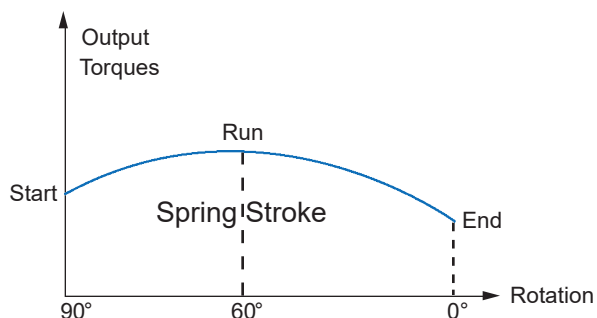
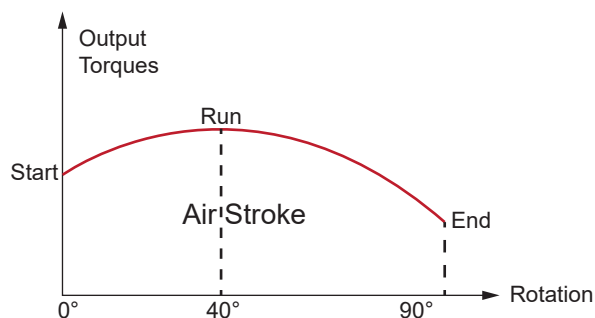


TECHNICAL DATA



ASD Actuator Output Torques (lbf.in)

Size	Air Stroke at Presure (PSI)															Spring Stroke		
	15			20			30			40			50			Start (90°)	Run (60°)	End (0°)
	Start (0°)	Run (40°)	End (90°)	Start (0°)	Run (40°)	End (90°)	Start (0°)	Run (40°)	End (90°)	Start (0°)	Run (40°)	End (90°)	Start (0°)	Run (40°)	End (90°)			
ASD2A	229	302	92	423	498	254	870	916	632							301	345	150
ASD2B1							504	339	73	698	785	366	987	1158	610	797	929	425
ASD2B2													1257	1266	314	1151	1319	575
ASD2C																1053	1274	664
ASD2D																1274	1540	797
ASD3A	549	623	201	939	1070	460	1923	2023	1062							752	858	363
ASD3B1							1007	833	275	1569	1770	872	2334	2576	1436	1593	1867	885
ASD3B2													2154	2002	987	2213	2575	1186
ASD3C																2832	3266	1434
ASD3D																3487	3965	1646
ASD4B1							1556	1767	732	2965	3549	2180	4129	5098	3321	2744	3292	1682
ASD4B2													4272	3851	1248	5036	5567	2000
ASD4C																5814	6531	2567
ASD4D																6620	7461	2965
ASD5B1							3204	2792	961	5458	6313	3209	7611	9317	5296	5947	7133	3664
ASD5B2													7181	8114	3141	8478	10045	4921
ASD5C																9107	10983	5753
ASD5D																11797	14072	7080
ASD6B1							4990	5850	1666	10847	12948	6975	14208	17933	11220	11948	14603	7965
ASD6B2													11668	13625	5834	18204	21585	10620
ASD6C																20913	24877	12390
ASD6D																24497	28984	14160





DIMENSIONS & SPECIFICATIONS

ASD Actuator Output Torques (lbf.in)

Size	Air Stroke at Pressure (PSI)												Spring Stroke		
	60			70			80			90			Start (90°)	Run (60°)	End (0°)
	Start (0°)	Run (40°)	End (90°)	Start (0°)	Run (40°)	End (90°)	Start (0°)	Run (40°)	End (90°)	Start (0°)	Run (40°)	End (90°)			
ASD2A													301	345	150
ASD2B1													797	929	425
ASD2B2	1518	1769	607	1958	2261	890							1151	1319	575
ASD2C	1179	1286	447	1371	1664	703	1660	2042	959				1053	1274	664
ASD2D				1317	1647	570	1598	1926	817	1887	2312	1063	1274	1540	797
ASD3A													752	858	363
ASD3B1													1593	1867	885
ASD3B2	2501	2885	1599	3293	3756	2199							2213	2575	1186
ASD3C	2412	2572	965	3115	3498	1558	3906	4421	2202				2832	3266	1434
ASD3D				2688	2670	926	3356	3587	1518	4501	4581	2126	3487	3965	1646
ASD4B1													2744	3292	1682
ASD4B2	5841	5993	2465	7477	8198	3738							5036	5567	2000
ASD4C	6118	6172	2233	7352	8180	3560	9694	10343	4901				5814	6531	2567
ASD4D				6204	6195	1905	7866	8354	3276	9790	10242	4324	6620	7461	2965
ASD5B1													5947	7133	3664
ASD5B2	9825	11629	5627	12461	15140	8278							8478	10045	4921
ASD5C	7378	10156	5002	11482	14117	7699	14036	17702	10209				9107	10983	5753
ASD5D				9399	10797	6765	13947	16442	9588	15709	18340	11784	11797	14072	7080
ASD6B1													11948	14603	7965
ASD6B2	16846	19177	10718	22270	27041	16022							18204	21585	10620
ASD6C	13603	14193	9825	20178	22697	15131	26038	25479	19531				20913	24877	12390
ASD6D				15710	24682	13351	24858	29137	17755	31399	37849	23922	24497	28984	14160

