

Subject to change without notice

VALVE AUTOMATION
SYSTEMS

ELCO-MATIC[®]
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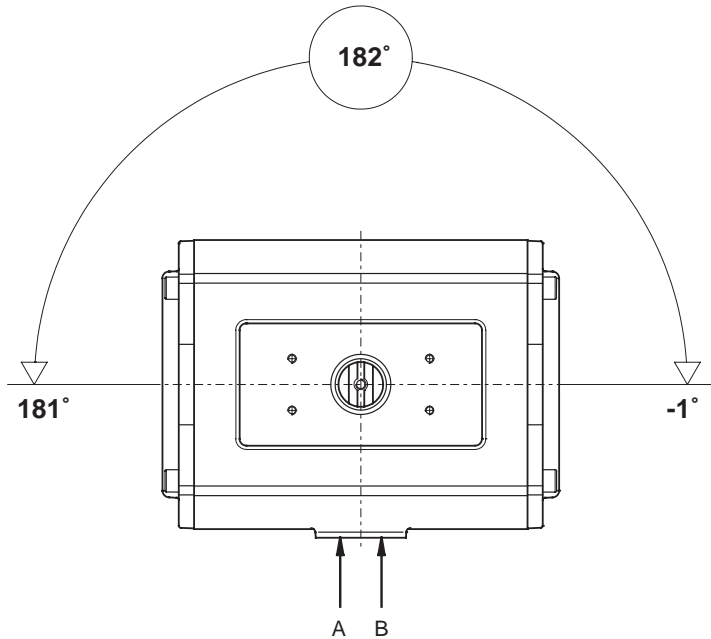
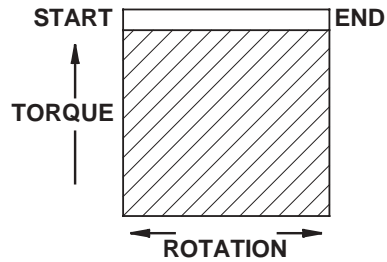
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Nr.:

A 1.204.01

Date:

March '06



Actuator type	Torque (in.lbs)					
	Supply Pressure (PSI)					
	30	40	50	60	70	80
ED 12	44	59	74	89	104	119
PD 60	104	139	175	210	245	281
PD 150	262	351	441	530	620	709
PD 280	493	662	830	999	1,167	1,336
PD 500	872	1,170	1,467	1,765	2,063	2,361
PD 750	1,297	1,740	2,182	2,625	3,068	3,511
PD 1100	1,912	2,566	3,219	3,872	4,525	5,179
PD 2500	4,407	5,913	7,418	8,923	10,429	11,934
PD 4000	7,440	9,981	12,522	15,064	17,605	20,146

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*
- 5 Do not exceed the maximum supply pressure of 6 bar.

(*code A, data sheet A 1.503).

180° DOUBLE ACTING ACTUATOR TORQUE (in.lb)

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