

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

CONTROMATICS

DA

Actuator Model	DA Torque	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
PA100	100	F04	10--32			SQ	0.433	NA	F04A
PA200	203	F05	1/4/20	F03	10--32	SQ	0.433	DT3SDF05	F04B
PA300	302	F07	5/16/18	F05	1/4/20	SQ	0.551	DT3SDF05	F05
PA500	526	F07	5/16/18	F05	1/4/20	SQ	0.669	DT3SDF07	F07
PA700	734	F07	5/16/18	F05	1/4/20	SQ	0.669	DT3SDF07	F07
PA1030	1032	F07	5/16/18	F05	1/4/20	SQ	0.699	DT3SDF07	F07
PA1400	1479	F10	3/8/16	F07	5/16/18	SQ	0.866	DT7SDF10	F10
PA2200	2218	F10	3/8/16	F07	5/16/16	SQ	0.866	DT7SDF10	F10
PA2900	2958	F12	1/2/13	F10	3/8/16	SQ	0.866	DT7SDF10	F10
PA4100	4142	F12	1/2/13	F10	3/8/16	SQ	1.063	DT12SDF12	F12
PA5800	5865	F12	1/2/13	F10	3/8/16	SQ	1.063	DT12SDF12	F12
PA9000	9100	F16	3/4/10	F12	1/2/13	SQ	1.417	NA	F14
PA12100	12132	F14	5/8/11			SQ	1.417	DT21SDF14	F14
PA23600	23665	F16	3/4/10			SQ	1.811	DT36SDF16	F16
PA29500	29581	F16	3/4/10			SQ	1.811	DT36SDF16	F16
PA37200	37250	F16	3/4/10			SQ	1.811	DT36SDF16	F16

Note 1: 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.

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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CONTROMATICS

SR

Actuator Model	SR Torque	SRx 2.70	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
PAS100	57	154	F04	10--32			SQ	0.433	NA	F04A
PAS200	114	308	F05	1/4/20	F03	10--32	SQ	0.433	DT3SRDF05	F04B
PAS300	167	451	F07	5/16/18	F05	1/4/20	SQ	0.551	DT3SRDF05	F05
PAS500	312	843	F07	5/16/18	F05	1/4/20	SQ	0.669	DT3SRDF07	F07
PAS700	380	1026	F07	5/16/18	F05	1/4/20	SQ	0.669	DT3SRDF07	F07
PAS1030	568	1534	F07	5/16/18	F05	1/4/20	SQ	0.699	DT3SRDF07	F07
PAS1400	781	2109	F10	3/8/16	F07	5/16/18	SQ	0.866	DT7SRDF10	F10
PAS2200	1200	3240	F10	3/8/16	F07	5/16/16	SQ	0.866	DT7SRDF10	F10
PAS2900	1549	4182	F12	1/2/13	F10	3/8/16	SQ	0.866	DT7SRDF10	F10
PAS4100	2044	5519	F12	1/2/13	F10	3/8/16	SQ	1.063	DT12SRDF12	F12
PAS5800	3156	8521	F12	1/2/13	F10	3/8/16	SQ	1.063	DT12SRDF12	F12
PAS9000	4856	13111	F16	3/4/10	F12	1/2/13	SQ	1.417	NA	F14
PAS12100	6476	17485	F14	5/8/11			SQ	1.417	DT21SRDF14	F14
PAS23600	13718	37039	F16	3/4/10			SQ	1.811	DT36SRDF16	F16
PAS29500	15045	40621	F16	3/4/10			SQ	1.811	DT54SRDF16	F16
PAS37200	20478	55290	F16	3/4/10			SQ	1.811	DT54SRDF16	F16

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Note 2: Note: 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 3: 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.