

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.

UNITORQ

DA

Actuator Model	DA Torque	Bolt Circle	Tap Size	Bolt Circle	Tap Size	Drive Type	Drive Size	Override Code	Override Driver Code
M10	100	F04	10--32	F03	10--32	SQ	0.433	NA	F04A
M20	203	F05	1/4/20	F03	10--32	SQ	0.551	DT3SDF05	F05
M30	302	F07	5/16/18	F05	1/4/20	SQ	0.551	DT3SDF05	F05
M52	526	F07	5/16/18	F05	1/4/20	SQ	0.669	DT3SDF07	F07
M73	734	F07	5/16/18	F05	1/4/20	SQ	0.669	DT3SDF07	F07
M103	1032	F07	5/16/18	F05	1/4/20	SQ	0.669	DT3SDF07	F07
M148	1479	F10	3/8/16	F07	5/16/18	SQ	0.866	DT7SDF10	F10
M222	2218	F10	3/8/16	F07	5/16/18	SQ	0.866	DT7SDF10	F10
M295	2958	F10	3/8/16	F07	5/16/18	SQ	0.866	DT7SDF10	F10
M470	4142	F12	1/2/13	F10	3/8/16	SQ	1.063	DT12SDF12	F12
M586	5865	F12	1/2/13	F10	3/8/16	SQ	1.063	DT12SDF12	F12
M900	9100	F16	3/4/10	F12	1/2/13	SQ	1.417	See Note 1	F14
M1213	12132	F14	5/8/11			SQ	1.417	DT21SDF14	F14
M2366	23665	F16	3/4/10			SQ	1.811	DT36SDF16	F16
M2958	29581	F16	3/4/10			SQ	1.811	DT36SDF16	F16
M3720	37250	F16	3/4/10			SQ	1.811	DT54SDF16	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: 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.

DYNATORQUE
VALVE ACTUATORS AND ACCESSORIES

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UNITORQ

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
M10	57	154	F04	10--32	F03	10--32	SQ	0.433	NA	F04A
M20	114	308	F05	1/4/20	F03	10--32	SQ	0.551	DT3SRDF05	F05
M30	167	451	F07	5/16/18	F05	1/4/20	SQ	0.551	DT3SRDF05	F05
M52	312	843	F07	5/16/18	F05	1/4/20	SQ	0.669	DT3SRDF07	F07
M73	380	1026	F07	5/16/18	F05	1/4/20	SQ	0.669	DT3SRDF07	F07
M103	568	1534	F07	5/16/18	F05	1/4/20	SQ	0.669	DT3SRDF07	F07
M148	781	2109	F10	3/8/16	F07	5/16/18	SQ	0.866	DT7SRDF10	F10
M222	1200	3240	F10	3/8/16	F07	5/16/18	SQ	0.866	DT7SRDF10	F10
M295	1540	4158	F10	3/8/16	F07	5/16/18	SQ	0.866	DT7SRDF10	F10
M470	2044	5519	F12	1/2/13	F10	3/8/16	SQ	1.063	DT12SRDF12	F12
M586	3156	8522	F12	1/2/13	F10	3/8/16	SQ	1.063	DT12SRDF12	F12
M900	4856	13111	F16	3/4/10	F12	1/2/13	SQ	1.417	See Note 1	F14
M1213	6476	17486	F14	5/8/11			SQ	1.417	DT21SRDF14	F14
M2366	13718	37038	F16	3/4/10			SQ	1.811	DT36SRDF16	F16
M2958	15045	40622	F16	3/4/10			SQ	1.811	DT54SRDF16	F16
M3720	20478	55285	F16	3/4/10			SQ	1.811	DT54SRDF16	F16

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