

Performance Data EP-Series Canted

Double Acting Actuators

Model	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
	Open	Close		
EPTC106-200-DA	5.7	6.4	12.0	12.0
EPTC106-240-DA	8.2	9.2	12.0	8.0
EPTC106-295-DA	12.4	13.9	12.0	5.5
EPTC106-340-DA	16.4	18.4	12.0	4.0
EPTC108-295-DA	16.1	18.2	12.0	10.0
EPTC108-340-DA	21.4	24.2	12.0	7.5
EPTC108-385-DA	27.5	31.0	12.0	6.0
EPTC108-435-DA	35.1	39.5	12.0	4.5
EPTC110-340-DA	25.1	28.5	12.0	10.0
EPTC110-385-DA	32.2	36.6	12.0	8.0
EPTC110-435-DA	41.2	46.7	12.0	6.0
EPTC110-485-DA	51	58	12.0	5.0
EPTC110-535-DA	62	71	12.0	4.0
EPTC130-435-DA	54	60	12.0	10.0
EPTC130-485-DA	67	75	12.0	8.0
EPTC130-535-DA	81	91	12.0	6.5
EPTC130-585-DA	97	109	12.0	5.5
EPTC130-635-DA	114	128	12.0	4.5
EPTC160-485-DA	82	92	12.0	10.0
EPTC160-535-DA	100	112	12.0	8.5
EPTC160-585-DA	119	133	12.0	7.0
EPTC160-635-DA	140	157	12.0	6.0
EPTC160-685-DA	163	183	12.0	5.0
EPTC160-735-DA	188	210	12.0	4.5
EPTC200-585-DA	149	165	12.0	10.0
EPTC200-635-DA	175	194	12.0	8.5
EPTC200-685-DA	204	226	12.0	7.0
EPTC200-735-DA	235	261	12.0	6.0
EPTC200-785-DA	268	297	12.0	5.5
EPTC200-835-DA	303	336	12.0	5.0
EPTC200-885-DA	340	378	12.0	4.0
EPTC270-685-DA	274	300	12.0	11.5
EPTC270-735-DA	315	346	12.0	10.0
EPTC270-785-DA	360	394	12.0	9.0
EPTC270-835-DA	407	446	12.0	7.5
EPTC270-885-DA	457	501	12.0	7.0
EPTC270-935-DA	510	560	12.0	6.0
EPTC270-985-DA	566	621	12.0	5.5
EPTC270-1050-DA	643	706	12.0	5.0

M.A.W.P* - Maximum Allowable Working Pressure
(The pressure applicable to a fully stroked actuator against the mechanicals)

M.O.P* - Maximum Operating Pressure
(The pressure required for the maximum operating torques of the actuator)

Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTC106-200	S1	5.7	6.4	12.0	12.0
	S2	5.7	6.4	12.0	12.0
	S3	5.7	6.4	12.0	12.0
EPTC106-240	S2	8.2	9.2	12.0	10.5
	S3	8.2	9.2	12.0	10.5
	S4	8.2	9.2	12.0	10.5
EPTC106-295	S3	12.4	13.9	12.0	7.0
	S4	12.4	13.9	12.0	7.0
EPTC106-340	S4	16.4	18.4	12.0	5.0
EPTC108-295	S1	16.1	18.2	12.0	12.0
	S2	16.1	18.2	12.0	12.0
	S3	16.1	18.2	12.0	12.0
EPTC108-340	S2	21.4	24.2	12.0	10.5
	S3	21.4	24.2	12.0	10.5
	S4	21.4	24.2	12.0	10.5
EPTC108-385	S3	27.5	31.0	12.0	8.0
	S4	27.5	31.0	12.0	8.0
	S5	27.5	31.0	12.0	8.0
EPTC108-435	S4	35.1	39.5	12.0	6.0
	S5	35.1	39.5	12.0	6.0
EPTC108-485	S5	43.6	49.1	12.0	5.0
EPTC110-385	S1	32.2	36.6	12.0	10.0
	S2	32.2	36.6	12.0	10.0
	S3	32.2	36.6	12.0	10.0
EPTC110-435	S2	41.2	46.7	12.0	8.0
	S3	41.2	46.7	12.0	8.0
	S4	41.2	46.7	12.0	8.0
EPTC110-485	S3	51	58	12.0	6.5
	S4	51	58	12.0	6.5
	S5	51	58	12.0	6.5
EPTC110-535	S4	62	71	12.0	5.0
	S5	62	71	12.0	5.0
EPTC110-585	S5	74	84	12.0	4.5
EPTC130-485	S1	67	75	12.0	11.0
	S2	67	75	12.0	11.0
	S3	67	75	12.0	11.0
EPTC130-535	S2	81	91	12.0	9.0
	S3	81	91	12.0	9.0
	S4	81	91	12.0	9.0
EPTC130-585	S3	97	109	12.0	8.0
	S4	97	109	12.0	8.0
	S5	97	109	12.0	8.0
EPTC130-635	S4	114	128	12.0	6.5
	S5	114	128	12.0	6.5
EPTC130-685	S5	133	149	12.0	5.5

M.A.W.P* - Maximum Allowable Working Pressure.
(The pressure applicable to a fully stroked actuator against the mechanicals)

M.O.P* - Maximum Operating Pressure.
(The pressure required for the maximum operating torques of the actuator)

Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTC160-535	S1	100	112	12.0	12.0
	S2	100	112	12.0	12.0
	S3	100	112	12.0	12.0
EPTC160-585	S2	119	133	12.0	10.5
	S3	119	133	12.0	10.5
	S4	119	133	12.0	10.5
EPTC160-635	S3	140	157	12.0	9.0
	S4	140	157	12.0	9.0
	S5	140	157	12.0	9.0
EPTC160-685	S4	163	183	12.0	7.5
	S5	163	183	12.0	7.5
	S6	163	183	12.0	7.5
EPTC160-735	S5	188	210	12.0	6.5
	S6	188	210	12.0	6.5
EPTC160-785	S6	214	240	12.0	5.5
EPTC200-635	S1	175	194	12.0	12.0
	S2	175	194	12.0	12.0
	S3	175	194	12.0	12.0
EPTC200-685	S2	204	226	12.0	10.5
	S3	204	226	12.0	10.5
	S4	204	226	12.0	10.5
EPTC200-735	S3	235	261	12.0	9.0
	S4	235	261	12.0	9.0
	S5	235	261	12.0	9.0
EPTC200-785	S4	268	297	12.0	8.0
	S5	268	297	12.0	8.0
	S6	268	297	12.0	8.0
	S7	268	297	12.0	8.0
EPTC200-835	S5	303	336	12.0	7.0
	S6	303	336	12.0	7.0
	S7	303	336	12.0	7.0
EPTC200-885	S6	340	378	12.0	6.0
	S7	340	378	12.0	6.0
EPTC200-985	S7	421	468	12.0	5.0
EPTC270-785	S1	360	394	12.0	12.0
	S2	360	394	12.0	12.0
	S3	360	394	12.0	12.0
	S4	360	394	12.0	12.0
	S5	360	394	12.0	12.0
EPTC270-835	S2	407	446	12.0	9.0
	S3	407	446	12.0	9.0
	S4	407	446	12.0	9.5
	S5	407	446	12.0	10.0
	S6	407	446	12.0	10.0
EPTC270-885	S2	457	501	12.0	10.0
	S3	457	501	12.0	10.0
	S4	457	501	12.0	10.0
	S5	457	501	12.0	10.0
EPTC270-935	S3	510	560	12.0	9.0
	S4	510	560	12.0	9.0
	S5	510	560	12.0	9.0
EPTC270-985	S4	566	621	12.0	8.0
	S5	566	621	12.0	8.0
EPTC270-1050	S5	643	706	12.0	6.5

