

# Performance Data EPL-Series

## Double Acting Actuators

Model	Stroke (mm)	Volume (ℓ)		MAWP* (bar)	MOP* (bar)	Approximate Weight (Kg)
		Open	Close			
<b>EPL-0055-DA</b>	50	0.1	0.1	12	12	2.0
	75	0.2	0.2	12	12	2.1
	100	0.2	0.2	12	12	2.3
	125	0.3	0.3	12	12	2.4
<b>EPL-0070-DA</b>	50	0.2	0.2	12	12	3.1
	75	0.3	0.3	12	12	3.4
	100	0.4	0.4	12	12	3.7
	125	0.5	0.5	12	12	3.9
<b>EPL-0081-DA</b>	50	0.3	0.3	12	12	4.4
	75	0.4	0.4	12	12	4.8
	100	0.5	0.5	12	12	5.2
	125	0.7	0.6	12	12	5.6
<b>EPL-0093-DA</b>	50	0.4	0.3	12	12	6.3
	75	0.5	0.5	12	12	6.8
	100	0.7	0.7	12	12	7.2
	125	0.9	0.8	12	12	7.7
<b>EPL-0105-DA</b>	50	0.5	0.4	12	12	8.5
	75	0.7	0.6	12	12	9.1
	100	0.9	0.9	12	12	9.6
	125	1.1	1.1	12	12	10.2
<b>EPL-0130-DA</b>	75	1.0	1.0	12	12	14.3
	100	1.4	1.3	12	12	14.5
	125	1.7	1.7	12	12	15.6
	150	2.1	2.0	12	12	16.2
<b>EPL-0155-DA</b>	75	1.5	1.4	12	12	20.1
	100	2.0	1.9	12	12	21.0
	125	2.5	2.4	12	12	21.9
	150	3.0	2.8	12	12	22.9
<b>EPL-0205-DA</b>	75	2.6	2.5	12	12	34.5
	100	3.5	3.3	12	12	35.6
	125	4.3	4.1	12	12	36.7
	150	5.2	5.0	12	12	37.8
<b>EPL-0255-DA</b>	100	5.4	5.1	12	12	52.5
	125	6.7	6.4	12	12	54.0
	150	8.0	7.7	12	12	55.6
	200	10.7	10.2	12	12	58.7
<b>EPL-0305-DA</b>	100	7.7	7.3	12	12	83.2
	125	9.6	9.1	12	12	85.2
	150	11.5	11.0	12	12	87.3
	200	15.3	14.6	12	12	91.3
<b>EPL-0340-DA</b>	125	11.9	11.3	12	12	117.8
	150	14.3	13.6	12	12	120.5
	200	19.1	18.2	12	12	125.8
	250	23.8	22.7	12	12	131.0

