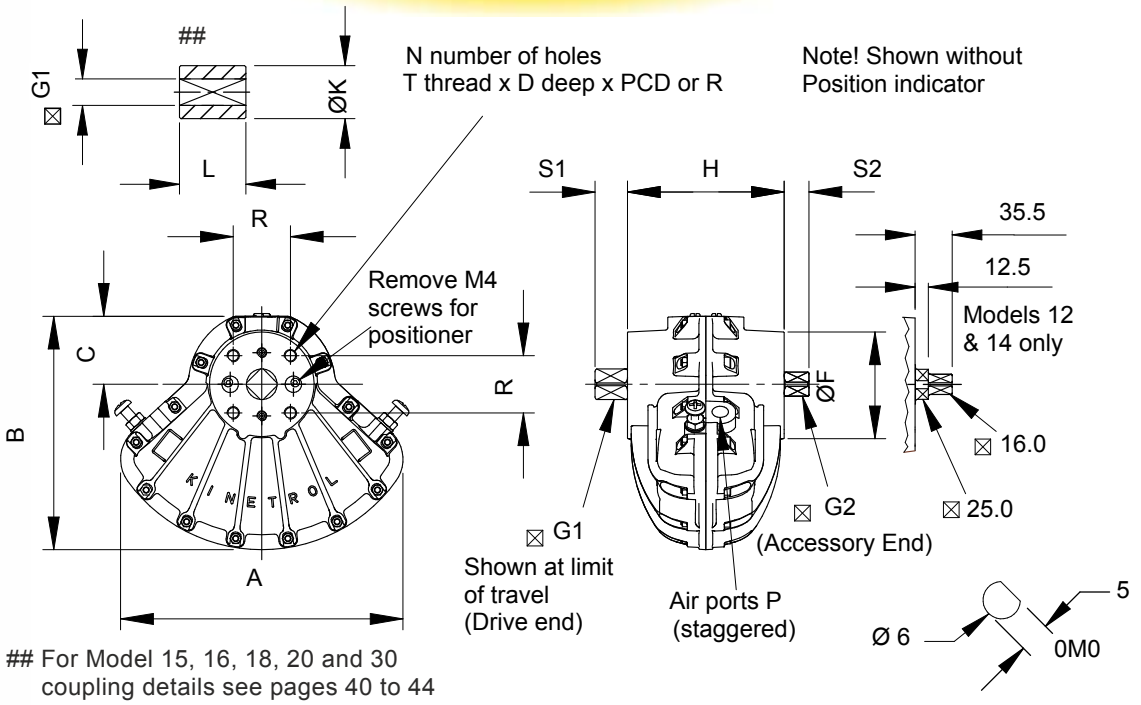
Standard Actuator



For Model 15, 16, 18, 20 and 30 coupling details see pages 40 to 44

Actuator Metric Units

Actuator Model	A mm	B mm	C mm	G1 mm	G2 mm	H mm	ØF mm	S1 mm	S2 mm	N No.	T ISO	D mm	R mm	PCD mm	P ISO	ØK mm	L mm	Wt kg †
0M0	32.0	30.7	12.5	SEE ABOVE		36.0	22.0	10.0	10.0	4	M3	5.0	-	16.0**	M5	-	-	0.12
014	72.0	59.2	14.0	4.8	4.8	38.0	26.0	12.7*	7.0	4	M4	6.0	-	19.0**	G⅛	9.5	12.7	0.29
014P	73.5	60.0	14.0	4.8	4.8	38.0	26.0	12.7*	7.0	4	Ø4.2	UNIQUE MOUNTING CRS.			G⅛	9.5	12.7	0.35
024	91.0	76.0	24.1	8.0	8.0	50.0	29.0	10.0	10.0	4	M4	8.0	18.0	25.5	G⅛	16.0	20.0	0.46
034	113.0	91.4	28.0	9.0	9.0	60.0	33.6	12.0	12.0	4	M5	10.0	22.0	31.1	G⅛	18.0	22.0	0.73
054	137.0	113.0	33.6	9.5	9.5	67.0	45.0	13.0	13.0	6	M5	10.0	-	34.9	G⅛	19.0	25.4	1.28
074	178.0	146.0	43.4	16.0	16.0	100.0	64.0	20.0	20.0	4	M8	16.0	36.0	50.9	G¼	32.0	40.0	3.30
084	208.0	167.0	46.3	17.0	16.0	110.0	65.0	19.0	20.0	4	M8	16.0	49.5	70.0	G¼	36.0	42.0	2.78
094	227.0	187.0	54.7	19.0	16.0	126.0	84.0	26.0	20.0	4	M10	20.0	46.0	65.0	G¼	38.0	50.0	4.16
124	294.0	239.0	68.0	25.0	16.0	156.0	100.0	31.0	35.5	4	M12	24.0	55.0	77.8	G⅜	50.0	56.0	7.50
144	380.0	308.0	84.0	28.6	16.0	200.0	128.0	38.0	35.5	4	M16	28.5	69.9	98.8	G½	57.0	63.5	14.10
154	433.0	353.0	101.0	36.0	16.0	245.0	170.0	41.0	35.5	4	M16	28.5	99.0	140.0	G½	70.0	80.0	22.40
164	530.0	427.0	125.0	41.0	41.0	274.0	175.0	55.0	55.0	4	M24	38.0	108.0	152.7	G½	85.0	90.0	39.77
184	680.0	554.0	162.0	57.0	57.0	360.0	286.0	78.0	78.0	4	M30	50.0	160.0	226.3	G¾	115.0	130.0	77.60
204	680.0	554.0	162.0	73.0	73.0	620.0	286.0	100.0	100.0	8	M30	50.0	160.0	226.3	G1	150.0	170.0	211.00
304	680.0	554.0	162.0	73.0	73.0	880.0	286.0	100.0	100.0	8	M30	50.0	160.0	226.3	G1	150.0	170.0	288.40

