

Shock Absorbers and Rate Controls



ENIDINE



Shock Absorber and Rate Controls Quick Selection Guide

Typical Selections

Technical Data

Use this **ITT Enidine Product Quick Selection Guide** to quickly locate potential shock absorber models most suited for your requirements. Models are organized in order of smallest to largest energy capacity per cycle within their respective product families.

ITT Enidine Adjustable Shock Absorbers

Catalog No. Model	(S) Stroke mm	E _T Max. Nm/c	E _T C Max. Nm/hr	Damping Type	Page No.
OEM 0.1M (B)	7,0	7,0	13 600	D	21
ECO OEM .15M (B)	10,0	7,0	20 900	D	21
ECO OEM .25M (B)	10,0	7,0	22 000	D	21
ECO (LR)OEM .25M (B)	10,0	7,0	22 000	D	21
ECO OEM .35M (B)	12,0	19,0	37 400	D	21
ECO (LR)OEM .35M (B)	12,0	19,0	37 400	D	21
ECO OEM .5M (B)	12,0	31,0	35 200	D	21
ECO (LR)OEM .5M (B)	12,0	31,0	35 200	D	21
ECO OEM 1.0M (B)	25,0	81,0	77 000	C	21
ECO (LR)OEM 1.0M (B)	25,0	81,0	77 000	C	21
ECO OEM 1.15M x 1	25,0	215,0	83 300	C	24
ECO (LR)OEM 1.15M x 1	25,0	215,0	83 300	C	24
ECO OEM 1.15M x 2	50,0	424,0	108 800	C	24
ECO (LR)OEM 1.15M x 2	50,0	424,0	108 800	C	24
ECO OEM 1.25M x 1	25,0	215,0	100 100	C	24
ECO (LR)OEM 1.25M x 1	25,0	215,0	100 100	C	24
ECO OEM 1.25M x 2	50,0	424,0	122 500	C	24
ECO (LR)OEM 1.25M x 2	50,0	424,0	122 500	C	24
(LR)OEMXT 3/4 x 1	25,0	425,0	126 000	C	27
OEMXT 3/4 x 1	25,0	425,0	126 000	C	27
(LR)OEMXT 1.5M x 1	25,0	425,0	126 000	C	27
OEMXT 1.5M x 1	25,0	425,0	126 000	C	27
(LR)OEMXT 3/4 x 2	50,0	850,0	167 000	C	27
OEMXT 3/4 x 2	50,0	850,0	167 000	C	27
(LR)OEMXT 1.5M x 2	50,0	850,0	167 000	C	27
OEMXT 1.5M x 2	50,0	850,0	167 000	C	27
OEMXT 3/4 x 3	75,0	1 300,0	201 000	C	27
OEMXT 1.5M x 3	75,0	1 300,0	201 000	C	27
(LR)OEMXT 1 1/8 x 2	50,0	2 300,0	271 000	C	29
OEMXT 1 1/8 x 2	50,0	2 300,0	271 000	C	29
(LR)OEMXT 2.0M x 2	50,0	2 300,0	271 000	C	29
OEMXT 2.0M x 2	50,0	2 300,0	271 000	C	29
OEM 3.0M x 2	50,0	2 300,0	372 000	C	31
OEMXT 1 1/8 x 4	100,0	4 500,0	362 000	C	29
OEMXT 2.0M x 4	100,0	4 500,0	362 000	C	29
OEM 4.0M x 2	50,0	3 800,0	1 503 000	C	31
OEM 3.0M x 3.5	90,0	4 000,0	652 000	C	31
OEMXT 1 1/8 x 6	150,0	6 780,0	421 000	C	29
OEMXT 2.0M x 6	150,0	6 780,0	421 000	C	29
OEM 3.0M x 5	125,0	5 700,0	933 000	C	31
OEM 3.0M x 6.5	165,0	7 300,0	1 215 000	C	31
OEM 4.0M x 4	100,0	7 700,0	1 808 000	C	31
OEM 4.0M x 6	150,0	11 500,0	2 012 000	C	31
OEM 4.0M x 8	200,0	15 400,0	2 407 000	C	31
OEM 4.0M x 10	250,0	19 200,0	2 712 000	C	31

Key for Damping Type:
D – Dashpot
C – Conventional
SC – Self-compensating

ITT Enidine Non-Adjustable Shock Absorbers

Catalog No. (Model)	(S) Stroke mm	E _T Max. Nm/c	E _T C Max. Nm/hour	Damping Type	Page No.
TK 6	4,0	1,0	3 600	D	39
TK 8	4,0	6,0	4 800	D	39
TK 21	6,4	2,2	4 100	D	40
ECO 8	6,4	4,0	6 215	SC	47
TK 10M	6,4	6,0	13 000	D	40
ECO 10	7,0	7,0	13 640	SC	47
ECO 15	10,4	12,0	31 020	SC	47
STH .25M	6,0	11,0	4 420	D	41
ECO S 25	12,7	24,0	37 400	SC	47
ECO 25	12,7	30,0	44 000	SC	47
ECOS 50	12,7	32,0	49 720	SC	47
ECO 50	22,0	62,0	59 070	SC	47
STH .5M	12,5	65,0	44 200	D	41
ECO 100	25,0	105,0	77 000	SC	47
PRO 110	25,0	210,0	84 000	SC	50
ECO 120	25,0	185,0	84 000	SC	50
ECO 125	25,0	185,0	104 000	SC	50
PMXT 1525	25,0	367,0	126 000	SC	59
STH .75M	19,0	245,0	88 400	D	41
ECO 220	50,0	350,0	103 000	SC	50
ECO 225	50,0	350,0	127 000	SC	50
PMXT 1550	50,0	735,0	167 000	SC	59
STH 1.0M	25,0	500,0	147 000	D	41
PMXT 1575	75,0	1 130,0	201 000	SC	59
STH 1.0M x 2	50,0	1 000,0	235 000	D	41
PMXT 2050	50,0	1 865,0	271 000	SC	59
STH 1.5M x 1	25,0	1 150,0	250 000	D	41
PMXT 2100	100,0	3 729,0	362 000	SC	59
STH 1.5M x 2	50,0	2 300,0	360 000	D	41
PMXT 2150	150,0	5 650,0	421 000	SC	59