Performance Data

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Performance Data EP-Series Canted

Double Acting Actuators

Model	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
	Open	Close		
EPTSC106Z-200-DA	4.8	5.5	12.0	12.0
EPTSC106Z-240-DA	6.9	7.9	12.0	8.3
EPTSC106Z-295-DA	10.4	12.0	12.0	5.5
EPTSC106Z-340-DA	13.8	15.9	12.0	4.1
EPTSC108Z-240-DA	9.0	10.4	12.0	12.0
EPTSC108Z-295-DA	13.6	15.7	12.0	10.2
EPTSC108Z-340-DA	18.1	20.8	12.0	7.7
EPTSC108Z-385-DA	23.2	26.7	12.0	6.0
EPTSC108Z-435-DA	29.6	34.1	12.0	4.7
EPTSC110Z-295-DA	16.1	18.6	12.0	12.0
EPTSC110Z-340-DA	21.4	24.7	12.0	10.3
EPTSC110Z-385-DA	27.5	31.7	12.0	8.0
EPTSC110Z-435-DA	35.1	40.4	12.0	6.2
EPTSC110Z-485-DA	43.6	50.3	12.0	5.0
EPTSC110Z-535-DA	53.1	61.1	12.0	4.1
EPTSC130Z-385-DA	35.7	41.0	12.0	12.0
EPTSC130Z-435-DA	45.6	52.3	12.0	10.3
EPTSC130Z-485-DA	56.6	65.0	12.0	8.3
EPTSC130Z-535-DA	68.9	79.1	12.0	6.8
EPTSC130Z-585-DA	82.4	94.6	12.0	5.7
EPTSC130Z-635-DA	97.1	111.5	12.0	4.8
EPTSC130BZ-435-DA	45.6	52.3	12.0	11.5
EPTSC130BZ-485-DA	56.6	65.0	12.0	9.2
EPTSC130BZ-535-DA	68.9	79.1	12.0	7.6
EPTSC130BZ-585-DA	82.4	94.6	12.0	6.3
EPTSC130BZ-635-DA	97.1	111.5	12.0	5.4
EPTSC160Z-435-DA	56	63	12.0	12.0
EPTSC160Z-485-DA	69	79	12.0	10.3
EPTSC160Z-535-DA	84	96	12.0	8.5
EPTSC160Z-585-DA	101	115	12.0	7.1
EPTSC160Z-635-DA	118	135	12.0	6.0
EPTSC160Z-685-DA	138	157	12.0	5.1
EPTSC160Z-735-DA	159	181	12.0	4.5
EPTSC160BZ-485-DA	69	79	12.0	12.0
EPTSC160BZ-535-DA	84	96	12.0	10.5
EPTSC160BZ-585-DA	101	115	12.0	8.7
EPTSC160BZ-635-DA	118	136	12.0	7.4
EPTSC160BZ-685-DA	138	158	12.0	6.4
EPTSC200Z-535-DA	105	119	12.0	12.0
EPTSC200Z-585-DA	126	142	12.0	10.1
EPTSC200Z-635-DA	148	168	12.0	8.6
EPTSC200Z-685-DA	172	195	12.0	7.4
EPTSC200Z-735-DA	199	224	12.0	6.4
EPTSC200Z-785-DA	227	256	12.0	5.6
EPTSC200Z-835-DA	256	290	12.0	5.0
EPTSC200Z-885-DA	288	325	12.0	4.4

Performance Data

Performance Data EP-Series Canted

Double Acting Actuators

Model	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
	Open	Close		
EPTSC200BZ-685-DA	174	200	12.0	12.0
EPTSC200BZ-735-DA	200	231	12.0	10.4
EPTSC200BZ-785-DA	228	263	12.0	9.1
EPTSC200BZ-835-DA	258	298	12.0	8.0
EPTSC200BZ-885-DA	290	335	12.0	7.1
EPTSC200BZ-935-DA	323	374	12.0	6.4
EPTSC200BZ-985-DA	359	415	12.0	5.7
EPTSC240Z-785-DA	270	305	12.0	12.0
EPTSC240Z-835-DA	305	346	12.0	10.6
EPTSC240Z-885-DA	343	388	12.0	9.4
EPTSC240Z-935-DA	382	433	12.0	8.4
EPTSC240Z-985-DA	424	481	12.0	7.6
EPTSC240Z-1050-DA	482	546	12.0	6.7
EPTSC240Z-1100-DA	529	600	12.0	6.0
EPTSC240Z-1150-DA	579	655	12.0	5.5
EPTSC270Z-685-DA	230	257	12.0	11.8
EPTSC270Z-735-DA	265	296	12.0	10.2
EPTSC270Z-785-DA	302	337	12.0	9.0
EPTSC270Z-835-DA	342	382	12.0	7.9
EPTSC270Z-885-DA	384	429	12.0	7.1
EPTSC270Z-935-DA	428	479	12.0	6.3
EPTSC270Z-985-DA	475	531	12.0	5.7
EPTSC270Z-1050-DA	540	604	12.0	5.0
EPTSC270BZ-935-DA	434	492	12.0	11.3
EPTSC270BZ-985-DA	482	546	12.0	10.2
EPTSC270BZ-1050-DA	547	620	12.0	9.0
EPTSC270BZ-1100-DA	601	680	12.0	8.2
EPTSC270BZ-1150-DA	656	744	12.0	7.5
EPTSC270BZ-1200-DA	715	810	12.0	6.9
EPTSC270BZ-1250-DA	776	879	12.0	6.3
EPTSC270BZ-1300-DA	839	950	12.0	5.8
EPTSC270BZ-1350-DA	905	1025	12.0	5.4
EPTSC270BZ-1400-DA	973	1102	12.0	5.0
EPTSC320Z-985-DA	565	630	12.0	12.0
EPTSC320Z-1050-DA	642	716	12.0	11.0
EPTSC320Z-1100-DA	705	786	12.0	10.1
EPTSC320Z-1150-DA	771	859	12.0	9.2
EPTSC320Z-1200-DA	839	935	12.0	8.4
EPTSC320Z-1250-DA	911	1015	12.0	7.8
EPTSC320Z-1300-DA	985	1098	12.0	7.2
EPTSC320Z-1350-DA	1062	1184	12.0	6.7
EPTSC320Z-1400-DA	1142	1273	12.0	6.2
EPTSC320Z-1450-DA	1225	1366	12.0	5.8
EPTSC320Z-1500-DA	1311	1461	12.0	5.4

