

Interface dimensions on this page were taken from the actuator manufacturer's catalog. DynaTorque is not responsible for any changes in these dimensions. Please consult actuator manufacture's catalog prior to finalizing override sizing.

Emerson Field Q

DA & SR

Actuator Model	DA Torque	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
Q40	413	F07	5/16-18	F05	¼-20	SQ	0.551	DT3SDF05	F05
Q100	931	F07	5/16-18	F05	¼-20	SQ	0.748	DT3SDF07	F748
Q200	2041	F10	3/8-16	F07	5/16-18	SQ	0.866	DT7SDF10	F10
Q350	3547	F10	3/8-16	F07	5/16-18	SQ	1.063	DT7SDF10	NA
Q600	6028	F12	½-13	F10	3/8-16	SQ	1.063	DT12SDF12	F12
Q950	8997	F14	5/8-11	F10	3/8-16	SQ	1.417	DT21SDF12	F14
Q1600	14874	F16	¾-10			SQ	1.816	DT36SDF16	F16

Actuator Model	SR Torque	SRx 2.70	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
Q40	220	594	F07	5/16-18	F05	¼-20	SQ	0.551	DT3SRDF05	F05
Q100	484	1307	F07	5/16-18	F05	¼-20	SQ	0.748	DT3SRDF07	F748
Q200	1085	2930	F10	3/8-16	F07	5/16-18	SQ	0.866	DT7SRDF10	F10
Q350	1975	5333	F10	3/8-16	F07	5/16-18	SQ	1.063	DT7SRDF10	NA
Q600	3247	8767	F12	½-13	F10	3/8-16	SQ	1.063	DT12SRDF12	F12
Q950	4762	12858	F14	5/8-11	F10	3/8-16	SQ	1.417	DT21SRDF14	F14
Q1600	7939	21436	F16	¾-10			SQ	1.816	DT36SRDF16	F16

Note 1: All Spring return operators are sized using the formula "spring end torque x 2.7= required override rating".

This formula affords adequate override torque plus a safety factor.

Note 2: Some actuators are available with a second mounting bolt pattern included. The shaded bolt pattern and tap size dimensions indicate what patterns are used on the manual overrides.

Overrides on this page have been sized based on torque required and compatibility of mounting and driver dimensions. Spring return operators have been sized considering valve torque, torque to override spring return operator, and a safety factor. Modifications to these operators are available upon request and at extra cost. Please consult DynaTorque or an authorized DynaTorque representative for operator options.