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ITT Enidine Heavy Duty Shock Absorbers

Catalog No. Model	(S) Stroke mm	E _T Min./Max. Nm/c		Damping Type	Page No.
HDN 1.5 x (Stroke)	50-800	3 200	36 500	C, P, SC	66
HDN 2.0 x (Stroke)	150-400	14 400	104 200	C, P, SC	67
HDN 3.0 x (Stroke)	50-1 500	9 600	206 800	C, P, SC	68
HDA 3.0 x (Stroke)	50-300	4 500	27 200	C	71
HDN 3.5 x (Stroke)	50-1 400	13 000	273 000	C, P, SC	69
HDN 4.0 x (Stroke)	50-1 200	15 700	329 300	C, P, SC	70
HDA 4.0 x (Stroke)	50-250	13 500	67 500	C	72
HD 5.0 x (Stroke)	100-1 200	46 700	467 000	C, P, SC	74
HD 6.0 x (Stroke)	100-1 200	76 500	805 000	C, P, SC	75

Key for Damping Type:
D – Dashpot
C – Conventional

P – Progressive
SC – Self-compensating

ITT Enidine Heavy Industry Shock Absorbers

Catalog No. Model	(S) Stroke mm	E _T Min./Max. Nm/c		Damping Type	Page No.
HI 50 x (Stroke)	50-100	3 050	6 200	C, P, SC	81
HI 85 x (Stroke)	50-100	6 700	13 500	C, P, SC	81
HI 100 x (Stroke)	50-800	10 000	132 000	C, P, SC	81
HI 120 x (Stroke)	100-1 000	32 000	132 000	C, P, SC	81
HI 130 x (Stroke)	250-800	100 000	270 000	C, P, SC	82
HI 150 x (Stroke)	115-1 000	62 000	510 000	C, P, SC	82

Key for Damping Type:
D – Dashpot
C – Conventional

P – Progressive
SC – Self-compensating

Jarret Shock Absorbers

Catalog No. Model	(S) Stroke mm	Min./Max. Energy Capacity kJ		Damping Type	Page No.
BC1N	12-80	0,1	14	–	85
BC5	105-180	25	150	–	87
XLR	150-800	6	150	–	89
BCLR	400-1 300	100	1 000	–	91

ITT Enidine Adjustable Rate Controls

Catalog No. Model	(S) Stroke mm	F _D Max. Propelling Force		E _T C Max. Nm/hr	Page No.
		Tension N	Compression N		
ADA 505M	50,0	2 000	2 000	73 450	99
ADA 510M	100,0	2 000	1 670	96 050	99
ADA 515M	150,0	2 000	1 335	118 650	99
ADA 520M	200,0	2 000	900	141 250	99
ADA 525M	250,0	2 000	550	163 850	99
ADA 705M	50,0	11 000	11 000	129 000	100
ADA 710M	100,0	11 000	11 000	168 000	100
ADA 715M	150,0	11 000	11 000	206 000	100
ADA 720M	200,0	11 000	11 000	247 000	100
ADA 725M	250,0	11 000	11 000	286 000	100
ADA 730M	300,0	11 000	11 000	326 000	100
ADA 735M	350,0	11 000	11 000	366 000	100
ADA 740M	400,0	11 000	11 000	405 000	101
ADA 745M	450,0	11 000	8 800	444 000	101
ADA 750M	500,0	11 000	7 500	484 000	101
ADA 755M	550,0	11 000	6 200	524 000	101
ADA 760M	600,0	11 000	5 300	563 000	101
ADA 765M	650,0	11 000	4 500	603 000	101
ADA 770M	700,0	11 000	4 000	642 000	101
ADA 775M	750,0	11 000	3 500	681 000	101
ADA 780M	800,0	11 000	3 100	721 000	101

ITT Enidine Non-Adjustable Rate Controls

Catalog No. Model	(S) Stroke mm	F _D Max. Propelling Force		E _T C Max. Nm/C	Page No.
		Tension N	Compression N		
DA 705	50,0	11 121	11 121	565	103
DA 710	100,0	11 121	11 121	1 120	103
DA 715	150,0	11 121	11 121	1 695	103
DA 720	200,0	11 121	11 121	2 260	103
DA 75M x 50	50,0	22 250	22 250	1 120	103
DA 75M x 100	100,0	22 250	22 250	2 240	103
DA 75M x 150	150,0	22 250	22 250	3 360	104
DA 75M x 200	200,0	22 250	22 250	4 480	104
DA 75M x 250	250,0	22 250	22 250	5 600	104
TB 100M x 100	100,0	44 482	44 482	4 480	104
TB 100M x 150	150,0	44 482	44 482	6 779	104



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