

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

AIRTECH

DA & SR

Actuator Model	DA Torque	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
PA050DA	144	F04	1/4-20			SQ	.433	DT3SDF04	F04A
PA063DA	259	F05	1/4-20			SQ	.551	DT3SDF05	F05
PA075DA	548	F07	5/16-18	F05	1/4/20	SQ	.669	DT3SDF07	F07
PA085DA	831	F07	5/16-18	F05	1/4/20	SQ	.669	DT3SDF07	F07
PA100DA	1300	F10	3/8-16	F07	5/16/18	SQ	.866	DT7SDF10	F10
PA115DA	2151	F10	3/8-16	F07	5/16/18	SQ	.866	DT7SDF10	F10
PA125DA	2819	F10	3/8-16	F07	5/16/18	SQ	.866	DT7SDF10	F10
PA160DA	5548	F12	1/2-13	F10	3/8/16	SQ	1.063	DT12SDF12	F12
PA200DA	10396	F14	5/8-11			SQ	1.417	DT21SDF14	F14
PA270DA	25261	F16	3/4-10			SQ	1.811	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
PA050SR	116	313	F04	1/4-20			SQ	0.433	DT3SRDF04	F04A
PA063SR	208	562	F05	1/4-20			SQ	0.551	DT3SRDF05	F05
PA075SR	439	1185	F07	5/16-18	F05	1/4/20	SQ	0.669	DT3SRDF07	F07
PA085SR	664	1793	F07	5/16-18	F05	1/4/20	SQ	0.669	DT3SRDF07	F07
PA100SR	1039	2805	F10	3/8-16	F07	5/16/18	SQ	0.866	DT7SRDF10	F10
PA115SR	1709	4614	F10	3/8-16	F07	5/16/18	SQ	0.866	DT7SRDF10	F10
PA125SR	2254	6086	F10	3/8-16	F07	5/16/18	SQ	0.866	DT7SRDF10	F10
PA160SR	4451	12018	F12	1/2-13	F10	3/8/16	SQ	1.063	DT12SRDF12	F12
PA200SR	8332	22496	F14	5/8-11			SQ	1.417	DT21SRDF14	F14
PA270SR	20235	54635	F16	3/4-10			SQ	1.811	DT54SRDF16	F16

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

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.

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