Performance Data

# Performance Data EPL-Series

## Double Acting Actuators

Model	Stroke (mm)	Volume (ℓ)		MAWP* (bar)	MOP* (bar)	Approximate Weight (Kg)
		Open	Close			
<b>EPL-0385-DA</b>	125	15.3	14.6	12	12	177.1
	150	18.3	17.5	12	12	181.0
	200	24.4	23.3	12	12	188.7
	250	30.6	29.1	12	12	196.4
<b>EPL-0435-DA</b>	125	19.5	18.6	12	12	244.1
	150	23.4	22.3	12	12	249.0
	200	31.2	29.7	12	12	258.6
	250	39.0	37.2	12	12	268.3
<b>EPL-0485-DA</b>	125	24.2	23.1	12	12	327.7
	150	29.1	27.7	12	12	333.4
	200	38.8	36.9	12	12	344.7
	250	48.5	46.2	12	12	356.0
<b>EPL-0535-DA</b>	200	47.2	45.0	12	12	443.9
	250	59.0	56.2	12	12	456.4
	300	70.8	67.4	12	12	469.2
	350	82.6	78.7	12	12	481.7
<b>EPL-0585-DA</b>	200	56.4	53.8	12	12	548.3
	250	70.6	67.2	12	12	563.5
	300	84.7	80.6	12	12	578.8
	350	98.8	94.1	12	12	594.1
<b>EPL-0635-DA</b>	300	83.1	79.2	12	12	721.0
	350	99.8	95.0	12	12	737.9
	400	116.4	110.8	12	12	754.4
	450	133.0	126.7	12	12	771.2
<b>EPL-0685-DA</b>	300	116.1	110.6	12	12	887.2
	350	135.4	129.0	12	12	907.8
	400	154.8	147.4	12	12	928.4
	450	174.1	165.8	12	12	949.1
<b>EPL-0735-DA</b>	300	133.7	127.3	12	12	1083.0
	350	155.9	148.5	12	12	1106.1
	400	178.2	169.7	12	12	1129.1
	450	200.5	190.9	12	12	1152.2
<b>EPL-0785-DA</b>	300	152.5	145.2	12	12	1309.4
	350	177.9	169.4	12	12	1334.8
	400	203.3	193.6	12	12	1360.2
	450	228.7	217.8	12	12	1385.5
<b>EPL-0835-DA</b>	300	172.5	164.3	12	12	1533.8
	350	201.2	191.7	12	12	1559.5
	400	230.0	219.0	12	12	1585.5
	450	258.7	246.4	12	12	1611.0

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 EPL-Series

## Spring Return Actuators

Model	Stroke (mm)	Volume (ℓ)		MAWP* (bar)	MOP* (bar)	Approximate Weight(Kg)
		Open	Close			
<b>EPL-0055-S1</b>	50	0.1	0.1	12	12	3.2
	75	0.2	0.2	12	12	3.8
	100	0.2	0.2	12	12	4.4
	125	0.3	0.3	12	12	5.0
<b>EPL-0055-S2</b>	50	0.1	0.1	12	12	3.3
	75	0.2	0.2	12	12	3.9
	100	0.2	0.2	12	12	4.5
	125	0.3	0.3	12	12	5.1
<b>EPL-0070-S1</b>	50	0.2	0.2	12	12	5.4
	75	0.3	0.3	12	12	6.2
	100	0.4	0.4	12	12	7.1
	125	0.5	0.5	12	12	7.9
<b>EPL-0070-S2</b>	50	0.2	0.2	12	12	5.5
	75	0.3	0.3	12	12	6.3
	100	0.4	0.4	12	12	7.1
	125	0.5	0.5	12	12	8.0
<b>EPL-0081-S1</b>	50	0.3	0.3	12	12	7.5
	75	0.4	0.4	12	12	8.5
	100	0.5	0.5	12	12	9.6
	125	0.6	0.7	12	12	10.7
<b>EPL-0081-S2</b>	50	0.3	0.3	12	12	7.5
	75	0.4	0.4	12	12	8.6
	100	0.5	0.5	12	12	9.7
	125	0.6	0.7	12	12	10.8
<b>EPL-0093-S1</b>	50	0.3	0.3	12	12	10.4
	75	0.5	0.5	12	12	11.7
	100	0.7	0.7	12	12	13.0
	125	0.8	0.9	12	12	14.3
<b>EPL-0093-S2</b>	50	0.3	0.3	12	12	10.5
	75	0.5	0.5	12	12	11.8
	100	0.7	0.7	12	12	13.1
	125	0.8	0.9	12	12	14.4
<b>EPL-0105-S1</b>	50	0.4	0.4	12	12	13.5
	75	0.6	0.7	12	12	15.1
	100	0.9	0.9	12	12	16.6
	125	1.1	1.1	12	12	18.2
<b>EPL-0105-S2</b>	50	0.4	0.4	12	12	13.6
	75	0.6	0.7	12	12	15.1
	100	0.9	0.9	12	12	16.6
	125	1.1	1.1	12	12	18.3
<b>EPL-0130-S1</b>	75	1.0	1.0	12	12	24.1
	100	1.3	1.4	12	12	26.1
	125	1.7	1.7	12	12	29.1
	150	2.0	2.1	12	12	31.4