* INCLUDES PLAIN SHAFT Ø6.35 x 8 LONG

** HOLES ON CENTRE LINES

† All weights include coupling - except 103

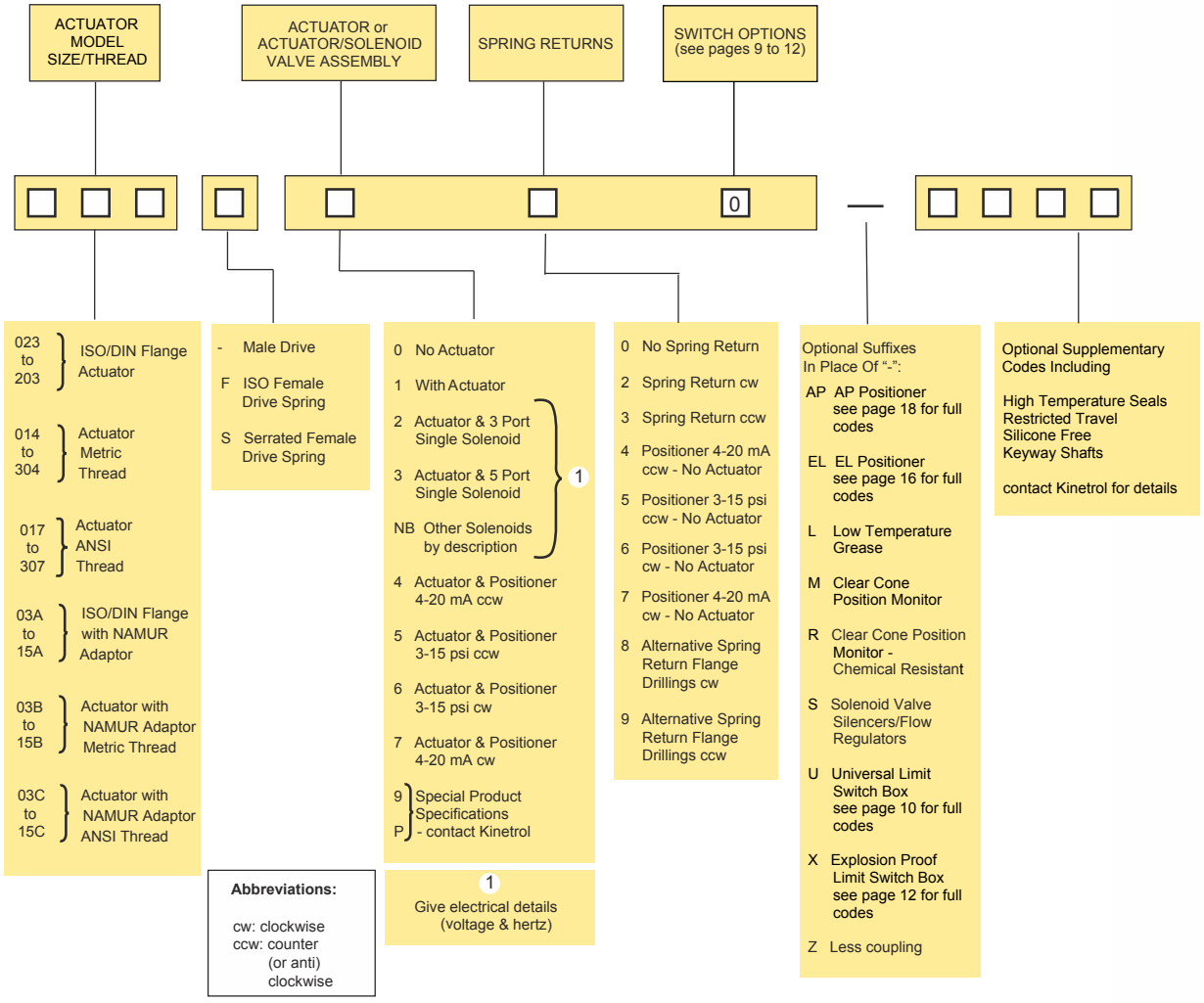
Actuator English Units

Actuator Model	A inch	B inch	C inch	G1 inch	G2 inch	H inch	ØF inch	S1 inch	S2 inch	N No.	T UNC	D inch	R inch	PCD inch	P NPT	ØK inch	L inch	Wt lb †
0M0	1.26	1.21	0.49	SEE ABOVE		1.42	0.87	0.39	0.39	4	M3	0.20	0.390	0.630	M5	-	-	0.26
017	2.83	2.33	0.55	0.187	0.19	1.50	1.02	0.50*	0.28	4	8-32	0.24	-	0.750	⅛	0.37	0.50	0.63
017P	2.89	2.36	0.55	0.187	0.19	1.50	1.02	0.50*	0.39	4	Ø0.17	UNIQUE MOUNTING CRS.			⅛	0.37	0.50	0.78
027	3.58	3.00	0.95	0.315	0.32	1.97	1.14	0.39	0.47	4	8-32	0.31	0.709	1.000	⅛	0.63	0.79	1.01
037	4.45	3.60	1.10	0.354	0.35	2.36	1.32	0.47	0.51	4	10-24	0.39	0.866	1.225	⅛	0.71	0.87	1.61
057	5.39	4.41	1.32	0.375	0.37	2.64	1.77	0.51	0.51	6	10-24	0.39	-	1.375	⅛	0.75	1.00	2.82
077	7.01	5.75	1.71	0.630	0.63	3.94	2.52	0.79	0.79	4	5/16-18	0.63	1.417	2.000	¼	1.26	1.57	7.26
087	8.21	6.57	1.82	0.669	0.63	4.33	2.56	0.75	0.79	4	5/16-18	0.63	1.949	2.756	¼	1.42	1.65	6.10
097	8.94	7.36	2.16	0.748	0.63	4.96	3.31	1.02	0.79	4	⅜-16	0.79	1.811	2.560	¼	1.50	1.97	9.15
107 #	9.00	7.40	2.20	0.866	0.63	6.89	-	0.94	0.79	4	⅜-16	0.63	2.839	4.016	¼	-	-	11.90
127	11.57	9.41	2.68	0.984	0.63	6.14	3.94	1.22	1.40	4	½-13	0.94	2.165	3.060	⅜	1.97	2.20	16.50
147	14.96	12.13	3.31	1.125	0.63	7.87	5.00	1.50	1.40	4	⅝-11	1.12	2.750	3.890	½	2.24	2.50	31.10
