

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
011DA	59	F03	M5			SQ	0.350	NA	NA
051DA	162	F03	M5			SQ	0.551	NA	F05
100DA	287	F05	M6			SQ	0.551	DT3SDF05	F05
200DA	564	F05	M6			SQ	0.551	DT3SDF05	F05
250DA	888	F07	M8			SQ	0.748	DT3SDF07	F748
300DA	1296	F07	M8			SQ	0.748	DT3SDF07	F748
350DA	2100	F10	M10			SQ	0.866	DT7SDF10	F10
400DA	2700	F10	M10			SQ	0.866	DT7SDF10	F10
450DA	4248	F12	M12			SQ	1.063	DT12SDF12	F12
500DA	5544	F12	M12			SQ	1.063	DT12SDF12	F12
550DA	7476	F14	M16			SQ	1.417	DT21SDF14	F14
600DA	10392	F14	M16			SQ	1.417	DT21SDF14	F14
650DA	17868	F16	M20			SQ	1.811	DT36SDF16	F16
700DA	26332	F16	M20			SQ	1.811	DT36SDF16	F16

Note 1: 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.

Note 2: Unit and driver codes listed as "NA" do not have ISO 5211 dimensions or do not have coordinated ISO 5211 dimensions for both mounting and driver. These units and drivers fall outside the scope of this matrix. Consult the factory or authorized DynaTorque representative for model numbers and pricing on these items

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. REV 03/11/03

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.

JAMESBURY

SR

Actuator Model	DA Torque	SRx 2.70	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
051 SR	72	195	F03	M5			SQ	0.551	NA	F05
100 SR	118	318	F05	M6			SQ	0.551	DT3SRDF05	F05
200 SR	235	635	F05	M6			SQ	0.551	DT3SRDF05	F05
250 SR	390	1053	F07	M8			SQ	0.748	DT3SRDF07	F748
300 SR	539	1455	F07	M8			SQ	0.748	DT3SRDF07	F748
350 SR	872	2354	F10	M10			SQ	0.866	DT7SRDF10	F10
400 SR	1116	3014	F10	M10			SQ	0.866	DT7SRDF10	F10
450 SR	1752	4730	F12	M12			SQ	1.063	DT12SRDF12	F12
500 SR	2388	6448	F12	M12			SQ	1.063	DT12SRDF12	F12
550 SR	3360	9072	F14	M16			SQ	1.417	DT21SRDF14	F14
600 SR	4512	12182	F14	M16			SQ	1.417	DT21SRDF14	F14
650 SR	7416	20023	F16	M20			SQ	1.811	DT36SRDF16	F16
700 SR	11592	31298	F16	M20			SQ	1.811	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.

Note 3: Unit and driver codes listed as “NA” do not have ISO 5211 dimensions or do not have coordinated ISO 5211 dimensions for both mounting and driver. These units and drivers fall outside the scope of this matrix. Consult the factory or authorized DynaTorque representative for model numbers and pricing on these items

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. REV 03/11/03