

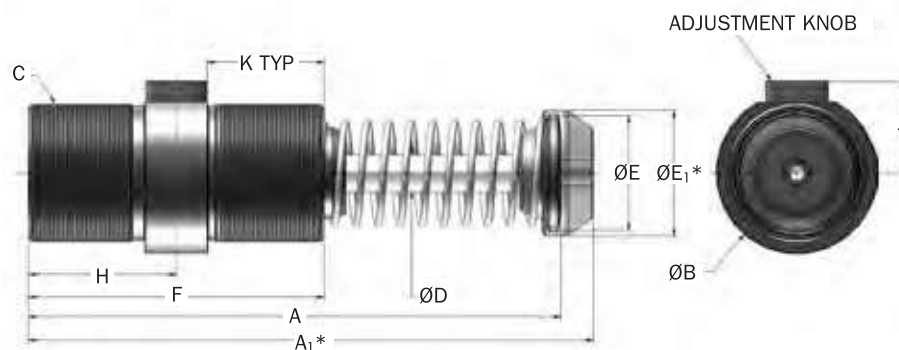
Adjustable Series Hydraulic Shock Absorbers

OEM Large-Bore Series

OEM 3.0M → OEM 4.0M Series

Technical Data

Standard



*Note: A₁ and E₁ apply to urethane striker cap accessory.

Catalog No./Model	(S) Stroke mm	Optimal Velocity Range m/s	E _T Max. Nm/c	E _T C Max. Nm/hr	F _p Max. Reaction Force N	Nominal Coil Spring Force		F _D Max. Propelling Force N	Mass Kg
						Extended N	Compressed N		
OEM 3.0M x 2	50	0,3-4,3	2 300	372 000	67 000	110	200	12 000	7,0
OEM 3.0M x 3.5	90	0,3-4,3	4 000	652 000	67 000	110	200	12 000	9,1
OEM 3.0M x 5	125	0,3-4,3	5 700	933 000	67 000	71	200	12 000	10,9
OEM 3.0M x 6.5	165	0,3-4,3	7 300	1 215 000	67 000	120	330	12 000	13,6
OEM 4.0M x 2	50	0,3-4,3	3 800	1 503 000	111 000	225	290	21 000	15,0
OEM 4.0M x 4	100	0,3-4,3	7 700	1 808 000	111 000	155	290	21 000	18,2
OEM 4.0M x 6	150	0,3-4,3	11 500	2 102 000	111 000	135	310	21 000	20,0
△ OEM 4.0M x 8	200	0,3-4,3	15 400	2 407 000	111 000	180	355	21 000	30,0
△ OEM 4.0M x 10	250	0,3-4,3	19 200	2 712 000	111 000	135	355	21 000	33,0

Note: △ = Non-standard lead time items, contact ITT Enidine.

Catalog No./Model	A mm	A ₁ mm	B mm	C	D mm	E mm	E ₁ mm	F mm	H mm	J mm	K mm
OEM 3.0M x 2	245	265	98	M85 x 2.0	22	69	76	140	70	58	51
OEM 3.0M x 3.5	323	343	98	M85 x 2.0	22	69	76	179	90	58	71
OEM 3.0M x 5	399	419	98	M85 x 2.0	22	69	76	217	109	58	71
OEM 3.0M x 6.5	494	514	98	M85 x 2.0	22	81	81	256	128	58	71
OEM 4.0M x 2	313	335	127	M115 x 2.0	35	88	95	203	102	74	80
OEM 4.0M x 4	414	436	127	M115 x 2.0	35	88	95	254	127	74	105
OEM 4.0M x 6	516	538	127	M115 x 2.0	35	88	95	305	153	74	108
△ OEM 4.0M x 8	643	665	127	M115 x 2.0	35	88	95	356	178	74	108
△ OEM 4.0M x 10	745	767	127	M115 x 2.0	35	88	95	406	203	74	108

Notes: 1. All shock absorbers will function satisfactorily at 5% of their maximum rated energy per cycle. If less than 5%, a smaller model should be specified.

2. For mounting accessories, see pages 32.

3. Rear flange mounting of OEM 3.0M x 6.5, OEM 4.0M x 8 and OEM 4.0M x 10 models not recommended when mounting horizontally.

4. △ = Non-standard lead time items, contact ITT Enidine.