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Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTSC106Z-200	S1	4.8	5.5	12.0	12.0
	S2	4.8	5.5	12.0	12.0
	S3	4.8	5.5	12.0	12.0
EPTSC106Z-240	S1	6.9	7.9	12.0	9.5
	S2	6.9	7.9	12.0	9.9
	S3	6.9	7.9	12.0	10.7
	S4	6.9	7.9	12.0	11.4
EPTSC106Z-295	S2	10.4	12.0	12.0	6.5
	S3	10.4	12.0	12.0	7.1
	S4	10.4	12.0	12.0	7.5
EPTSC106Z-340	S3	13.8	15.9	12.0	5.3
	S4	13.8	15.9	12.0	5.7
EPTSC108Z-240	S0	9.0	10.4	12.0	12.0
	S1	9.0	10.4	12.0	12.0
	S2	9.0	10.4	12.0	12.0
EPTSC108Z-295	S0	13.6	15.7	12.0	11.3
	S1	13.6	15.7	12.0	11.8
	S2	13.6	15.7	12.0	12.0
	S3	13.6	15.7	12.0	12.0
EPTSC108Z-340	S1	18.1	20.8	12.0	8.9
	S2	18.1	20.8	12.0	9.2
	S3	18.1	20.8	12.0	9.7
	S4	18.1	20.8	12.0	10.2
	S5	18.1	20.8	12.0	10.6
EPTSC108Z-385	S1	23.2	26.7	12.0	6.8
	S2	23.2	26.7	12.0	7.3
	S3	23.2	26.7	12.0	7.5
	S4	23.2	26.7	12.0	7.9
	S5	23.2	26.7	12.0	8.4
EPTSC108Z-435	S3	29.6	34.1	12.0	5.9
	S4	29.6	34.1	12.0	6.2
	S5	29.6	34.1	12.0	6.5
EPTSC108Z-485	S4	36.9	42.4	12.0	5.0
	S5	36.9	42.4	12.0	5.2
EPTSC110Z-340	S0	21.4	24.7	12.0	11.6
	S1	21.4	24.7	12.0	12.0
	S2	21.4	24.7	12.0	12.0
	S3	21.4	24.7	12.0	12.0
EPTSC110Z-385	S0	27.5	31.7	12.0	9.2
	S1	27.5	31.7	12.0	9.4
	S2	27.5	31.7	12.0	9.9
	S3	27.5	31.7	12.0	10.5
	S4	27.5	31.7	12.0	11.0
	S5	27.5	31.7	12.0	11.5

Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTSC110Z-435	S1	35.1	40.4	12.0	7.5
	S2	35.1	40.4	12.0	7.8
	S3	35.1	40.4	12.0	8.2
	S4	35.1	40.4	12.0	8.6
	S5	35.1	40.4	12.0	9.0
EPTSC110Z-485	S1	43.6	50.3	12.0	6.0
	S2	43.6	50.3	12.0	6.3
	S3	43.6	50.3	12.0	6.6
	S4	43.6	50.3	12.0	6.9
	S5	43.6	50.3	12.0	7.3
EPTSC110Z-535	S2	53.1	61.1	12.0	5.1
	S3	53.1	61.1	12.0	5.4
	S4	53.1	61.1	12.0	5.7
	S5	53.1	61.1	12.0	6.0
EPTSC110Z-585	S3	63.4	73.1	12.0	4.5
	S4	63.4	73.1	12.0	4.7
	S5	63.4	73.1	12.0	5.0
EPTSC110Z-635	S4	74.7	86.1	12.0	4.1
	S5	74.7	86.1	12.0	4.3
EPTSC130Z-385	SL	35.7	41.0	12.0	12.0
	S0	35.7	41.0	12.0	12.0
	S1	35.7	41.0	12.0	12.0
	S2	35.7	41.0	12.0	12.0
EPTSC130Z-435	SL	45.6	52.3	12.0	11.4
	S0	45.6	52.3	12.0	11.7
	S1	45.6	52.3	12.0	12.0
	S2	45.6	52.3	12.0	12.0
	S3	45.6	52.3	12.0	12.0
EPTSC130Z-485	SL	56.6	65.0	12.0	9.2
	S0	56.6	65.0	12.0	9.4
	S1	56.6	65.0	12.0	9.8
	S2	56.6	65.0	12.0	10.0
	S3	56.6	65.0	12.0	10.4
	S4	56.6	65.0	12.0	10.8
	S5	56.6	65.0	12.0	11.1
EPTSC130Z-535	S0	68.9	79.1	12.0	7.8
	S1	68.9	79.1	12.0	8.0
	S2	68.9	79.1	12.0	8.2
	S3	68.9	79.1	12.0	8.5
	S4	68.9	79.1	12.0	8.8
	S5	68.9	79.1	12.0	9.3
EPTSC130Z-585	S1	82.4	94.6	12.0	6.7
	S2	82.4	94.6	12.0	6.9
	S3	82.4	94.6	12.0	7.1
	S4	82.4	94.6	12.0	7.4
	S5	82.4	94.6	12.0	7.8

Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTSC130Z-635	S2	97.1	111.5	12.0	5.9
	S3	97.1	111.5	12.0	6.1
	S4	97.1	111.5	12.0	6.3
	S5	97.1	111.5	12.0	6.6
EPTSC130Z-685	S3	113.0	129.7	12.0	5.2
	S4	113.0	129.7	12.0	5.4
	S5	113.0	129.7	12.0	5.7
EPTSC130Z-735	S5	130.0	149.4	12.0	4.9
EPTSC130BZ-485	S6	56.6	65.0	12.0	12.0
EPTSC130BZ-535	S6	68.9	79.1	12.0	10.3
EPTSC130BZ-585	S6	82.4	94.6	12.0	8.6
EPTSC130BZ-635	S6	97.1	111.5	12.0	7.2
EPTSC130BZ-685	S6	113.0	129.7	12.0	6.2
EPTSC130BZ-735	S6	130.0	149.4	12.0	5.4
EPTSC130BZ-785	S6	148.3	170.4	12.0	4.8
EPTSC160Z-485	S1	69	79	12.0	12.0
	S2	69	79	12.0	12.0
	S3	69	79	12.0	12.0
	S4	69	79	12.0	12.0
EPTSC160Z-535	S1	84	96	12.0	9.9
	S2	84	96	12.0	10.3
	S3	84	96	12.0	10.6
	S4	84	96	12.0	11.0
	S5	84	96	12.0	11.4
	S6	84	96	12.0	11.8
EPTSC160Z-585	S1	101	115	12.0	8.3
	S2	101	115	12.0	8.6
	S3	101	115	12.0	8.9
	S4	101	115	12.0	9.2
	S5	101	115	12.0	9.5
	S6	101	115	12.0	9.8
EPTSC160Z-635	S2	118	135	12.0	7.3
	S3	118	135	12.0	7.5
	S4	118	135	12.0	7.8
	S5	118	135	12.0	8.1
	S6	118	135	12.0	8.3
EPTSC160Z-685	S2	138	157	12.0	6.3
	S3	138	157	12.0	6.4
	S4	138	157	12.0	6.7
	S5	138	157	12.0	6.9
	S6	138	157	12.0	7.1
EPTSC160Z-735	S2	159	181	12.0	5.5
	S3	159	181	12.0	5.6
	S4	159	181	12.0	5.8
	S5	159	181	12.0	6.0
	S6	159	181	12.0	6.2
EPTSC160Z-785	S4	181	207	12.0	5.1
	S5	181	207	12.0	5.3
	S6	181	207	12.0	5.4

Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTSC160BZ-585	S7	101	115	12.0	11.8
	S8	101	115	12.0	12.0
EPTSC160BZ-635	S7	118	136	12.0	10.0
	S8	118	136	12.0	10.7
EPTSC160BZ-685	S7	138	158	12.0	8.6
	S8	138	158	12.0	9.1
EPTSC160BZ-735	S7	159	182	12.0	7.5
	S8	159	182	12.0	7.9
EPTSC160BZ-785	S7	181	207	12.0	6.5
	S8	181	207	12.0	7.0
EPTSC160BZ-835	S7	205	234	12.0	5.8
	S8	205	234	12.0	6.1
EPTSC200Z-585	S1	126	142	12.0	12.0
	S2	126	142	12.0	12.0
	S3	126	142	12.0	12.0
	S4	126	142	12.0	12.0
	S5	126	142	12.0	12.0
EPTSC200Z-635	S1	148	168	12.0	10.2
	S2	148	168	12.0	10.4
	S3	148	168	12.0	10.7
	S4	148	168	12.0	11.0
	S5	148	168	12.0	11.5
	S6	148	168	12.0	11.7
	S7	148	168	12.0	12.0
EPTSC200Z-685	S1	172	195	12.0	8.7
	S2	172	195	12.0	9.0
	S3	172	195	12.0	9.2
	S4	172	195	12.0	9.4
	S5	172	195	12.0	9.8
	S6	172	195	12.0	10.0
	S7	172	195	12.0	10.5
EPTSC200Z-735	S1	199	224	12.0	7.6
	S2	199	224	12.0	7.8
	S3	199	224	12.0	8.0
	S4	199	224	12.0	8.2
	S5	199	224	12.0	8.5
	S6	199	224	12.0	8.7
	S7	199	224	12.0	9.1
EPTSC200Z-785	S2	227	256	12.0	6.8
	S3	227	256	12.0	7.0
	S4	227	256	12.0	7.2
	S5	227	256	12.0	7.5
	S6	227	256	12.0	7.6
	S7	227	256	12.0	8.0
EPTSC200Z-835	S3	256	290	12.0	6.2
	S4	256	290	12.0	6.3
	S5	256	290	12.0	6.6
	S6	256	290	12.0	6.7
	S7	256	290	12.0	7.1

Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTSC200Z-885	S4	288	325	12.0	5.6
	S5	288	325	12.0	5.9
	S6	288	325	12.0	6.0
	S7	288	325	12.0	6.3
EPTSC200Z-935	S4	321	363	12.0	5.0
	S5	321	363	12.0	5.3
	S6	321	363	12.0	5.3
	S7	321	363	12.0	5.6
EPTSC200Z-985	S5	357	403	12.0	4.7
	S6	357	403	12.0	4.8
	S7	357	403	12.0	5.1
EPTSC200BZ-785	S8	228	263	12.0	12.0
	S9	228	263	12.0	12.0
EPTSC200BZ-835	S8	258	298	12.0	10.6
	S9	258	298	12.0	11.2
EPTSC200BZ-885	S8	290	335	12.0	9.4
	S9	290	335	12.0	9.9
EPTSC200BZ-935	S8	323	374	12.0	8.4
	S9	323	374	12.0	8.9
EPTSC200BZ-985	S8	359	415	12.0	7.6
	S9	359	415	12.0	8.0
EPTSC200BZ-1050	S8	408	471	12.0	6.7
	S9	408	471	12.0	7.0
EPTSC200BZ-1100	S8	448	517	12.0	6.1
	S9	448	517	12.0	6.4
EPTSC200BZ-1150	S8	489	565	12.0	5.6
	S9	489	565	12.0	5.9
EPTSC200BZ-1200	S8	533	615	12.0	5.1
	S9	533	615	12.0	5.4
EPTSC240Z-835	S1	305	346	12.0	12.0
	S2	305	346	12.0	12.0
	S3	305	346	12.0	12.0
EPTSC240Z-885	S1	343	388	12.0	11.5
	S2	343	388	12.0	12.0
	S3	343	388	12.0	12.0
EPTSC240Z-935	S1	382	433	12.0	10.4
	S2	382	433	12.0	10.8
	S3	382	433	12.0	11.1
EPTSC240Z-985	S1	424	481	12.0	9.3
	S2	424	481	12.0	9.7
	S3	424	481	12.0	10.1
EPTSC240Z-1050	S1	482	546	12.0	8.2
	S2	482	546	12.0	8.5
	S3	482	546	12.0	8.9
EPTSC240Z-1100	S1	529	600	12.0	7.4
	S2	529	600	12.0	7.7
	S3	529	600	12.0	8.1

Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTSC240Z-1150	S1	579	655	12.0	6.8
	S2	579	655	12.0	7.1
	S3	579	655	12.0	7.4
EPTSC240Z-1200	S1	630	714	12.0	6.3
	S2	630	714	12.0	6.5
	S3	630	714	12.0	6.8
EPTSC240Z-1250	S1	684	774	12.0	5.8
	S2	684	774	12.0	6.0
	S3	684	774	12.0	6.3
EPTSC240Z-1300	S2	739	838	12.0	5.5
	S3	739	838	12.0	5.8
EPTSC270Z-735	S1	265	296	12.0	12.0
	S2	265	296	12.0	12.0
	S3	265	296	12.0	12.0
	S4	265	296	12.0	12.0
	S5	265	296	12.0	12.0
	S6	265	296	12.0	12.0
EPTSC270Z-785	S1	302	337	12.0	10.6
	S2	302	337	12.0	10.8
	S3	302	337	12.0	11.0
	S4	302	337	12.0	11.2
	S5	302	337	12.0	11.4
	S6	302	337	12.0	11.6
	S7	302	337	12.0	12.0
EPTSC270Z-835	S1	342	382	12.0	9.5
	S2	342	382	12.0	9.5
	S3	342	382	12.0	9.7
	S4	342	382	12.0	9.9
	S5	342	382	12.0	10.1
	S6	342	382	12.0	10.3
	S7	342	382	12.0	10.6
EPTSC270Z-885	S1	384	429	12.0	8.3
	S2	384	429	12.0	8.5
	S3	384	429	12.0	8.6
	S4	384	429	12.0	8.8
	S5	384	429	12.0	9.0
	S6	384	429	12.0	9.2
	S7	384	429	12.0	9.5
EPTSC270Z-935	S1	428	479	12.0	7.4
	S2	428	479	12.0	7.6
	S3	428	479	12.0	7.8
	S4	428	479	12.0	7.9
	S5	428	479	12.0	8.0
	S6	428	479	12.0	8.2
	S7	428	479	12.0	8.5

Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTSC270Z-985	S1	475	531	12.0	6.7
	S2	475	531	12.0	6.8
	S3	475	531	12.0	7.0
	S4	475	531	12.0	7.1
	S5	475	531	12.0	7.2
	S6	475	531	12.0	7.4
	S7	475	531	12.0	7.6
EPTSC270Z-1050	S3	540	604	12.0	6.1
	S4	540	604	12.0	6.2
	S5	540	604	12.0	6.4
	S6	540	604	12.0	6.5
	S7	540	604	12.0	6.7
EPTSC270BZ-935	S1	434	492	12.0	12.0
	S2	434	492	12.0	12.0
	S3	434	492	12.0	12.0
	S4	434	492	12.0	12.0
	S5	434	492	12.0	12.0
	S6	434	492	12.0	12.0
EPTSC270BZ-985	S1	482	546	12.0	12.0
	S2	482	546	12.0	12.0
	S3	482	546	12.0	12.0
	S4	482	546	12.0	12.0
	S5	482	546	12.0	12.0
	S6	482	546	12.0	12.0
	S7	482	546	12.0	12.0
EPTSC270BZ-1050	S1	547	620	12.0	10.8
	S2	547	620	12.0	10.9
	S3	547	620	12.0	10.9
	S4	547	620	12.0	11.1
	S5	547	620	12.0	11.2
	S6	547	620	12.0	11.4
	S7	547	620	12.0	11.6
EPTSC270BZ-1100	S1	601	680	12.0	9.8
	S2	601	680	12.0	9.9
	S3	601	680	12.0	9.9
	S4	601	680	12.0	10.1
	S5	601	680	12.0	10.2
	S6	601	680	12.0	10.4
	S7	601	680	12.0	10.6
EPTSC270BZ-1150	S1	656	744	12.0	9.0
	S2	656	744	12.0	9.1
	S3	656	744	12.0	9.1
	S4	656	744	12.0	9.2
	S5	656	744	12.0	9.3
	S6	656	744	12.0	9.5
	S7	656	744	12.0	9.7

Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTSC270BZ-1200	S1	715	810	12.0	8.2
	S2	715	810	12.0	8.3
	S3	715	810	12.0	8.4
	S4	715	810	12.0	8.5
	S5	715	810	12.0	8.5
	S6	715	810	12.0	8.7
	S7	715	810	12.0	8.9
EPTSC270BZ-1250	S1	776	879	12.0	7.6
	S2	776	879	12.0	7.7
	S3	776	879	12.0	7.7
	S4	776	879	12.0	7.8
	S5	776	879	12.0	7.9
	S6	776	879	12.0	8.0
	S7	776	879	12.0	8.2
EPTSC270BZ-1300	S1	839	950	12.0	7.0
	S2	839	950	12.0	7.1
	S3	839	950	12.0	7.1
	S4	839	950	12.0	7.2
	S5	839	950	12.0	7.3
	S6	839	950	12.0	7.4
	S7	839	950	12.0	7.6
EPTSC270BZ-1350	S2	905	1025	12.0	6.6
	S3	905	1025	12.0	6.6
	S4	905	1025	12.0	6.7
	S5	905	1025	12.0	6.8
	S6	905	1025	12.0	6.9
	S7	905	1025	12.0	7.0
EPTSC270BZ-1400	S4	973	1102	12.0	6.2
	S5	973	1102	12.0	6.3
	S6	973	1102	12.0	6.4
	S7	973	1102	12.0	6.5
EPTSC270BZ-1450	S4	1044	1182	12.0	5.8
	S5	1044	1182	12.0	5.9
	S6	1044	1182	12.0	6.0
	S7	1044	1182	12.0	6.1
EPTSC270BZ-1500	S6	1117	1265	12.0	5.6
	S7	1117	1265	12.0	5.7
EPTSC320Z-985	S1	565	630	12.0	12.0
	S2	565	630	12.0	12.0
	S3	565	630	12.0	12.0
EPTSC320Z-1050	S1	642	716	12.0	12.0
	S2	642	716	12.0	12.0
	S3	642	716	12.0	12.0
	S4	642	716	12.0	12.0

Performance Data EP-Series Canted

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTSC320Z-1100	S1	705	786	12.0	11.8
	S2	705	786	12.0	12.0
	S3	705	786	12.0	12.0
	S4	705	786	12.0	12.0
EPTSC320Z-1150	S1	771	859	12.0	10.9
	S2	771	859	12.0	11.2
	S3	771	859	12.0	11.4
	S4	771	859	12.0	11.6
EPTSC320Z-1200	S1	839	935	12.0	10.0
	S2	839	935	12.0	10.3
	S3	839	935	12.0	10.5
	S4	839	935	12.0	10.7
EPTSC320Z-1250	S1	911	1015	12.0	9.2
	S2	911	1015	12.0	9.5
	S3	911	1015	12.0	9.7
	S4	911	1015	12.0	9.8
EPTSC320Z-1300	S1	985	1098	12.0	8.5
	S2	985	1098	12.0	8.8
	S3	985	1098	12.0	8.9
	S4	985	1098	12.0	9.1
EPTSC320Z-1350	S1	1062	1184	12.0	7.9
	S2	1062	1184	12.0	8.1
	S3	1062	1184	12.0	8.3
	S4	1062	1184	12.0	8.4
EPTSC320Z-1400	S1	1142	1273	12.0	7.3
	S2	1142	1273	12.0	7.6
	S3	1142	1273	12.0	7.7
	S4	1142	1273	12.0	7.8
EPTSC320Z-1450	S1	1225	1366	12.0	6.9
	S2	1225	1366	12.0	7.1
	S3	1225	1366	12.0	7.2
	S4	1225	1366	12.0	7.3
EPTSC320Z-1500	S1	1311	1461	12.0	6.4
	S2	1311	1461	12.0	6.6
	S3	1311	1461	12.0	6.7
	S4	1311	1461	12.0	6.8
EPTSC320Z-1550	S2	1400	1560	12.0	6.2
	S3	1400	1560	12.0	6.3
	S4	1400	1560	12.0	6.4
EPTSC320Z-1600	S2	1492	1663	12.0	5.8
	S3	1492	1663	12.0	5.9
	S4	1492	1663	12.0	6.0

M.A.W.P* - Maximum Allowable Working Pressure.
(The pressure applicable to a fully stroked actuator against the mechanicals)

M.O.P* - Maximum Operating Pressure.
(The pressure required for the maximum operating torques of the actuator)

Performance Data EP-Series Symmetric

Double Acting Actuators

Model	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
	Open	Close		
EPTS106-200-DA	4.8	5.5	12.0	12.0
EPTS106-240-DA	6.9	7.9	12.0	8.3
EPTS106-295-DA	10.4	12.0	12.0	5.5
EPTS106-340-DA	13.8	15.9	12.0	4.1
EPTS108-240-DA	9.0	10.4	12.0	12.0
EPTS108-295-DA	13.6	15.7	12.0	10.2
EPTS108-340-DA	18.1	20.8	12.0	7.7
EPTS108-385-DA	23.2	26.7	12.0	6.0
EPTS108-435-DA	29.6	34.1	12.0	4.7
EPTS110-295-DA	16.1	18.6	12.0	12.0
EPTS110-340-DA	21.4	24.7	12.0	10.3
EPTS110-385-DA	27.5	31.7	12.0	8.0
EPTS110-435-DA	35.1	40.4	12.0	6.2
EPTS110-485-DA	43.6	50.3	12.0	5.0
EPTS110-535-DA	53.1	61.1	12.0	4.1
EPTS130-385-DA	35.7	41.0	12.0	12.0
EPTS130-435-DA	45.6	52.3	12.0	10.3
EPTS130-485-DA	56.6	65.0	12.0	8.3
EPTS130-535-DA	68.9	79.1	12.0	6.8
EPTS130-585-DA	82.4	94.6	12.0	5.7
EPTS130-635-DA	97.1	111.5	12.0	4.8
EPTS130B-435-DA	45.6	52.3	12.0	11.5
EPTS130B-485-DA	56.6	65.0	12.0	9.2
EPTS130B-535-DA	68.9	79.1	12.0	7.6
EPTS130B-585-DA	82.4	94.6	12.0	6.3
EPTS130B-635-DA	97.1	111.5	12.0	5.4
EPTS160-435-DA	56	63	12.0	12.0
EPTS160-485-DA	69	79	12.0	10.3
EPTS160-535-DA	84	96	12.0	8.5
EPTS160-585-DA	101	115	12.0	7.1
EPTS160-635-DA	118	135	12.0	6.0
EPTS160-685-DA	138	157	12.0	5.1
EPTS160-735-DA	159	181	12.0	4.5
EPTS160B-485-DA	69	79	12.0	12.0
EPTS160B-535-DA	84	96	12.0	10.5
EPTS160B-585-DA	101	115	12.0	8.7
EPTS160B-635-DA	118	136	12.0	7.4
EPTS160B-685-DA	138	158	12.0	6.4
EPTS200-535-DA	105	119	12.0	12.0
EPTS200-585-DA	126	142	12.0	10.1
EPTS200-635-DA	148	168	12.0	8.6
EPTS200-685-DA	172	195	12.0	7.4
EPTS200-735-DA	199	224	12.0	6.4
EPTS200-785-DA	227	256	12.0	5.6
EPTS200-835-DA	256	290	12.0	5.0
EPTS200-885-DA	288	325	12.0	4.4

