BETTIS™ RTS



Upgrade Your Operations with Trusted Actuator Technology

When legacy actuators hold your operation back, it's time for a smarter replacement. The **Bettis™ RTS** is purpose-built to modernize aging **Fisher 350** installations, delivering higher efficiency, cleaner operation, and simplified control without disrupting your existing infrastructure.

Designed as a true 1-for-1, drop-in replacement, RTS upgrades performance while eliminating the common issues that plague older oil-based actuators.

Intelligent Controls

RTS integrates seamlessly with today's control architectures, enabling real-time decision-making and precise valve control

Ease of Installation

1-for-1 replacement for Fisher 350 actuators reuse existing valve assemblies

More Uptime

Virtually no maintenance and no risk of hydraulic leaks, increasing your system's availability

Select the Model Right for You

Fisher 350
(Fail-in-Last Position)

Max Thrust	Max Travel	Stroke Rate	Boss Size (in.)
2,000 lb	1.5 in.	3 s in.	2-13/16ths
2,000 lb	2.5 & 3.0 in.	3 s in.	2-13/16ths
2,000 lb	1.5 in.	7 s in.	3-9/16ths or 5
2,000 lb	2.5 in.	7 s in.	3-9/16ths or 5

RTS Base Model
(with partial model string code)

Max Thrust	Max Travel	Max Thrust	Mod. Thrust (Class C)
CM32X-3-M-0-H-B-L1	1.97 in.	3,372 lb	1,686 lb
CM32X-3-M-0-H-B-L2	3.94 in.	3,372 lb	1,686 lb
CM64X-4-M-0-H-B-L4	3.94 in.	5,620 lb	2,810 lb
CM64X-4-M-0-H-B-L4	3.94 in.	5,620 lb	2,810 lb

Fisher 352
(Spring Fail Extended/Down)

Max Cylinder & (Usable Thrust)	Max Travel	Stroke Rate	Boss Size (in.)
2,000 lb (956 lb)	1.5 in.	3 s in.	2-13/16ths
5,000 lb (1,500 lb)	2.5 & 3.0 in.	7 s in.	3-9/16ths
5,000 lb (1,010 lb)	1.5 in.	7 s in.	3-9/16ths

RTS Base Model
(with partial model string code)

RTS Model	Max Travel	BTC/BTO Thrust With & (Against Spring)	Mod. Thrust (Class C)
FL05X-3-M-0-H-B-F2	1.18 in.	4,294 lb (2,967 lb)	1,124 lb
FL15X-3-M-0-H-B-F2	1.97 in.	5,867 lb (4,361 lb)	2,248 lb
FL25X-3-M-0-H-B-F2	3.94 in.	5,867 lb (4,361 lb)	2,698 lb
FL25X-3-M-0-H-B-F2	3.94 in.	5,867 lb (4,361 lb)	2,698 lb

Fisher 352
(Spring Fail Retracted/Up)

Max Cylinder & (Usable Thrust)	Max Travel	Stroke Rate	Boss Size (in.)
2,000 lb (522 lb)	1.5 in.	3 s in.	2-13/16ths
5,000 lb (500 lb)	2.5 & 3.0 in.	7 s in.	3-9/16ths
5,000 lb (1,470 lb)	1.5 in.	7 s in.	3-9/16ths

RTS Base Model
(with partial model string code)

RTS Model	Max Travel	BTC/BTO Thrust With & (Against Spring)	Mod. Thrust (Class C)
FL05X-3-M-0-H-B-F1	1.18 in.	4,294 lb (2,967 lb)	1,124 lb
FL15X-3-M-0-H-B-F1	1.97 in.	5,867 lb (4,361 lb)	2,248 lb
FL25X-3-M-0-H-B-F1	3.94 in.	5,643 lb (5,485 lb)	2,698 lb
FL25X-3-M-0-H-B-F1	3.94 in.	5,643 lb (5,485 lb)	2,698 lb

Fisher 353
(Spring Fail Extended/Down)

