

FLOWBUS[®]



TECHNICAL DATA

EPL-SERIES | PNEUMATIC LINEAR ACTUATOR

Performance Data EPL-Series

Double Acting Actuators

Model	Standard Stroke (mm)	Volume (ℓ)		MAWP* (bar)	MOP* (bar)	Approximate Weight (Kg)
		Open	Close			
EPL-0055-DA	50	0.1	0.1	12	12	1.9
EPL-0070-DA	50	0.2	0.2	12	12	2.9
EPL-0081-DA	50	0.3	0.3	12	12	4.3
EPL-0093-DA	50	0.4	0.3	12	12	5.7
EPL-0105-DA	50	0.5	0.4	12	12	7.8
EPL-0130-DA	50	0.7	0.7	12	12	12.7
EPL-0155-DA	50	1.0	0.9	12	12	17.3
EPL-0205-DA	50	1.7	1.7	12	12	27.8
EPL-0255-DA	50	2.7	2.6	12	12	50.7
EPL-0305-DA	50	3.8	3.7	12	12	68.9
EPL-0340-DA	50	4.8	4.5	12	12	97.9
EPL-0385-DA	50	6.1	5.8	12	12	144.1
EPL-0435-DA	75	11.7	11.1	12	12	210.7
EPL-0485-DA	75	14.5	13.9	12	12	285.7
EPL-0535-DA	75	17.7	16.9	12	12	370.7
EPL-0585-DA	75	21.2	20.2	12	12	463.7
EPL-0635-DA	75	24.9	23.8	12	12	600.4
EPL-0685-DA	75	29.0	27.6	12	12	742.5
EPL-0735-DA	125	55.7	53.0	12	12	896.1
EPL-0785-DA	125	63.5	60.5	12	12	1110.8
EPL-0835-DA	125	71.9	68.4	12	12	1309.9

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)

If you need difference types of strokes, please consult Flowbus.

Performance Data EPL-Series

Spring Return Actuators

Model	Standard Stroke (mm)	Volume (ℓ)		MAWP* (bar)	MOP* (bar)	Approximate Weight(kg)	
		Fail Close	Fail Open			Fail Close	Fail Open
EPL-0055-S1	50	0.1	0.1	12	10.5	2.6	2.6
EPL-0055-S2	50	0.1	0.1	12	10.5	2.7	2.7
EPL-0070-S1	50	0.2	0.2	12	10.5	4.1	4.1
EPL-0070-S2	50	0.2	0.2	12	10.5	4.1	4.1
EPL-0081-S1	50	0.3	0.3	12	10.5	6.0	6.0
EPL-0081-S2	50	0.3	0.3	12	10.5	6.1	6.1
EPL-0093-S1	50	0.3	0.3	12	10.5	7.9	7.9
EPL-0093-S2	50	0.3	0.3	12	10.5	8.0	8.0
EPL-0105-S1	50	0.4	0.4	12	10.5	10.8	10.9
EPL-0105-S2	50	0.4	0.4	12	10.5	10.8	11.0
EPL-0130-S1	50	0.7	0.7	12	10.5	17.4	17.6
EPL-0130-S2	50	0.7	0.7	12	10.5	17.7	17.9
EPL-0155-S1	50	0.9	1.0	12	10.5	24.3	24.4
EPL-0155-S2	50	0.9	1.0	12	10.5	24.6	24.7
EPL-0205-S1	50	1.7	1.7	12	10.5	36.8	37.9
EPL-0205-S2	50	1.7	1.7	12	10.5	37.1	38.2
EPL-0255-S1	50	2.6	2.6	12	10.5	70.3	70.6
EPL-0255-S2	50	2.6	2.6	12	10.5	71.6	71.9
EPL-0305-S1	50	3.7	3.8	12	10.5	90.5	91.1
EPL-0305-S2	50	3.7	3.8	12	10.5	92.0	92.6
EPL-0340-S1	50	4.5	4.7	12	10.5	141.6	143.4
EPL-0340-S2	50	4.5	4.7	12	10.5	143.6	145.4
EPL-0385-S1	50	5.8	6.0	12	10.5	179.8	180.8
EPL-0385-S2	50	5.8	6.0	12	10.5	187.0	188.1
EPL-0435-S1	75	11.1	11.5	12	10.5	258.6	258.5
EPL-0435-S2	75	11.1	11.5	12	10.5	260.6	260.5
EPL-0485-S1	75	13.9	14.3	12	10.5	350.4	349.4
EPL-0485-S2	75	13.9	14.3	12	10.5	352.5	351.5
EPL-0535-S1	75	16.9	17.4	12	10.5	468.8	466.1
EPL-0535-S2	75	16.9	17.4	12	10.5	470.1	467.4
EPL-0585-S1	75	20.2	20.8	12	10.5	573.2	564.6
EPL-0585-S2	75	20.2	20.8	12	10.5	579.2	570.6
EPL-0635-S1	75	23.8	24.5	12	10.5	734.5	724.4
EPL-0635-S2	75	23.8	24.5	12	10.5	747.0	736.9
EPL-0685-S1	75	27.6	28.5	12	10.5	907.3	903.5
EPL-0685-S2	75	27.6	28.5	12	10.5	920.3	916.5
EPL-0735-S1	125	53.0	54.6	12	10.5	1154.7	1140.8
EPL-0735-S2	125	53.0	54.6	12	10.5	1143.4	1129.5
EPL-0785-S1	125	60.5	62.3	12	10.5	1402.7	1396.5
EPL-0785-S2	125	60.5	62.3	12	10.5	1397.1	1390.9
EPL-0835-S1	125	68.4	70.5	12	10.5	1642.9	1646.5
EPL-0835-S2	125	68.4	70.5	12	10.5	1635.5	1639.0

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