Performance Data

Performance Data EP-Series Symmetric

Double Acting Actuators

Model	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
	Open	Close		
EPTS200B-685-DA	174	200	12.0	12.0
EPTS200B-735-DA	200	231	12.0	10.4
EPTS200B-785-DA	228	263	12.0	9.1
EPTS200B-835-DA	258	298	12.0	8.0
EPTS200B-885-DA	290	335	12.0	7.1
EPTS200B-935-DA	323	374	12.0	6.4
EPTS200B-985-DA	359	415	12.0	5.7
EPTS240-785-DA	270	305	12.0	12.0
EPTS240-835-DA	305	346	12.0	10.6
EPTS240-885-DA	343	388	12.0	9.4
EPTS240-935-DA	382	433	12.0	8.4
EPTS240-985-DA	424	481	12.0	7.6
EPTS240-1050-DA	482	546	12.0	6.7
EPTS240-1100-DA	529	600	12.0	6.0
EPTS240-1150-DA	579	655	12.0	5.5
EPTS270-685-DA	230	257	12.0	11.8
EPTS270-735-DA	265	296	12.0	10.2
EPTS270-785-DA	302	337	12.0	9.0
EPTS270-835-DA	342	382	12.0	7.9
EPTS270-885-DA	384	429	12.0	7.1
EPTS270-935-DA	428	479	12.0	6.3
EPTS270-985-DA	475	531	12.0	5.7
EPTS270-1050-DA	540	604	12.0	5.0
EPTS270B-935-DA	434	492	12.0	11.3
EPTS270B-985-DA	482	546	12.0	10.2
EPTS270B-1050-DA	547	620	12.0	9.0
EPTS270B-1100-DA	601	680	12.0	8.2
EPTS270B-1150-DA	656	744	12.0	7.5
EPTS270B-1200-DA	715	810	12.0	6.9
EPTS270B-1250-DA	776	879	12.0	6.3
EPTS270B-1300-DA	839	950	12.0	5.8
EPTS270B-1350-DA	905	1025	12.0	5.4
EPTS270B-1400-DA	973	1102	12.0	5.0
EPTS320-985-DA	565	630	12.0	12.0
EPTS320-1050-DA	642	716	12.0	11.0
EPTS320-1100-DA	705	786	12.0	10.1
EPTS320-1150-DA	771	859	12.0	9.2
EPTS320-1200-DA	839	935	12.0	8.4
EPTS320-1250-DA	911	1015	12.0	7.8
EPTS320-1300-DA	985	1098	12.0	7.2
EPTS320-1350-DA	1062	1184	12.0	6.7
EPTS320-1400-DA	1142	1273	12.0	6.2
EPTS320-1450-DA	1225	1366	12.0	5.8
EPTS320-1500-DA	1311	1461	12.0	5.4

M.A.W.P* - Maximum Allowable Working Pressure.
(The pressure applicable to a fully stroked actuator against the mechanicals)

M.O.P* - Maximum Operating Pressure.
(The pressure required for the maximum operating torques of the actuator)

Performance Data EP-Series Symmetric

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTS106-200	S1	4.8	5.5	12.0	12.0
	S2	4.8	5.5	12.0	12.0
	S3	4.8	5.5	12.0	12.0
EPTS106-240	S1	6.9	7.9	12.0	9.5
	S2	6.9	7.9	12.0	9.9
	S3	6.9	7.9	12.0	10.7
	S4	6.9	7.9	12.0	11.4
EPTS106-295	S2	10.4	12.0	12.0	6.5
	S3	10.4	12.0	12.0	7.1
	S4	10.4	12.0	12.0	7.5
EPTS106-340	S3	13.8	15.9	12.0	5.3
	S4	13.8	15.9	12.0	5.7
EPTS108-240	S0	9.0	10.4	12.0	12.0
	S1	9.0	10.4	12.0	12.0
	S2	9.0	10.4	12.0	12.0
EPTS108-295	S0	13.6	15.7	12.0	11.3
	S1	13.6	15.7	12.0	11.8
	S2	13.6	15.7	12.0	12.0
	S3	13.6	15.7	12.0	12.0
EPTS108-340	S1	18.1	20.8	12.0	8.9
	S2	18.1	20.8	12.0	9.2
	S3	18.1	20.8	12.0	9.7
	S4	18.1	20.8	12.0	10.2
	S5	18.1	20.8	12.0	10.6
EPTS108-385	S1	23.2	26.7	12.0	6.8
	S2	23.2	26.7	12.0	7.3
	S3	23.2	26.7	12.0	7.5
	S4	23.2	26.7	12.0	7.9
	S5	23.2	26.7	12.0	8.4
EPTS108-435	S3	29.6	34.1	12.0	5.9
	S4	29.6	34.1	12.0	6.2
	S5	29.6	34.1	12.0	6.5
EPTS108-485	S3	36.9	42.4	12.0	4.7
	S4	36.9	42.4	12.0	5.0
	S5	36.9	42.4	12.0	5.2
EPTS110-340	S0	21.4	24.7	12.0	11.6
	S1	21.4	24.7	12.0	12.0
	S2	21.4	24.7	12.0	12.0
	S3	21.4	24.7	12.0	12.0
EPTS110-385	S0	27.5	31.7	12.0	9.2
	S1	27.5	31.7	12.0	9.4
	S2	27.5	31.7	12.0	9.9
	S3	27.5	31.7	12.0	10.5
	S4	27.5	31.7	12.0	11.0

Performance Data EP-Series Symmetric

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTS110-435	S1	35.1	40.4	12.0	7.5
	S2	35.1	40.4	12.0	7.8
	S3	35.1	40.4	12.0	8.2
	S4	35.1	40.4	12.0	8.6
	S5	35.1	40.4	12.0	9.0
EPTS110-485	S2	43.6	50.3	12.0	6.3
	S3	43.6	50.3	12.0	6.6
	S4	43.6	50.3	12.0	6.9
	S5	43.6	50.3	12.0	7.3
EPTS110-535	S2	53.1	61.1	12.0	5.1
	S3	53.1	61.1	12.0	5.4
	S4	53.1	61.1	12.0	5.7
	S5	53.1	61.1	12.0	6.0
EPTS110-585	S3	63.4	73.1	12.0	4.5
	S4	63.4	73.1	12.0	4.7
	S5	63.4	73.1	12.0	5.0
EPTS110-635	S4	74.7	86.1	12.0	4.1
	S5	74.7	86.1	12.0	4.3
EPTS130-385	SL	35.7	41.0	12.0	12.0
	S0	35.7	41.0	12.0	12.0
	S1	35.7	41.0	12.0	12.0
	S2	35.7	41.0	12.0	12.0
EPTS130-435	SL	45.6	52.3	12.0	11.4
	S0	45.6	52.3	12.0	11.7
	S1	45.6	52.3	12.0	12.0
	S2	45.6	52.3	12.0	12.0
	S3	45.6	52.3	12.0	12.0
EPTS130-485	SL	56.6	65.0	12.0	9.2
	S0	56.6	65.0	12.0	9.4
	S1	56.6	65.0	12.0	9.8
	S2	56.6	65.0	12.0	10.0
	S3	56.6	65.0	12.0	10.4
	S4	56.6	65.0	12.0	10.8
EPTS130-535	S0	68.9	79.1	12.0	7.8
	S1	68.9	79.1	12.0	8.0
	S2	68.9	79.1	12.0	8.2
	S3	68.9	79.1	12.0	8.5
	S4	68.9	79.1	12.0	8.8
	S5	68.9	79.1	12.0	9.3
EPTS130-585	S1	82.4	94.6	12.0	6.7
	S2	82.4	94.6	12.0	6.9
	S3	82.4	94.6	12.0	7.1
	S4	82.4	94.6	12.0	7.4
	S5	82.4	94.6	12.0	7.8

