

PROFILE DAMPERS BASICSTOP

SERIES AXIAL STANDARD

▶ PRODUCT SPECIFICATIONS

- ▶ Design

Axial
- ▶ Shore hardness, hard

55D
- ▶ Shore hardness, medium

40D
- ▶ Damping proportion Hard

up to 75 %
- ▶ Damping proportion Medium

up to 65 %
- ▶ Impact speed

0 ... 10 [m/s]
- ▶ Permitted temperature range

-50 ... +90 [°C]
- ▶ Angle of Impact max.

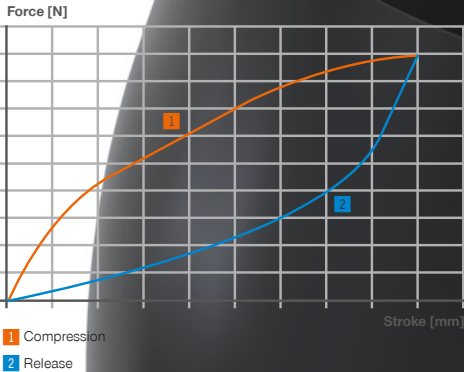
15 [°]
- ▶ PWIS-free

Yes
- ▶ RoHS compliant

Yes
- ▶ REACH compliant

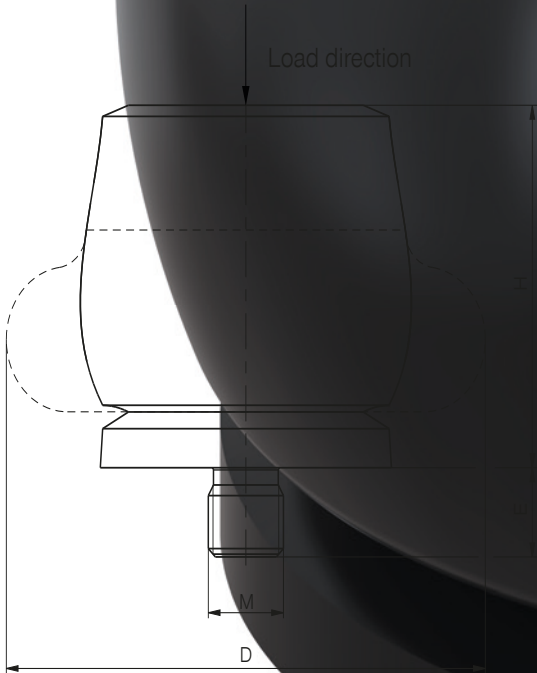
Yes

▶ TECHNICAL DATA



Order No.	Thread M	Wrench size	Tightening torque	Weight
		[mm]	[Nm]	[g]
TPC-M2-A	M2			1
TPC-M3-A	M3	2	1	1
TPC-M4-A	M4			1
TPC-M5-A	M5	3	3	2
TPC-M6-A	M6			4
TPC-M8-A	M8	6	12	13
TPC-M12-A	M12			30
TPC-M16-A	M16	14	100	94

The profile dampers must completely contact the surface to be damped.
 The screws are included in the scope of delivery of the respective BasicStop structural damper. These can also be ordered individually.