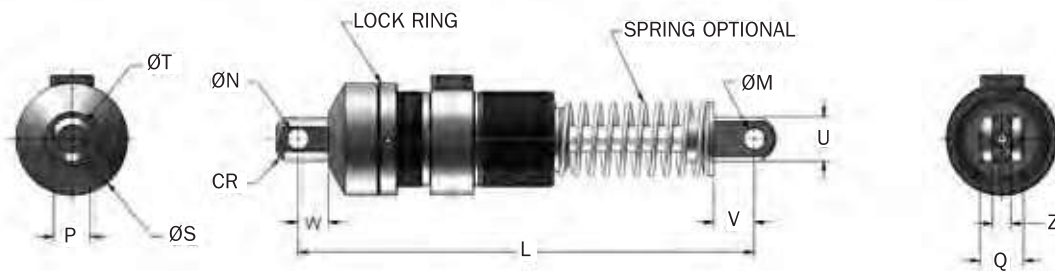
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Accessories

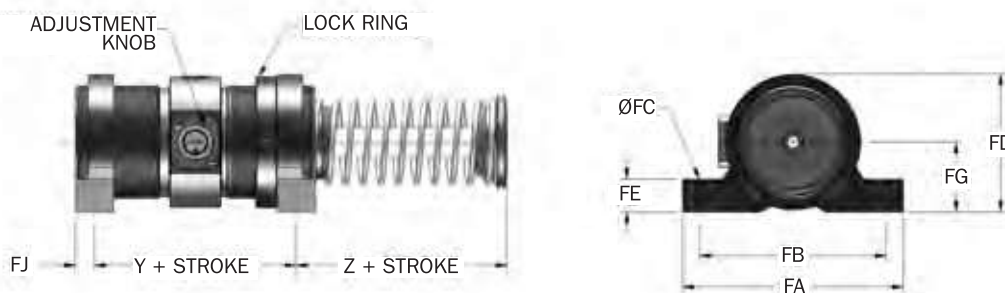
Clevis Mount



Catalog No./Model	(S) Stroke mm	L mm	M mm	N mm	P mm	Q mm	S mm	T mm	U mm	V mm	W mm	Z mm	CR mm	Mass Kg
△ OEM 3.0M x 2 CM (S)	50	325,0	19,07 +0,25/0	19,07 +0,25/0	31,7 0/-0,3	38,0	98,0	38,1	38,1	36,0	26,0	16,0 +0,5/0	23,0	8,66
△ OEM 3.0M x 3.5 CM (S)	90	402,0	19,07 +0,25/0	19,07 +0,25/0	31,7 0/-0,3	38,0	98,0	38,1	38,1	36,0	26,0	16,0 +0,5/0	23,0	10,70
△ OEM 3.0M x 5 CM (S)	125	479,0	19,07 +0,25/0	19,07 +0,25/0	31,7 0/-0,3	38,0	98,0	38,1	38,1	36,0	26,0	16,0 +0,5/0	23,0	12,52
△ OEM 3.0M x 6.5 CM (S)	165	574,0	19,07 +0,25/0	19,07 +0,25/0	31,7 0/-0,3	38,0	98,0	38,1	38,1	36,0	26,0	16,0 +0,5/0	23,0	15,24
△ OEM 4.0M x 2 CM (S)	50	432,0	25,42 +0,25/0	25,42 +0,25/0	38,1 0/-0,3	90,5	127,0	57,2	51,0	51,0	44,0	38,2 +0,5/0	35,0	19,23
△ OEM 4.0M x 4 CM (S)	100	533,0	25,42 +0,25/0	25,42 +0,25/0	38,1 0/-0,3	90,5	127,0	57,2	51,0	51,0	44,0	38,2 +0,5/0	35,0	22,41
△ OEM 4.0M x 6 CM (S)	150	635,0	25,42 +0,25/0	25,42 +0,25/0	38,1 0/-0,3	90,5	127,0	57,2	51,0	51,0	44,0	38,2 +0,5/0	35,0	24,22
△ OEM 4.0M x 8 CM (S)	200	762,0	25,42 +0,25/0	25,42 +0,25/0	38,1 0/-0,3	90,5	127,0	57,2	51,0	51,0	44,0	38,2 +0,5/0	35,0	34,20
△ OEM 4.0M x 10 CM (S)	250	864,0	25,42 +0,25/0	25,42 +0,25/0	38,1 0/-0,3	90,5	127,0	57,2	51,0	51,0	44,0	38,2 +0,5/0	35,0	37,37

Notes: 1. "S" indicates model is supplied with spring.
2. △ = Non-standard lead time items, contact ITT Enidine.

Flange Foot Mount



Catalog No./Model	Part Number	Model Ref	J mm	Y mm	Z mm	FA mm	FB mm	FC mm	FD mm	FE mm	FG mm	FJ mm	FK mm	Bolt Size mm	Mass kg	Notes
FM M85 x 2	2F3330	OEM 3.0M	58	81,0	59,0	165,0	139,7	13,5	103,0	25,4	52,3	14,1	28,7	M12	1 984	1
FM M115 x 2	2F3720	OEM 4.0M	74	190,5	37,0	203,2	165,0	16,8	149,4	38,0	79,5	16,0	50,8	M16	3 900	2

Notes: 1. OEM 3.0M x 6,5, Z dimension is 77,7mm.
2. OEM 4.0M x 8 and 4.0M x 10M, Z dimension is 62,0mm.
3. For rear foot mount, dimension FJ is 22,4mm.