# Performance Data EPL-Series

## Spring Return Actuators

Model	Stroke (mm)	Volume (ℓ)		MAWP* (bar)	MOP* (bar)	Approximate Weight(Kg)
		Open	Close			
<b>EPL-0130-S2</b>	75	1.0	1.0	12	12	24.5
	100	1.3	1.4	12	12	26.6
	125	1.7	1.7	12	12	29.7
	150	2.0	2.1	12	12	32.1
<b>EPL-0155-S1</b>	75	1.4	1.5	12	12	34.2
	100	1.9	1.9	12	12	37.2
	125	2.4	2.4	12	12	40.1
	150	2.8	2.9	12	12	43.1
<b>EPL-0155-S2</b>	75	1.4	1.5	12	12	34.6
	100	1.9	1.9	12	12	37.7
	125	2.4	2.4	12	12	40.7
	150	2.8	2.9	12	12	43.7
<b>EPL-0205-S1</b>	75	2.5	2.5	12	12	60.8
	100	3.3	3.4	12	12	64.9
	125	4.1	4.2	12	12	68.9
	150	5.0	5.1	12	12	72.9
<b>EPL-0205-S2</b>	75	2.5	2.5	12	12	61.1
	100	3.3	3.4	12	12	65.2
	125	4.1	4.2	12	12	69.2
	150	5.0	5.1	12	12	73.2
<b>EPL-0255-S1</b>	100	5.1	5.3	12	12	95.9
	125	6.4	6.6	12	12	102.3
	150	7.7	7.9	12	12	108.8
	200	10.2	10.5	12	12	121.5
<b>EPL-0255-S2</b>	100	5.1	5.3	12	12	96.0
	125	6.4	6.6	12	12	102.3
	150	7.7	7.9	12	12	108.8
	200	10.2	10.5	12	12	121.5
<b>EPL-0305-S1</b>	100	7.3	7.5	12	12	148.5
	125	9.1	9.4	12	12	156.8
	150	11.0	11.3	12	12	165.2
	200	14.6	15.1	12	12	181.9
<b>EPL-0305-S2</b>	100	7.3	7.5	12	12	148.4
	125	9.1	9.4	12	12	156.6
	150	11.0	11.3	12	12	164.8
	200	14.6	15.1	12	12	181.1
<b>EPL-0340-S1</b>	125	11.3	11.7	12	12	201.9
	150	13.6	14.0	12	12	212.4
	200	18.2	18.7	12	12	233.1
	250	22.7	23.4	12	12	253.8
<b>EPL-0340-S2</b>	125	11.3	11.7	12	12	204.2
	150	13.6	14.0	12	12	215.2
	200	18.2	18.7	12	12	236.3
	250	22.7	23.4	12	12	263.4

