

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.

BETTIS

RPC

DA & SR

| Actuator Model | DA Torque | Bolt Circle | Tap Size | Bolt Circle | Tap Size | Drive Type | Drive Size | Override Code | Override Driver Code |
|----------------|-----------|-------------|----------|-------------|----------|------------|------------|---------------|----------------------|
| RPC250DA | 250 | F05 | 1/4/20 | | | SQ | 0.433 | DT3SDF05 | F04 |
| RPC450DA | 450 | F05 | 1/4/20 | | | SQ | 0.551 | DT3SDF05 | F05 |
| RPC1000DA | 1000 | F07 | 5/16/18 | | | SQ | 0.748 | DT3SDF07 | F748 |
| RPC2250DA | 2250 | F10 | 3/8/16 | | | SQ | 0.866 | DT7SDF10 | F10 |
| RPC3650DA | 3650 | F12 | 1/2/13 | | | SQ | 1.063 | DT12SDF12 | F12 |
| RPC5000DA | 5000 | F12 | 1/2/13 | | | SQ | 1.063 | DT12SDF12 | F12 |
| RPC11000DA | 11000 | F14 | 5/8/11 | | | SQ | 1.417 | DT21SDF14 | F14 |

| Actuator Model | SR Torque | SRx 2.70 | Bolt Circle | Tap Size | Bolt Circle | Tap Size | Drive Type | Drive Size | Override Code | Override Driver Code |
|----------------|-----------|----------|-------------|----------|-------------|----------|------------|------------|---------------|----------------------|
| RPC250SR | 172 | 464 | F05 | 1/4/20 | | | SQ | 0.433 | DT3SRDF05 | F04 |
| RPC450SR | 311 | 840 | F05 | 1/4/20 | | | SQ | 0.551 | DT3SRDF05 | F05 |
| RPC1000SR | 683 | 1844 | F07 | 5/16/18 | | | SQ | 0.748 | DT3SRDF07 | F748 |
| RPC2250SR | 1546 | 4174 | F10 | 3/8/16 | | | SQ | 0.866 | DT7SRDF10 | F10 |
| RPC3650SR | 2482 | 6701 | F12 | 1/2/13 | | | SQ | 1.063 | DT12SRDF12 | F12 |
| RPC5000SR | 3249 | 8772 | F12 | 1/2/13 | | | SQ | 1.063 | DT12SRDF12 | F12 |
| RPC11000SR | 7153 | 19313 | F14 | 5/8/11 | | | SQ | 1.417 | DT21SRDF14 | F14 |

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.

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