	6 (0.24)	36,5 (1.44)	17 (0.67)	8 (0.31)	30 (1.18)	32 (1.26)	23 (0.91)	13 (0.51)
W-PET 1,0-3240	2	25 (0.98)	100 (885.08)	M27x1,5	137 (5.39)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	16 (0.63)	-	-	-	23 (0.91)	13 (0.51)
W-PET 1,0-3260	2	25 (0.98)	100 (885.08)	1-12 UNF	137 (5.39)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	16 (0.63)	-	-	-	23 (0.91)	13 (0.51)
W-PET 1,0-3280	2	25 (0.98)	100 (885.08)	M25x1,5	137 (5.39)	102 (4.02)	3,5 (0.14)	6 (0.24)	-	16 (0.63)	-	-	-	23 (0.91)	13 (0.51)

W-PET 1,0-2240



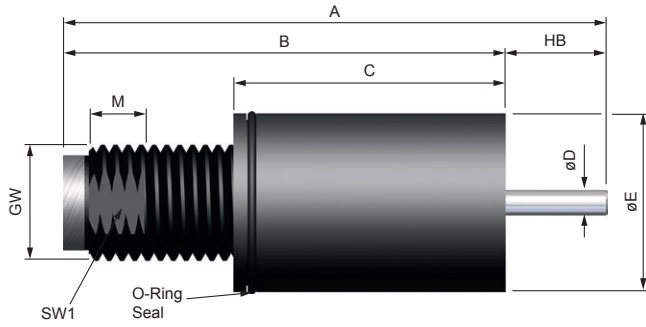
W-PET 1,0-870



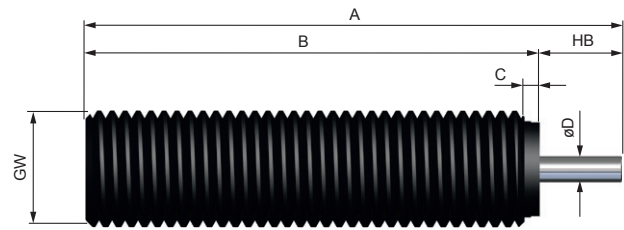
DIMENSIONS

Stroke mm (inch)	max. Energy absorption Nm/Hub (lbs/Stroke)	GW	A	B	C	øD	øF	K	SW1	M	L	SW2
W-PET 1,0-2240	25 (0.98)	100 (885.08)	M 27 x 3	147 (5.79)	102 (4.02)	3,5 (0.14)	6 (0.24)	17 (0.67)	8 (0.31)	-	-	-
W-PET 1,0-870	15 (0.59)	100 (885.08)	M 27 x 3	161 (6.34)	146 (5.75)	3,5 (0.14)	8 (0.31)	-	23 (0.91)	19 (0.75)	8 (0.31)	30 (1.18)

W-PET 1,0-1370



W-PET 1,0-940

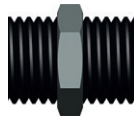


DIMENSIONS

	Stroke mm (inch)	max. Energy absorption Nm/Hub (lbs/Stroke)	GW	A	B	C	øD	øE	SW1	M
				mm (inch)						
W-PET 1,0x1370	23,9 (0,94)	100 (885,08)	M 27 x 3	127 (5)	103 (4,06)	63,6 (2,5)	6 (0,24)	41,5 (1,63)	23 (0,91)	13 (0,51)
W-PET 1,0-940	19 (0,75)	100 (885,08)	M 27 x 3	130 (5,12)	105 (4,13)	3,5 (0,14)	6 (0,24)	-	-	-

ACCESSORIES

1 Lock nut



Stop cap AP2



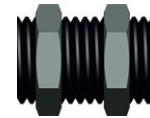
Stop cap (Steel / AS)



Stop limit nut



2 Lock nuts



Stop cap AP2 (supplied loose)



W-PET 0,25-1110	X									
W-PET 0,5x13-330	X	X								
W-PET 0,5x13-380	X	X								
W-PET 0,5x13-1730	X	X								
W-PET 1,0-1310	X									
W-PET 1,0-1350	X									
W-PET 1,0-1530	X									
W-PET 1,0-140		X								
W-PET 1,0-260		X								
W-PET 1,0-330	X	X								
W-PET 1,0-350	X	X		X						
W-PET 1,0-710		X								
W-PET 1,0-1360	X		X							
W-PET 1,0-1710	X	X								
W-PET 1,0-1720	X	X								
W-PET 1,0-2270		X								
W-PET 1,0-3240			X							
W-PET 1,0-3260			X							
W-PET 1,0-3280			X							
W-PET 1,0-2240		X								
W-PET 1,0x1370				X						
W-PET 1,0-120						X			X	
W-PET 1,0-1120						X			X	
W-PET 1,0-870						X				