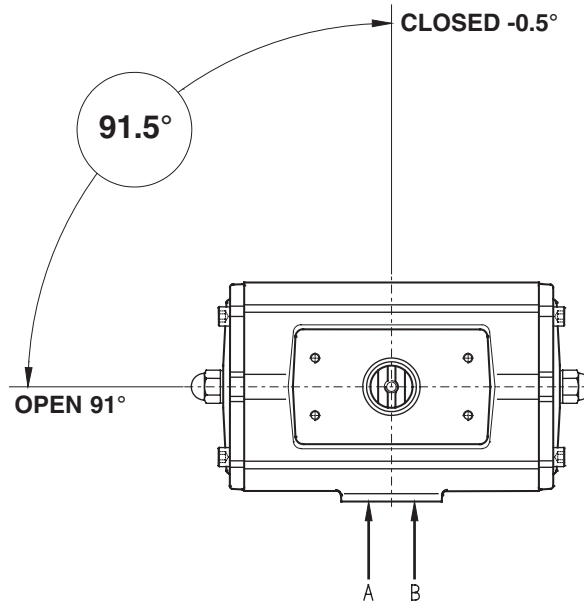
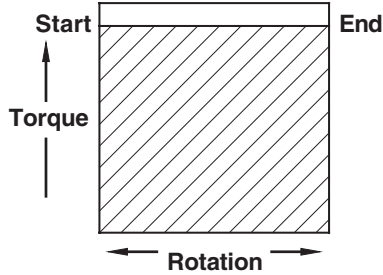


DOUBLE ACTING TORQUE



Actuator type	Torque in Nm										
	Supply Pressure (bar)										
	2	3	3,5	4	4,5	5	5,5	6	6,5	7	8
ED 12	4,8	7,3	8,5	9,7	11,0	12,2	13,4	14,6	15,9	17,1	19,6
ED 25	9	13	16	18	20	23	25	27	29	32	36
ED 40	17	25	29	34	38	42	47	51	55	59	68
ED 65	25	38	45	51	58	64	71	77	84	90	104
ED 100	38	57	66	76	86	95	105	115	124	134	153
ED 200	82	124	146	167	188	209	230	251	272	293	335
ED 350	143	216	253	290	326	363	400	436	473	510	583
ED 600	243	368	430	492	554	617	679	741	804	866	991
ED 950	363	549	642	735	828	921	1014	1107	1200	1293	1479
ED 1600	600	907	1061	1214	1368	1522	1676	1829	1983	2137	2444
PD 2500	958	1449	1694	1940	2186	2431	2677	2922	3168	3413	3904
PD 4000	1623	2456	2872	3289	3705	4121	4537	4954	5370	5786	6619

Note:

1. Actuator torques are guaranteed minimum torque values. Emerson Process Management recommends that the valve manufacturer supply the maximum required torque values (Including any adjustments or suggested safety factors for valve service conditions or application).
Additionally, the valve manufacturer must identify at which position(s) and direction(s) of rotation (Counter Clock Wise or Clock Wise) these maximum requirements occur.
2. If in doubt, or you require any assistance with sizing actuators, do not hesitate to contact your nearest Emerson's Valve Automation Division representative.
- 3 Pressure on port "A" opens the actuator*
- 4 The actuator is shown in closed position*

(* code A, data sheet 1.503).