► TECHNICAL DATA

► Axial Standard

		▶ Axial Standard									
		Energy absorption max.		Stroke max.	Height H at stroke=0	Diameter D		Screw-in length E max.	Thread M	Weight	
		Continuous operation	Emergency stop operation			Stroke=0	Stroke=0				Stroke=max.
		per stroke	per hour	per stroke	[mm]			[mm]	[mm]	[mm]	
HARD	Order No.	[J]	[J/h]	[J]	[mm]	[mm]	[mm]	[mm]	[mm]		[g]
	TPC-AS7X8H	0.5	15	0.8	3	7	8	9	2	M2	1
	TPC-AS11X12H	2	60	3	5	11	12	15	3	M3	1
	TPC-AS16X17H	6	180	9	6	16	17	21	4	M4	4
	TPC-AS18X21H	10	300	16	9	18	21	26	5	M5	6
	TPC-AS19X22H	11.5	345	21	9	19	22	27	6	M6	9
	TPC-AS26X28H	29	870	46	12	26	28	36	6	M6	15
	TPC-AS30X34H	48	1,440	87	14	30	34	43	6	M6	22
	TPC-AS33X37H	65	1,950	112	16	33	37	48	6	M6	28
	TPC-AS35X39H	82	2,460	130	16	35	39	50	8	M8	41
	TPC-AS38X43H	112	3,360	165	18	38	43	55	8	M8	53
	TPC-AS41X46H	140	4,200	173	19	41	46	59	12	M12	77
	TPC-AS45X50H	170	5,100	223	22	45	50	64	12	M12	86
	TPC-AS47X53H	201	6,030	334	22	47	53	68	12	M12	100
	TPC-AS51X57H	242	7,260	302	24	51	57	73	12	M12	117
	TPC-AS54X62H	304	9,120	361	25	54	62	77	12	M12	131
	TPC-AS57X65H	374	11,220	468	27	57	65	82	12	M12	152
	TPC-AS60X69H	421	12,630	524	29	60	69	86	12	M12	174
	TPC-AS65X71H	482	14,460	559	31	65	71	91	16	M16	258
	TPC-AS69X79H	570	17,100	831	32	69	79	100	16	M16	312
	TPC-AS74X82H	683	20,490	921	35	74	82	105	16	M16	348
	TPC-AS76X85H	797	23,910	1043	36	76	85	109	16	M16	385
	TPC-AS80X89H	934	28,020	1249	38	80	89	114	16	M16	431
	TPC-AS86X97H	1147	34,410	1555	40	86	97	123	16	M16	516
TPC-AS101X116H	2014	60,420	2951	48	101	116	146	16	M16	803	

	Order No.										
MEDIUM	TPC-AS7X7M	0.3	9	0.4	3	7	7	9	2	M2	1
	TPC-AS12X11M	0.9	27	1.4	6	12	11	15	3	M3	1
	TPC-AS15X14M	2	60	3	7	15	14	19	4	M4	2
	TPC-AS19X17M	4	120	6	9	19	17	24	5	M5	6
	TPC-AS21X20M	6	180	7	11	21	20	27	6	M6	8
	TPC-AS28X26M	11.5	345	15	14	28	26	37	6	M6	13
	TPC-AS32X31M	23	690	26	16	32	31	44	6	M6	20
	TPC-AS36X35M	30	900	36	19	36	35	48	6	M6	25
	TPC-AS38X37M	34	1,020	42	19	38	37	51	6	M6	31
	TPC-AS41X41M	48	1,440	63	21	41	41	55	12	M12	63
	TPC-AS45X44M	63	1,890	72	23	45	44	60	12	M12	69
	TPC-AS49X48M	81	2,430	91	25	49	48	64	12	M12	80
	TPC-AS52X51M	92	2,760	114	27	52	51	69	12	M12	91
	TPC-AS55X54M	122	3,660	158	29	55	54	73	12	M12	107
	TPC-AS59X58M	149	4,470	154	31	59	58	78	12	M12	123
	TPC-AS62X61M	163	4,890	169	32	62	61	83	16	M16	200
	TPC-AS66X64M	208	6,240	254	34	66	64	87	16	M16	227
	TPC-AS69X68M	227	6,810	272	35	69	68	92	16	M16	247
	TPC-AS75X75M	291	8,730	408	38	75	75	101	16	M16	292
	TPC-AS79X77M	352	10,560	459	40	79	77	105	16	M16	314
	TPC-AS84X82M	419	12,570	620	44	84	82	110	16	M16	347
	TPC-AS85X84M	475	14,250	635	43	85	84	115	16	M16	395
	TPC-AS92X90M	580	17,400	778	47	92	90	124	16	M16	463
	TPC-AS109X107M	902	27,060	966	56	109	107	147	16	M16	698

