

Subject to change without notice

VALVE AUTOMATION SYSTEMS		ELECTRIC ACTUATOR - TECHNICAL DATA												
			ELS-18	ELS-25	EL-55	EL-100	EL-150	EL-200	EL-350	EL-500	EL-800	ELD-1200	ELD-1600	ELD-2500
Torque (Nm)	break	18	25	55	100	150	200	350	500	800	1200	1600	2500	
	run	14	20	20	35	53	70	123	175	280	420	560	875	
Torque (in.lb)	break	160	221	487	885	1.328	1.77	3.098	4.425	7.081	10.621	14.161	22.125	
	run	124	177	177	310	465	620	1.084	1.548	2.478	3.717	4.956	7.744	
Op. Time (S)	50 Hz	6.5	9.5	6	7.5	9	13.5	22	25.5	25.5	25.5	25.5	28	
	60 Hz	5.5	7.5	5	6	7.5	11.5	18	21.5	21.5	21.5	21.5	22.5	
	DC	-	-	5	6.5	8	12	20	23	-	-	-	-	
Current (A) 120/1/60	break	0.55	0.6	1.1	2.9	2.9	2.9	2.9	2.9	4.5	14	14	58	
	run	0.45	0.5	0.6	2.1	2.1	2.1	2.1	2.1	2.8	5.8	5.8	8	
220/1/50	break	0.1	0.3	0.6	1.7	1.7	1.7	1.7	1.7	2.3	7	7	27	
	run	0.1	0.27	0.5	1.1	1.1	1.1	1.1	1.1	1.8	2.5	2.5	6	
380/3/50	break	-	-	0.4	0.7	0.7	0.7	0.7	0.7	0.9	2.8	2.8	9	
	run	-	-	0.2	0.4	0.4	0.4	0.4	0.4	0.54	0.6	0.6	1.5	
460/3/60	break	-	-	0.37	0.63	0.63	0.63	0.63	0.63	0.87	1.1	1.1	2	
	run	-	-	0.18	0.45	0.45	0.45	0.45	0.45	0.57	0.72	0.72	1.6	
24 Vdc	break	0.8	0.51	5	8	8	8	8	8	-	-	-	-	
	run	0.15	0.1	1.9	4.9	4.9	4.9	4.9	4.9	-	-	-	-	
Power consump. (W)	120/1/60	45	25	100	225	225	225	225	225	315	535	535	720	
	220/1/50	40	65	72	200	200	200	200	200	305	450	450	792	
	380/3/50	-	-	80	145	145	145	145	145	165	220	220	560	
	460/3/60	-	-	77	180	180	180	180	180	200	266	266	600	
	24Vdc	4.8	2.4	45	118	118	118	118	118	-	-	-	-	
Power factor (cos Phi)	120/1/60	-	-	0.87	0.98	0.98	0.98	0.98	0.98	0.93	0.83	0.83	0.74	
	220/1/50	0.82	0.82	0.91	0.82	0.82	0.82	0.82	0.82	0.77	0.92	0.92	0.5	
	380/3/50	-	-	0.54	0.51	0.51	0.51	0.51	0.51	0.47	0.55	0.55	0.67	
	460/3/60	-	-	0.54	0.5	0.5	0.5	0.5	0.5	0.44	0.53	0.53	0.6	
Motor speed (RPM)	50 Hz	1878	1620	1450	1425	1425	1425	1425	1425	1450	1450	1450	1450	
	60 Hz	2328	2040	1725	1725	1725	1725	1725	1725	1725	1725	1725	1725	
	24Vdc/ac	3230	4210	1600	1600	1600	1600	1600	1600	-	-	-	-	
Overall gear ratio		849/1	1070/1	1250/1	700/1	840/1	1316/1	2106/1	2480/1	2480/1	3100/1	3100/1	2600/1	
Capacitor (µF/V)	120/1/60	6.8/250	6.8/250	20/250	36/250	36/250	36/250	36/250	36/250	50/250	100/250	100/250	400/250	
	220/1/50	1.5/400	2/400	8/450	10/450	10/450	10/450	10/450	10/450	16/450	30/450	30/450	100/450	
Weight (Kg)	W-proof	2.2	2.8	6	11	11	16.5	17	25.5	26.4	37	37	75	
	Ex-proof	-	-	8	13	13	18.5	20	28.5	30	37	37	75	
Weight (Lbs)	W-proof	4.3	5.5	13	24	24	36	37.5	56	57	81.5	81.5	165	
	Ex-proof	-	-	17.5	28.5	28.5	40.5	44	62.5	66	81.5	81.5	165	