157	17.05	13.90	3.98	1.417	0.63	9.65	6.70	1.61	1.40	4	⅝-11	1.12	3.900	5.512	½	2.76	3.15	49.30
167	20.87	16.81	4.92	1.614	1.61	10.79	6.90	2.17	2.17	4	⅞-9	1.50	4.250	6.010	½	3.35	3.54	87.49
187	26.77	21.81	6.38	2.244	2.24	14.17	11.26	3.07	3.07	4	1⅛-7	1.97	6.300	8.910	¾	4.53	5.12	170.70
207	26.77	21.81	6.38	2.874	2.87	24.41	11.26	3.94	3.94	8	1⅛-7	1.97	6.300	8.910	1	5.91	6.69	464.20
307	26.77	21.81	6.38	2.874	2.87	34.65	11.26	3.94	3.94	8	1⅛-7	1.97	6.300	8.910	1	5.91	6.69	634.50

FEMALE DRIVE

† All weights include coupling - except 107

Kinetrol Actuators and Add-On Control Units



EXAMPLES		
A:	054-100	Double acting actuator (Metric threads) no optional supplementary items
B.	054-120M	A + spring return (fail-safe cw) + Clear Cone monitor
C.	057-100	Double acting actuator (ANSI threads)
D.	144-130-4900	144 actuator (Metric threads) + spring return fail-safe ccw (2 x 124 springs)
E.	053F100	Double acting actuator with ISO adaptor

180° Actuator ordering codes - see page 25
Damper Drive ordering codes - see page 48
Female Drive Spring Unit ordering codes - see page 7
Geared Manual Override ordering codes - see page 46
ISO Adaptor ordering codes - see page 8
Low Pressure Air Application ordering codes - see page 6
Manual & Fire Fail-Safe Unit ordering codes - see page 27
P3 On/Off Positioner ordering codes - see page 22
Spring to Centre ordering codes - see page 24