PROFILE DAMPERS BASICSTOP

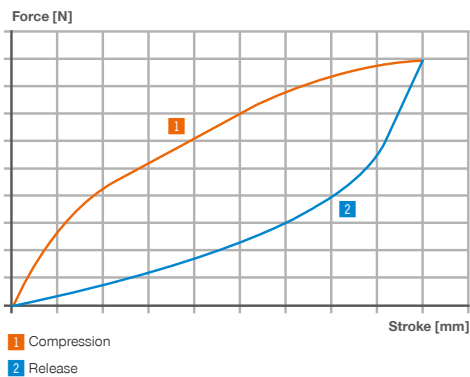
SERIES AXIAL STANDARD

PRODUCT SPECIFICATIONS



► Design	Axial
► Shore hardness, hard	55D
► Shore hardness, medium	40D
► Damping proportion Hard	up to 75 %
► Damping proportion Medium	up to 65 %
► Impact speed	0,1 ... 5,0 [m/s]
► Permitted temperature range	-50 ... +90 [°C]
► Angle of Impact max.	15 [°]
► PWIS-free	Yes
► RoHS compliant	Yes
► REACH compliant	Yes

TECHNICAL DATA



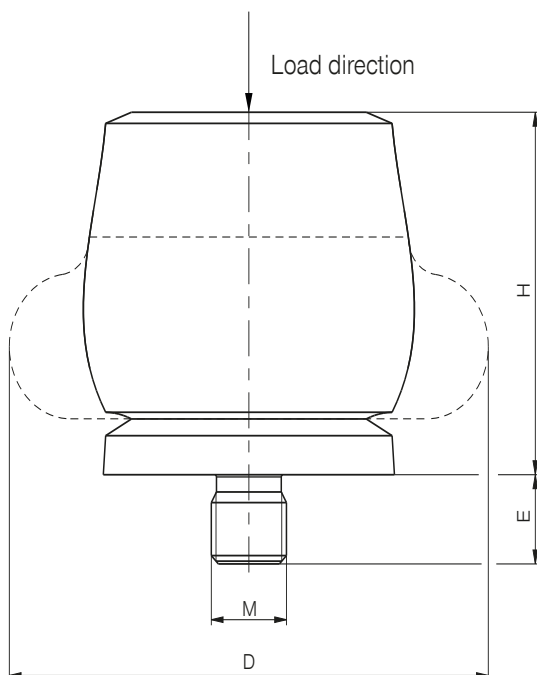
Order No.

TPC-M2-A
TPC-M3-A
TPC-M4-A
TPC-M5-A
TPC-M6-A
TPC-M8-A
TPC-M12-A
TPC-M16-A

Installation instructions

Thread	Wrench size [mm]	Tightening torque [Nm]	Weight [g]
M2	1.3	0.3	1
M3	2	1	1
M4	2.5	2	1
M5	3	3	2
M6	5	5	4
M8	6	12	13
M12	10	40	29
M16	14	100	94

The profile dampers must completely contact the underside.
The screws are included in the scope of delivery of the respective BasicStop structural damper. These can also be ordered individually.



TECHNICAL DATA

Axial Standard

	Order No.	Energy absorption max.		Stroke max.	Height H	Diameter D		Max. screw-in depth E	Thread	Weight
		Continuous operation		Emergency stop operation	[mm]	Stroke=0		[mm]		(incl. screw)
		per stroke	per hour	per stroke		Stroke=0	Stroke=max.			
		[J]	[J/h]	[J]		[mm]	[mm]			
HARD	TPC-AS7X8H	0.5	15	0.8	3	7	8	9	M2	1
	TPC-AS11X12H	2	60	3	5	11	12	15	M3	1
	TPC-AS16X17H	6	180	9	6	16	17	21	M4	4
	TPC-AS18X21H	10	300	16	9	18	21	26	M5	6
	TPC-AS19X22H	11.5	345	21	9	19	22	27	M6	9
	TPC-AS26X28H	29	870	46	12	26	28	36	M6	15
	TPC-AS30X34H	48	1,440	87	14	30	34	43	M6	22
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	TPC-AS35X39H	82	2,460	130	16	35	39	50	M8	41
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