

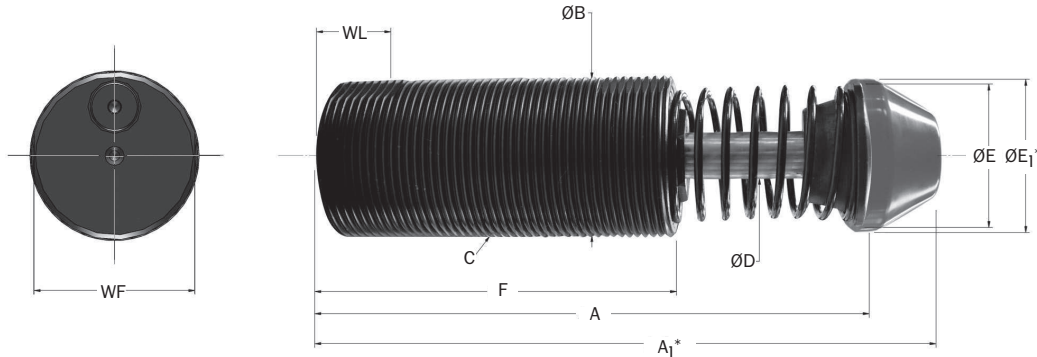
# Non-Adjustable Series Hydraulic Shock Absorbers

## PMXT Mid-Bore Series

### Technical Data

PMXT 1525 → PMXT 2150 Series

### Standard



\*Note: A<sub>1</sub> and E<sub>1</sub> apply to button models and urethane striker cap accessory.

Catalog No./ Model	(S) Stroke in. (mm)	(E <sub>T</sub> ) Max. in.-lbs./cycle (Nm/cycle)	(E <sub>T</sub> -C) Max. in.-lbs./hour (Nm/h)	(F <sub>p</sub> ) Max. Reaction Force lbs. (N)	Nominal Coil Spring Force		(F <sub>D</sub> ) Max. Propelling Force lbs. (N)	Weight (mass) lbs. (Kg)
					Extended lbs. (N)	Compressed lbs. (N)		
PMXT 1525	1.00	3,250	1,120,000	6,500	11.0	15.0	1,500	2.2
	(25,0)	(367,0)	(126 000)	(29 000)	(48,0)	(68,0)	(6 700)	(1,0)
PMXT 1550	2.00	6,500	1,475,000	6,500	11.0	18.0	1,500	2.4
	(50,0)	(735,0)	(167 000)	(29 000)	(29,0)	(78,0)	(6 700)	(1,1)
PMXT 1575	3.00	10,000	1,775,000	6,500	7.0	18.0	1,500	2.7
	(75,0)	(1 130,0)	(201 000)	(29 000)	(31,0)	(78,0)	(6 700)	(1,3)
PMXT 2050	2.00	16,500	2,400,000	13,750	17.0	35.0	4,000	6.0
	(50,0)	(1 865,0)	(271 000)	(60 500)	(80,0)	(155,0)	(17 800)	(2,7)
PMXT 2100	4.00	33,000	3,200,000	13,750	16.0	36.0	4,000	7.3
	(100,0)	(3 729,0)	(362 000)	(60 500)	(69,0)	(160,0)	(17 800)	(3,3)
PMXT 2150	6.00	50,000	3,730,000	13,750	20.0	64.0	4,000	9.3
	(150,0)	(5 650,0)	(421 000)	(60 500)	(87,0)	(285,0)	(17 800)	(4,2)

Catalog No./ Model	Damping Constant	A in. (mm)	A <sub>1</sub> in. (mm)	C in. (mm)	D in. (mm)	E in. (mm)	E <sub>1</sub> in. (mm)	F in. (mm)	WF in. (mm)	WL in. (mm)
PMXT 1525 IF	-1,-2,-3	5.68	6.37	(IF) 13/4-12 UN	.50	1.48	1.75	3.63	1.70	0.75
PMXT 1525 MF	-1,-2,-3	(144,0)	(162,0)	(MF) M45 x 1,5	(12,7)	(38,0)	(44,5)	(92,0)	(43,5)	(19,0)
PMXT 1550 IF	-1,-2,-3	7.68	8.37	(IF) 13/4-12 UN	.50	1.48	1.75	4.63	1.70	0.75
PMXT 1550 MF	-1,-2,-3	(195,0)	(213,0)	(MF) M45 x 1,5	(12,7)	(38,0)	(44,5)	(118,0)	(43,5)	(19,0)
PMXT 1575 IF	-1,-2,-3	9.68	10.37	(IF) 13/4-12 UN	.50	1.48	1.75	5.63	1.70	0.75
PMXT 1575 MF	-1,-2,-3	(246,0)	(264,0)	(MF) M45 x 1,5	(12,7)	(38,0)	(44,5)	(143,0)	(43,5)	(19,0)
PMXT 2050 IF	-1,-2,-3	8.90	9.55	(IF) 2 1/2-12 UN	.75	1.98	2.25	5.50	2.42	0.75
PMXT 2050 MF	-1,-2,-3	(226,0)	(243,0)	(MF) M64 x 2,0	(19,0)	(50,0)	(57,0)	(140,0)	(61,5)	(19,0)
PMXT 2100 IF	-1,-2,-3	12.90	13.55	(IF) 2 1/2-12 UN	.75	1.98	2.25	7.50	2.42	0.75
PMXT 2100 MF	-1,-2,-3	(328,0)	(345,0)	(MF) M64 x 2,0	(19,0)	(50,0)	(57,0)	(191,0)	(61,5)	(19,0)
PMXT 2150 IF	-1,-2,-3	17.97	18.62	(IF) 2 1/2-12 UN	.75	2.38	2.38	9.50	2.42	0.75
PMXT 2150 MF	-1,-2,-3	(956,0)	(473,0)	(MF) M64 x 2,0	(19,0)	(60,0)	(60,0)	(241,0)	(61,5)	(19,0)

Notes: 1. Dash numbers in page color are non-standard lead time items, contact ITT Enidine.  
 2. See page 59 for constant damping curves.  
 3. Urethane striker caps are available as accessories for models PM 1525 to PM 2150.