

PN-SS SERIES PNEUMATIC ACTUATOR TORQUE CHARTS

SPRING RETURN TORQUE (IN. LBS)

MODEL	SPRINGS PER SIDE	SPRING TORQUE		40 PSI		60PSI		80PSI		100PSI	
	(5 STD)	END	BREAK	END	BREAK	END	BREAK	END	BREAK	END	BREAK
SS45SR	3	35	57	14	36	50	72	86	108	121	143
	4	47	77			30	60	66	96	101	131
	5	60	96					47	83	82	118
	6	71	115							63	107
SS60SR	3	67	136	35	104	120	189	206	275	291	360
	4	90	182			74	166	160	252	245	337
	5	112	227					115	230	200	315
	6	135	273							154	292
SS85SR	3	167	273	97	203	282	388	467	573	652	758
	4	223	364			191	332	376	517	561	702
	5	279	456					284	461	469	646
	6	335	547							378	590
SS105SR	3	346	574	50	278	362	590	675	903	987	1215
	4	461	766			170	475	483	788	795	1110
	5	576	956					293	673	605	985
	6	692	1141							420	869
SS125SR	3	651	1141	73	563	681	1171	1288	1778	1895	2385
	4	869	1522			300	953	907	1560	1514	2167
	5	1080	1902					527	1349	1134	1956
	6	1301	2283							753	1735
SS140SR	3	808	1859	175	1226	1192	2243	2209	3260	3226	4277
	4	1071	2487			564	1980	1581	2997	2598	4014
	5	1345	3107					961	2723	1978	3740
	6	1610	3726							1359	3475
SS160SR	3	1522	3098	4	1580	1555	3131	3106	4682	4657	6233
	4	2035	4133			520	2618	2071	4169	3622	5720
	5	2550	5169					1035	3654	2586	5205
	6	3054	6196							1559	4701

DOUBLE ACTING TORQUE (IN. LBS)

MODEL	40PSI	60PSI	80PSI	100PSI	120PSI
SS45DA	71	107	143	178	214
SS60DA	171	256	342	427	512
SS85DA	370	555	740	925	1110
SS105DA	624	936	1249	1561	1873
SS125DA	1214	1822	2429	3036	3643
SS140DA	2034	3051	4068	5085	6102
SS160DA	3102	4653	6204	7755	9306