# Performance Data EPL-Series

## Spring Return Actuators

Model	Stroke (mm)	Volume (ℓ)		MAWP* (bar)	MOP* (bar)	Approximate Weight(Kg)
		Open	Close			
<b>EPL-0385-S1</b>	125	14.6	15.0	12	12	290.4
	150	17.5	18.0	12	12	304.0
	200	23.3	24.0	12	12	331.3
	250	29.1	30.0	12	12	359.2
<b>EPL-0385-S2</b>	125	14.6	15.0	12	12	292.8
	150	17.5	18.0	12	12	306.3
	200	23.3	24.0	12	12	334.1
	250	29.1	30.0	12	12	362.3
<b>EPL-0435-S1</b>	125	18.6	19.1	12	12	411.3
	150	22.3	23.0	12	12	422.7
	200	29.7	30.6	12	12	445.3
	250	37.2	38.3	12	12	468.1
<b>EPL-0435-S2</b>	125	18.6	19.1	12	12	413.6
	150	22.3	23.0	12	12	425.4
	200	29.7	30.6	12	12	447.8
	250	37.2	38.3	12	12	470.6
<b>EPL-0485-S1</b>	125	23.1	23.8	12	12	539.0
	150	27.7	28.5	12	12	552.1
	200	36.9	38.1	12	12	578.5
	250	46.2	47.6	12	12	605.4
<b>EPL-0485-S2</b>	125	23.1	23.8	12	12	545.6
	150	27.7	28.5	12	12	559.6
	200	36.9	38.1	12	12	587.5
	250	46.2	47.6	12	12	615.4
<b>EPL-0535-S1</b>	200	45.0	46.3	12	12	714.8
	250	56.2	57.9	12	12	761.8
	300	67.4	69.5	12	12	809.1
	350	78.7	81.0	12	12	857.4
<b>EPL-0535-S2</b>	200	45.0	46.3	12	12	723.4
	250	56.2	57.9	12	12	772.2
	300	67.4	69.5	12	12	820.6
	350	78.7	81.0	12	12	868.7
<b>EPL-0585-S1</b>	200	53.8	55.4	12	12	941.9
	250	67.2	69.2	12	12	982.7
	300	80.6	83.1	12	12	1022.7
	350	94.1	96.9	12	12	1061.9
<b>EPL-0585-S2</b>	200	53.8	55.4	12	12	951.2
	250	67.2	69.2	12	12	992.5
	300	80.6	83.1	12	12	1032.9
	350	94.1	96.9	12	12	1076.3
<b>EPL-0635-S1</b>	300	79.2	81.5	12	12	1175.1
	350	95.0	97.9	12	12	1243.9
	400	110.8	114.2	12	12	1310.4
	450	126.7	130.5	12	12	1377.1

# Performance Data EPL-Series

## Spring Return Actuators

Model	Stroke (mm)	Volume (ℓ)		MAWP* (bar)	MOP* (bar)	Approximate Weight(Kg)
		Open	Close			
<b>EPL-0635-S2</b>	300	79.2	81.5	12	12	1186.1
	350	95.0	97.9	12	12	1253.1
	400	110.8	114.2	12	12	1319.7
	450	126.7	130.5	12	12	1388.9
<b>EPL-0685-S1</b>	300	110.6	113.9	12	12	1490.1
	350	129.0	132.9	12	12	1542.1
	400	147.4	151.8	12	12	1597.1
	450	165.8	170.8	12	12	1649.5
<b>EPL-0685-S2</b>	300	110.6	113.9	12	12	1498.1
	350	129.0	132.9	12	12	1551.3
	400	147.4	151.8	12	12	1604.9
	450	165.8	170.8	12	12	1657.1
<b>EPL-0735-S1</b>	300	127.3	131.1	12	12	1709.8
	350	148.5	153.0	12	12	1766.6
	400	169.7	174.8	12	12	1823.8
	450	190.9	196.7	12	12	1881.0
<b>EPL-0735-S2</b>	300	127.3	131.1	12	12	1732.9
	350	148.5	153.0	12	12	1791.7
	400	169.7	174.8	12	12	1850.9
	450	190.9	196.7	12	12	1908.5
<b>EPL-0785-S1</b>	300	145.2	149.6	12	12	1989.8
	350	169.4	174.5	12	12	2053.6
	400	193.6	199.4	12	12	2115.5
	450	217.8	224.3	12	12	2179.0
<b>EPL-0785-S2</b>	300	145.2	149.6	12	12	2013.0
	350	169.4	174.5	12	12	2078.8
	400	193.6	199.4	12	12	2144.4
	450	217.8	224.3	12	12	2208.2
<b>EPL-0835-S1</b>	300	164.3	169.2	12	12	2354.9
	350	191.7	197.4	12	12	2454.6
	400	219.0	225.6	12	12	2554.8
	450	246.4	253.8	12	12	2654.3
<b>EPL-0835-S2</b>	300	164.3	169.2	12	12	2412.5
	350	191.7	197.4	12	12	2517.7
	400	219.0	225.6	12	12	2625.6
	450	246.4	253.8	12	12	2730.7

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)