Max Cylinder & (Usable Thrust)	Max Travel	Stroke Rate	Boss Size (in.)
2,000 lb (696 lb)	1.5 in.	3 s in.	2-13/16ths
5,000 lb (1,500 lb)	2.0 in.	7 s in.	3-9/16ths

RTS Base Model
(with partial model string code)

RTS Model	Max Travel	BTC/BTO Thrust With & (Against Spring)	Mod. Thrust (Class C)
FL05X-3-M-0-H-B-F2	1.18 in.	4,294 lb (2,967 lb)	1,124 lb
FL15X-3-M-0-H-B-F2	1.97 in.	5,867 lb (4,361 lb)	2,248 lb
FL25X-3-M-0-H-B-F2	3.94 in.	5,643 lb (5,485 lb)	2,698 lb

Fisher 353
(Spring Fail Retracted/Up)

Max Cylinder & (Usable Thrust)	Max Travel	Stroke Rate	Boss Size (in.)
2,000 lb (782 lb)	1.5 in.	3 s in.	2-13/16ths
5,000 lb (1,500 lb)	2.0 in.	7 s in.	3-9/16ths

RTS Base Model
(with partial model string code)

RTS Model	Max Travel	BTC/BTO Thrust With & (Against Spring)	Mod. Thrust (Class C)
FL05X-3-M-0-H-B-F1	1.18 in.	4,294 lb (2,967 lb)	1,124 lb
FL15X-3-M-0-H-B-F1	1.97 in.	5,867 lb (4,361 lb)	2,248 lb
FL25X-3-M-0-H-B-F1	3.94 in.	5,643 lb (5,485 lb)	2,698 lb

Fisher 354 (90° Rotary)
When Replacing Linear Actuator Only

Max Thrust (Torque)	Max Rotation	Stroke Rate	Boss Size (in.)
2,000 lb (235 lbf-ft)	90°	9 s	2-13/16ths
5,000 lb. (586 lbf-ft)	90°	21 s	3-9/16ths
5,000 lb. (586 lbf-ft)	90°	21 s	5.0

RTS Base Model
(with partial model string code)

RTS Model	Max Rotation	BTC/BTO Thrust With & (Against Spring)	Mod. Thrust (Class C)
FL05X-3-M-0-H-B-F2	90°	4,294 lb (2,967 lb)	1,124 lb
FL15X-3-M-0-H-B-F2	90°	5,867 lb (4,361 lb)	2,248 lb
FL25X-3-M-0-H-B-F2	90°	5,643 lb (5,485 lb)	2,698 lb

Fisher 354 (90° Rotary Fail Last)
When Replacing Complete Unit

Max (Torque)	Max Rotation	Stroke Rate	
235 lbf-ft	90°	9 s	
586 lbf-ft	90°	21 s	
586 lbf-ft	90°	21 s	

RTS Base Model
(with partial model string code)

RTS Model	Max Rotation	Torque	Mod. Torque (Class C)
CM32X-3-M-0-H-B-G1	90°	89 lbf-ft	44 lbf-ft
CM32X-3-M-0-H-B-G2	90°	184 lbf-ft	92 lbf-ft
CM64X-3-M-0-H-B-G3	90°	369 lbf-ft	184 lbf-ft

Fisher 354 (90° Rotary Fail-Safe)
When Replacing Complete Unit

Max (Torque)	Max Rotation	Stroke Rate	
235 lbf-ft	90°	9 s	
586 lbf-ft	90°	21 s	
586 lbf-ft	90°	21 s	

RTS Base Model
(with partial model string code)

RTS Model	Max Rotation	Torque	Mod. Torque (Class C)
FQ03X-3-M-0-H-B-FX	90°	221 lbf-ft	111 lbf-ft
FQ06X-3-M-0-H-B-FX	90°	443 lbf-ft	221 lbf-ft
FQ10X-3-M-0-H-B-FX	90°	738 lbf-ft	369 lbf-ft

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