

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.

Actuator Model	DA Torque	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
XS001	76	F03	10-24			SQ	0.347	NA	NA
XS002	165	F04	10-32			SQ	0.433	DT3SDF04	F04A
XS006	378	F05	1/4-20			SQ	0.551	DT3SDF05	F05
XS012	752	F05	1/4-20			SQ	0.551	DT3SDF05	F05
XS025	1464	F05	1/4-20			SQ	0.551	DT3SDF05	F05
XS050	2704	F07	5/16/18			SQ	0.669	DT3SDF07	F07
XS090	5144	F10	3/8/16			SQ	0.866	DT7SDF10	F10
XS130	7828	F12	1/2-13			SQ	1.063	DT12SDF12	F12
XS180	10289	F12	1/2/13			SQ	1.063	DT12SDF12	F12
XS205	15418	F14	5/8-11			SQ	1.417	DT21SDF14	F14
XS380	23139	F14	5/8-11			SQ	1.417	DT21SDF14	F14
XS630	38545	F16	3/4-10			SQ	1.811	DT54SDF16	F16
XS960	58540	F16	3/4-10			SQ	1.811	DT54SDF16	F16
XSH15	89609	F25	5/8-11			SQ	2.165	DT90SDF25	F25

Xomox
XRP
 DA

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.

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Actuator Model	SR Torque	SRx 2.70	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
XS002	56	151	F04	10-24			SQ	0.430	DT3SRDF04	F04A
XS006	128	346	F05	1/4-20			SQ	0.551	DT3SRDF05	F05
XS012	254	686	F05	1/4-20			SQ	0.551	DT3SRDF05	F05
XS025	496	1340	F05	1/4-20			SQ	0.551	DT3SRDF05	F05
XS050	908	2452	F07	5/16/18			SQ	0.669	DT3SRDF07	F07
XS090	1660	4482	F10	3/8/16			SQ	0.866	DT7SRDF10	F10
XS130	2515	6791	F12	1/2-13			SQ	1.063	DT12SRDF12	F12
XS180	3308	8932	F12	1/2/13			SQ	1.063	DT12SRDF12	F12
XS205	5216	14083	F14	5/8-11			SQ	1.417	DT21SRDF14	F14
XS380	7830	21141	F14	5/8-11			SQ	1.417	DT21SRDF14	F14
XS630	13047	35227	F16	3/4-10			SQ	1.811	DT36SRDF16	F16
XS960	16774	45290	F16	3/4-10			SQ	1.811	DT54SRDF16	F16
XSH15	30320	81864	F25	5/8-11			SQ	2.165	DT90SRDF25	F25

Note1 : 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.

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