Performance Data EP-Series Symmetric

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTS130-635	S2	97.1	111.5	12.0	5.9
	S3	97.1	111.5	12.0	6.1
	S4	97.1	111.5	12.0	6.3
	S5	97.1	111.5	12.0	6.6
EPTS130-685	S3	113.0	129.7	12.0	5.2
	S4	113.0	129.7	12.0	5.4
	S5	113.0	129.7	12.0	5.7
EPTS130-735	S5	130.0	149.4	12.0	4.9
EPTS130B-485	S6	56.6	65.0	12.0	12.0
EPTS130B-535	S6	68.9	79.1	12.0	10.3
EPTS130B-585	S6	82.4	94.6	12.0	8.6
EPTS130B-635	S6	97.1	111.5	12.0	7.2
EPTS130B-685	S6	113.0	129.7	12.0	6.2
EPTS130B-735	S6	130.0	149.4	12.0	5.4
EPTS130B-785	S6	148.3	170.4	12.0	4.8
EPTS160-485	S1	69	79	12.0	12.0
	S2	69	79	12.0	12.0
	S3	69	79	12.0	12.0
	S4	69	79	12.0	12.0
EPTS160-535	S1	84	96	12.0	9.9
	S2	84	96	12.0	10.3
	S3	84	96	12.0	10.6
	S4	84	96	12.0	11.0
	S5	84	96	12.0	11.4
	S6	84	96	12.0	11.8
EPTS160-585	S1	101	115	12.0	8.3
	S2	101	115	12.0	8.6
	S3	101	115	12.0	8.9
	S4	101	115	12.0	9.2
	S5	101	115	12.0	9.5
	S6	101	115	12.0	9.8
EPTS160-635	S2	118	135	12.0	7.3
	S3	118	135	12.0	7.5
	S4	118	135	12.0	7.8
	S5	118	135	12.0	8.1
	S6	118	135	12.0	8.3
EPTS160-685	S2	138	157	12.0	6.3
	S3	138	157	12.0	6.4
	S4	138	157	12.0	6.7
	S5	138	157	12.0	6.9
	S6	138	157	12.0	7.1
EPTS160-735	S3	159	181	12.0	5.6
	S4	159	181	12.0	5.8
	S5	159	181	12.0	6.0
	S6	159	181	12.0	6.2
EPTS160-785	S4	181	207	12.0	5.1
	S5	181	207	12.0	5.3
	S6	181	207	12.0	5.4

Performance Data EP-Series Symmetric

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTS160B-585	S7	101	115	12.0	11.8
	S8	101	115	12.0	12.0
EPTS160B-635	S7	118	136	12.0	10.0
	S8	118	136	12.0	10.7
EPTS160B-685	S7	138	158	12.0	8.6
	S8	138	158	12.0	9.1
EPTS160B-735	S7	159	182	12.0	7.5
	S8	159	182	12.0	7.9
EPTS160B-785	S7	181	207	12.0	6.5
	S8	181	207	12.0	7.0
EPTS160B-835	S7	205	234	12.0	5.8
	S8	205	234	12.0	6.1
EPTS200-585	S1	126	142	12.0	12.0
	S2	126	142	12.0	12.0
	S3	126	142	12.0	12.0
	S4	126	142	12.0	12.0
EPTS200-635	S1	148	168	12.0	10.2
	S2	148	168	12.0	10.4
	S3	148	168	12.0	10.7
	S4	148	168	12.0	11.0
	S5	148	168	12.0	11.5
	S6	148	168	12.0	11.7
EPTS200-685	S1	172	195	12.0	8.7
	S2	172	195	12.0	9.0
	S3	172	195	12.0	9.2
	S4	172	195	12.0	9.4
	S5	172	195	12.0	9.8
	S6	172	195	12.0	10.0
	S7	172	195	12.0	10.5
EPTS200-735	S1	199	224	12.0	7.6
	S2	199	224	12.0	7.8
	S3	199	224	12.0	8.0
	S4	199	224	12.0	8.2
	S5	199	224	12.0	8.5
	S6	199	224	12.0	8.7
	S7	199	224	12.0	9.1
EPTS200-785	S2	227	256	12.0	6.8
	S3	227	256	12.0	7.0
	S4	227	256	12.0	7.2
	S5	227	256	12.0	7.5
	S6	227	256	12.0	7.6
	S7	227	256	12.0	8.0
EPTS200-835	S3	256	290	12.0	6.2
	S4	256	290	12.0	6.3
	S5	256	290	12.0	6.6
	S6	256	290	12.0	6.7
	S7	256	290	12.0	7.1

Performance Data EP-Series Symmetric

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTS200-885	S4	288	325	12.0	5.6
	S5	288	325	12.0	5.9
	S6	288	325	12.0	6.0
	S7	288	325	12.0	6.3
EPTS200-935	S4	321	363	12.0	5.0
	S5	321	363	12.0	5.3
	S6	321	363	12.0	5.3
	S7	321	363	12.0	5.6
EPTS200-985	S5	357	403	12.0	4.7
	S6	357	403	12.0	4.8
	S7	357	403	12.0	5.1
EPTS200B-785	S8	228	263	12.0	12.0
	S9	228	263	12.0	12.0
EPTS200B-835	S8	258	298	12.0	10.6
	S9	258	298	12.0	11.2
EPTS200B-885	S8	290	335	12.0	9.4
	S9	290	335	12.0	9.9
EPTS200B-935	S8	323	374	12.0	8.4
	S9	323	374	12.0	8.9
EPTS200B-985	S8	359	415	12.0	7.6
	S9	359	415	12.0	8.0
EPTS200B-1050	S8	408	471	12.0	6.7
	S9	408	471	12.0	7.0
EPTS200B-1100	S8	448	517	12.0	6.1
	S9	448	517	12.0	6.4
EPTS200B-1150	S8	489	565	12.0	5.6
	S9	489	565	12.0	5.9
EPTS200B-1200	S8	533	615	12.0	5.1
	S9	533	615	12.0	5.4
EPTS240-835	S1	305	346	12.0	12.0
	S2	305	346	12.0	12.0
	S3	305	346	12.0	12.0
EPTS240-885	S1	343	388	12.0	11.5
	S2	343	388	12.0	12.0
	S3	343	388	12.0	12.0
EPTS240-935	S1	382	433	12.0	10.4
	S2	382	433	12.0	10.8
	S3	382	433	12.0	11.1
EPTS240-985	S1	424	481	12.0	9.3
	S2	424	481	12.0	9.7
	S3	424	481	12.0	10.1
EPTS240-1050	S1	482	546	12.0	8.2
	S2	482	546	12.0	8.5
	S3	482	546	12.0	8.9
EPTS240-1100	S1	529	600	12.0	7.4
	S2	529	600	12.0	7.7
	S3	529	600	12.0	8.1

