

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.

Tyco Morin MRP

DA & SR

Actuator Model	DA Torque	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
002	237	F05	1/4/20			SQ	0.551	DT3SDF05	F05
004	425	F05	1/4/20			SQ	0.551	DT3SDF05	F05
009	957	F07	5/16/18			SQ	0.669	DT3SDF07	F07
014	1403	F07	5/16/18			SQ	0.669	DT3SDF07	F07
025	2489	F10	3/8/16			SQ	0.748	DT3SDF10	F748
037	3615	F10	3/8/16			SQ	0.866	DT7SDF10	F10
045	4788	F10	3/8/16			SQ	0.866	DT7SDF10	F10
070	7505	F12	1/2/13			SQ	1.063	DT12SDF12	F12
088	8900	F12	1/2/13			SQ	1.063	DT12SDF12	F12
180	18180	F16	3/4/10			SQ	1.817	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
002	122	330	F05	1/4/20			SQ	0.551	DT3SRDF05	F05
004	197	532	F05	1/4/20			SQ	0.551	DT3SRDF05	F05
009	466	1258	F07	5/16/18			SQ	0.669	DT3SRDF07	F07
014	665	1796	F07	5/16/18			SQ	0.669	DT3SRDF07	F07
025	1113	3005	F10	3/8/16			SQ	0.748	DT3SRDF10	F748
037	1626	4391	F10	3/8/16			SQ	0.866	DT7SRDF10	F10
045	2219	5992	F10	3/8/16			SQ	0.866	DT7SRDF10	F10
070	3529	9529	F12	1/2/13			SQ	1.063	DT12SRDF12	F12
088	4163	11240	F12	1/2/13			SQ	1.063	DT12SRDF12	F12
180	10155	27418	F16	3/4/10			SQ	1.817	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.