

SPRING RETURN TORQUE (Nm) DUCTILE IRON ACTUATORS

ACTUATOR	No. of Springs	Actuation by		TORQUE FROM AIR STROKE (Nm)														
		springs		40PSI 2.7 Bar		60PSI 4.1 Bar		80PSI 5.5Bar		100PSI 6.9Bar								
		End	Start	0°	90°	0°	90°	0°	90°	0°	90°							
MS-012DI	8	17	31	29.6	16	51.7	38.1											
	10	22	39	25	8.6	47	30.7	71	54.7									
	12	27	48			42.2	22.1	66.2	46.1									
	14	31	56			38.4	14.4	62.4	38.4	84.5	60.5							
	10	37	69	59.8	29.2	108	77.2											
MS-030DI	12	44	83	52.6	15.7	101	63.7	150	114									
	14	52	97	45.4	2.3	93.4	50.3	143	100									
	16	59	109			86.9	38.2	137	88.1	184	135							
	18	66	123			79.7	24.8	130	74.7	177	122							
	10	77	143	139	76	246	182											
MS-060DI	12	93	172	124	48	231	154	342	266									
	14	108	201	109	20	216	126	327	238									
	16	122	228			202	101	313	212	418	317							
	18	138	257			187	73	298	184	403	289							
	20	157	292					280	151	385	255							
MS-140DI	14	182	332	261	165	391	253											
	16	210	369	236	119	366	207	548	389									
	18	234	414	211	73	341	161	523	343									
	20	264	459			312	117	494	219	805	610							
	22	286	506			287	71	469	253	780	564							
MS-250DI	20	238	443	508	311	876	680											
	24	287	533	461	224	830	593	1213	976									
	28	335	624	414	138	783	506	1166	889									
	32	379	715			741	419	1124	802	1487	1164							
	36	428	810			694	327	1077	710	1440	1073							
MS-360DI	40	486	904			1021	620	1384	983									
	18	361	723	650	200	1165	369	1836	1040	2470	1674							
	26	521	1043			1050	450	1760	900	2550	1875							
	34	681	1362			875	200	1625	925	2300	1675							
	42	841	1682					1475	650	2150	1375							
MS-500DI	18	798	1570			2418	1661	3528	2768									
	26	1180	2330			2060	810	3400	2210	4730	3600							
	34	1550	3040					3070	1460	4370	2910							
	42	1910	3760					2670	810	4020	2260							
	28	1280	2580			2990	1360	4630	3140									
MS-750DI	40	1830	3650					4220	2270	5850	4010							
	50	2310	4610					3750	1440	5380	3190							
	58	2670	5350							4900	2280							

ACTUATED SOLUTIONS LTD

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