Performance Data EP-Series Symmetric

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTS240-1150	S1	579	655	12.0	6.8
	S2	579	655	12.0	7.1
	S3	579	655	12.0	7.4
EPTS240-1200	S1	630	714	12.0	6.3
	S2	630	714	12.0	6.5
	S3	630	714	12.0	6.8
EPTS240-1250	S1	684	774	12.0	5.8
	S2	684	774	12.0	6.0
	S3	684	774	12.0	6.3
EPTS240-1300	S2	739	838	12.0	5.5
	S3	739	838	12.0	5.8
EPTS270-735	S1	265	296	12.0	12.0
	S2	265	296	12.0	12.0
	S3	265	296	12.0	12.0
	S4	265	296	12.0	12.0
	S5	265	296	12.0	12.0
	S6	265	296	12.0	12.0
EPTS270-785	S1	302	337	12.0	10.6
	S2	302	337	12.0	10.8
	S3	302	337	12.0	11.0
	S4	302	337	12.0	11.2
	S5	302	337	12.0	11.4
	S6	302	337	12.0	11.6
	S7	302	337	12.0	12.0
EPTS270-835	S1	342	382	12.0	9.5
	S2	342	382	12.0	9.5
	S3	342	382	12.0	9.7
	S4	342	382	12.0	9.9
	S5	342	382	12.0	10.1
	S6	342	382	12.0	10.3
	S7	342	382	12.0	10.6
EPTS270-885	S1	384	429	12.0	8.3
	S2	384	429	12.0	8.5
	S3	384	429	12.0	8.6
	S4	384	429	12.0	8.8
	S5	384	429	12.0	9.0
	S6	384	429	12.0	9.2
	S7	384	429	12.0	9.5
EPTS270-935	S1	428	479	12.0	7.4
	S2	428	479	12.0	7.6
	S3	428	479	12.0	7.8
	S4	428	479	12.0	7.9
	S5	428	479	12.0	8.0
	S6	428	479	12.0	8.2
	S7	428	479	12.0	8.5

Performance Data EP-Series Symmetric

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTS270-985	S2	475	531	12.0	6.8
	S3	475	531	12.0	7.0
	S4	475	531	12.0	7.1
	S5	475	531	12.0	7.2
	S6	475	531	12.0	7.4
	S7	475	531	12.0	7.6
EPTS270-1050	S3	540	604	12.0	6.1
	S4	540	604	12.0	6.2
	S5	540	604	12.0	6.4
	S6	540	604	12.0	6.5
	S7	540	604	12.0	6.7
EPTS270B-935	S1	434	492	12.0	12.0
	S2	434	492	12.0	12.0
	S3	434	492	12.0	12.0
	S4	434	492	12.0	12.0
	S5	434	492	12.0	12.0
	S6	434	492	12.0	12.0
EPTS270B-985	S1	482	546	12.0	12.0
	S2	482	546	12.0	12.0
	S3	482	546	12.0	12.0
	S4	482	546	12.0	12.0
	S5	482	546	12.0	12.0
	S6	482	546	12.0	12.0
	S7	482	546	12.0	12.0
EPTS270B-1050	S1	547	620	12.0	10.8
	S2	547	620	12.0	10.9
	S3	547	620	12.0	10.9
	S4	547	620	12.0	11.1
	S5	547	620	12.0	11.2
	S6	547	620	12.0	11.4
	S7	547	620	12.0	11.6
EPTS270B-1100	S1	601	680	12.0	9.8
	S2	601	680	12.0	9.9
	S3	601	680	12.0	9.9
	S4	601	680	12.0	10.1
	S5	601	680	12.0	10.2
	S6	601	680	12.0	10.4
	S7	601	680	12.0	10.6
EPTS270B-1150	S1	656	744	12.0	9.0
	S2	656	744	12.0	9.1
	S3	656	744	12.0	9.1
	S4	656	744	12.0	9.2
	S5	656	744	12.0	9.3
	S6	656	744	12.0	9.5
	S7	656	744	12.0	9.7

Performance Data EP-Series Symmetric

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTS270B-1200	S1	715	810	12.0	8.2
	S2	715	810	12.0	8.3
	S3	715	810	12.0	8.4
	S4	715	810	12.0	8.5
	S5	715	810	12.0	8.5
	S6	715	810	12.0	8.7
	S7	715	810	12.0	8.9
EPTS270B-1250	S1	776	879	12.0	7.6
	S2	776	879	12.0	7.7
	S3	776	879	12.0	7.7
	S4	776	879	12.0	7.8
	S5	776	879	12.0	7.9
	S6	776	879	12.0	8.0
	S7	776	879	12.0	8.2
EPTS270B-1300	S1	839	950	12.0	7.0
	S2	839	950	12.0	7.1
	S3	839	950	12.0	7.1
	S4	839	950	12.0	7.2
	S5	839	950	12.0	7.3
	S6	839	950	12.0	7.4
	S7	839	950	12.0	7.6
EPTS270B-1350	S2	905	1025	12.0	6.6
	S3	905	1025	12.0	6.6
	S4	905	1025	12.0	6.7
	S5	905	1025	12.0	6.8
	S6	905	1025	12.0	6.9
	S7	905	1025	12.0	7.0
EPTS270B-1400	S4	973	1102	12.0	6.2
	S5	973	1102	12.0	6.3
	S6	973	1102	12.0	6.4
	S7	973	1102	12.0	6.5
EPTS270B-1450	S4	1044	1182	12.0	5.8
	S5	1044	1182	12.0	5.9
	S6	1044	1182	12.0	6.0
	S7	1044	1182	12.0	6.1
EPTS270B-1500	S6	1117	1265	12.0	5.6
	S7	1117	1265	12.0	5.7
EPTS320-985	S1	565	630	12.0	12.0
	S2	565	630	12.0	12.0
	S3	565	630	12.0	12.0
EPTS320-1050	S1	642	716	12.0	12.0
	S2	642	716	12.0	12.0
	S3	642	716	12.0	12.0
	S4	642	716	12.0	12.0

Performance Data EP-Series Symmetric

Spring Return Actuators

Model	Spring Side Number	Volume (ℓ)		MAWP* (bar)	MOP* (bar)
		Open	Close		
EPTS320-1100	S1	705	786	12.0	11.8
	S2	705	786	12.0	12.0
	S3	705	786	12.0	12.0
	S4	705	786	12.0	12.0
EPTS320-1150	S1	771	859	12.0	10.9
	S2	771	859	12.0	11.2
	S3	771	859	12.0	11.4
	S4	771	859	12.0	11.6
EPTS320-1200	S1	839	935	12.0	10.0
	S2	839	935	12.0	10.3
	S3	839	935	12.0	10.5
	S4	839	935	12.0	10.7
EPTS320-1250	S1	911	1015	12.0	9.2
	S2	911	1015	12.0	9.5
	S3	911	1015	12.0	9.7
	S4	911	1015	12.0	9.8
EPTS320-1300	S1	985	1098	12.0	8.5
	S2	985	1098	12.0	8.8
	S3	985	1098	12.0	8.9
	S4	985	1098	12.0	9.1
EPTS320-1350	S1	1062	1184	12.0	7.9
	S2	1062	1184	12.0	8.1
	S3	1062	1184	12.0	8.3
	S4	1062	1184	12.0	8.4
EPTS320-1400	S1	1142	1273	12.0	7.3
	S2	1142	1273	12.0	7.6
	S3	1142	1273	12.0	7.7
	S4	1142	1273	12.0	7.8
EPTS320-1450	S1	1225	1366	12.0	6.9
	S2	1225	1366	12.0	7.1
	S3	1225	1366	12.0	7.2
	S4	1225	1366	12.0	7.3
EPTS320-1500	S1	1311	1461	12.0	6.4
	S2	1311	1461	12.0	6.6
	S3	1311	1461	12.0	6.7
	S4	1311	1461	12.0	6.8
EPTS320-1550	S2	1400	1560	12.0	6.2
	S3	1400	1560	12.0	6.3
	S4	1400	1560	12.0	6.4
EPTS320-1600	S2	1492	1663	12.0	5.8
	S3	1492	1663	12.0	5.9
	S4	1492	1663	12.0	6.0

M.A.W.P* - Maximum Allowable Working Pressure.
(The pressure applicable to a fully stroked actuator against the mechanicals)

M.O.P* - Maximum Operating Pressure.
(The pressure required for the maximum operating torques of the actuator)