

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.

Radius

DA & SR

Actuator Model	DA Torque	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
AD005A	275	F05	1/4/20			SQ	0.433	DT3SDF05	F04B
AD008A	583	F05	1/4/20			SQ	0.669	DT3SDF05	NA
AD012A	875	F07	5/16/18	F05	1/4/20	SQ	0.748	DT3SDF07	F748
AD020A	1330	F07	5/16/18			SQ	0.866	DT3SDF07	NA
AD030A	1832	F10	3/8/16	F07	5/16/18	SQ	0.866	DT7SDF10	F10
AD040A	2752	F10	3/8/16	F07	5/16/18	SQ	1.063	DT7SDF10	NA
AD060A	4092	F10	3/8/16			SQ	1.063	DT7SDF10	NA
AD100A	6344	F12	1/2/13			SQ	1.417	DT12SDF12	F12
AD200A	11111	F14	5/8/11			SQ	1.811	DT21SDF14	NA
AD250A	14123	F14	5/8/11			SQ	1.417	DT21SDF14	F14
AD370A	24730	F16	3/4/10			SQ	1.811	DT36SDF16	F16
AD500A	41500	F25	3/8/16			SQ	2.165	DT90SDF25	F25
AD750A	52660	F25	5/8/11			SQ	2.165	DT90SDF25	F25

Actuator Model	SR Torque	SRx 2.70	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
AS005A	106	287	F05	1/4/20			SQ	0.433	DT3SRDF05	F04B
AS008A	227	613	F05	1/4/20			SQ	0.669	DT3SRDF05	NA
AS012A	319	862	F07	5/16/18	F05	1/4/20	SQ	0.748	DT3SRDF07	F748
AS020A	474	1280	F07	5/16/18			SQ	0.866	DT3SRDF07	NA
AS030A	683	1845	F10	3/8/16	F07	5/16/18	SQ	0.866	DT7SRDF10	F10
AS040A	938	2533	F10	3/8/16	F07	5/16/18	SQ	1.063	DT7SRDF10	NA
AS060A	1430	3861	F10	3/8/16			SQ	1.063	DT7SRDF10	NA
AS100A	2270	6129	F12	1/2/13			SQ	1.417	DT12SRDF12	F12
AS200A	3880	10476	F14	5/8/11			SQ	1.811	DT21SRDF14	NA
AS250A	4430	11961	F14	5/8/11			SQ	1.417	DT21SRDF14	F14
AS370A	8080	21816	F16	3/4/10			SQ	1.811	DT36SRDF16	F16
AS500A	16900	45630	F25	5/8/16			SQ	2.165	DT90SRDF25	F25
AS750A	23630	63801	F25	5/8/11			SQ	2.165	DT90SRDF25	F25

Note 2: 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 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.

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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