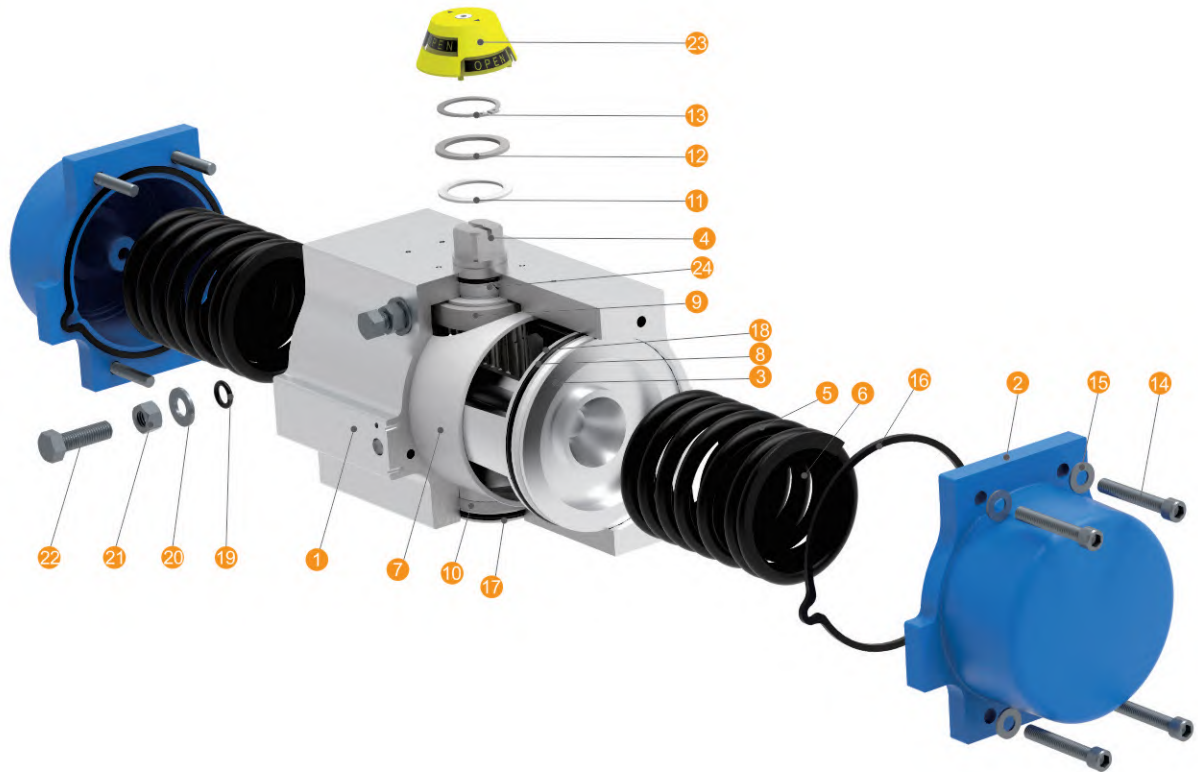


YS SERIES ACTUATOR



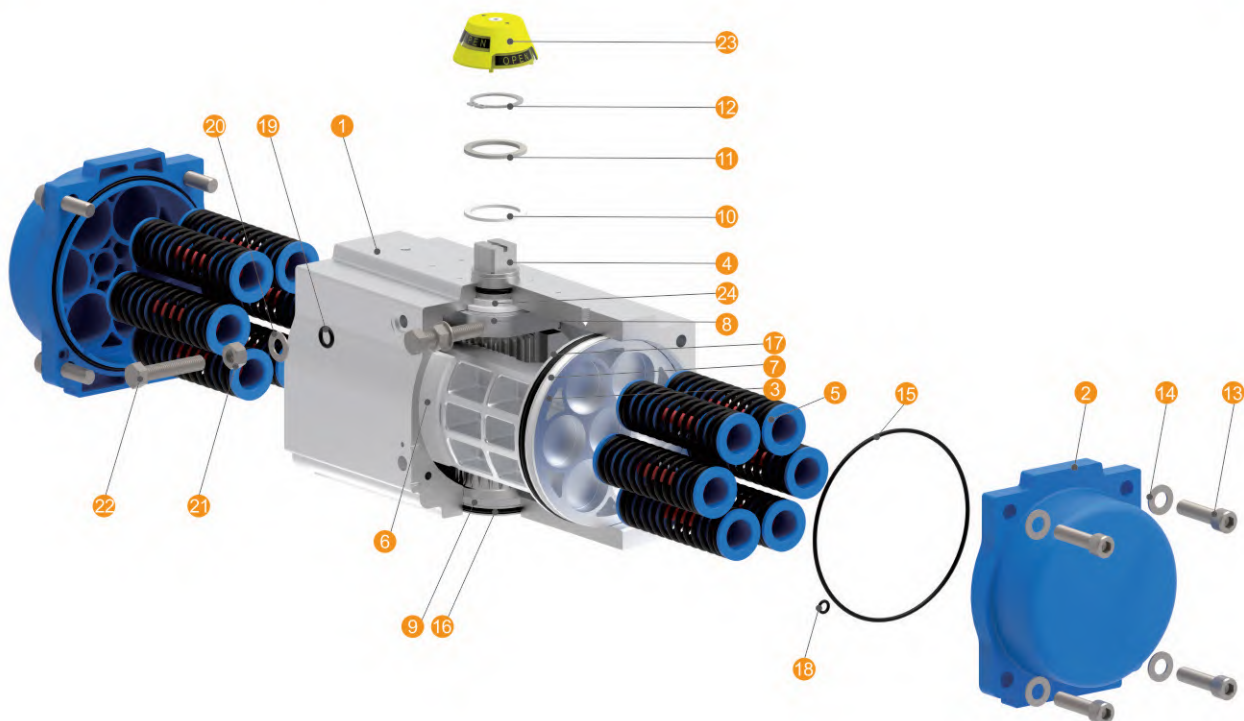
Parts List and Bill of Materials (YS063~YS140)



Material List

No.	QTY	Description	Material	Optional Material
1	1	Cylinder Block	Aluminum Alloy	
2	2	End Cap	Aluminum Alloy	
3	2	Piston	Aluminum Alloy	
4	1	Pinion	1045 Steel	Carbon Steel
5	Max. 2	Outer Spring	Spring Steel	
6	Max. 2	Inner Spring	Spring Steel	
7	1	Piston Guide Sleeve	POM	PTFE
8	2	Piston Bearing	25% Carbon Cilled PTFE	POM
9	1	Limit Cam	Stainless Steel	
10	2	Pinion Bearing	POM	PTFE
11	1	Thrust Washer	POM	PTFE
12	2	Washer	Stainless Steel	
13	1	Circlip	Stainless Steel	Spring Steel
14	8	End Cap Screw	Stainless Steel	
15	8	End Cap Screw Washer	Stainless Steel	
16	2	End Cap Seal	Nitrile Rubber	Fluororubber/ Silicone Rubber
17	2	Pinion Seal O-ring	Nitrile Rubber	Fluororubber/ Silicone Rubber
18	2	Piston Seal O-ring	Nitrile Rubber	Fluororubber/ Silicone Rubber
19	2	Stopper Seal O-ring	Nitrile Rubber	Fluororubber/ Silicone Rubber
20	2	Limit Washer	Stainless Steel	
21	2	Limit Nut	Stainless Steel	
22	2	Limit Screw	Stainless Steel	
23	1	Position Indicator	ABS +Stainless Steel Screws	
24	1	Cam Washer	POM	

Parts List and Bill of Materials (YS160~YS240)



Materials List

No.	QTY	Description	Material	Optional Material
1	1	Cylinder Block	Aluminum Alloy	
2	2	End Cap	Aluminum Alloy	
3	2	Piston	Aluminum Alloy	
4	1	Pinion	1045 Steel	Carbon steel
5	Max. 12	Spring Group	Spring Steel	
6	2	Piston Support Bearing	POM	PTFE
7	2	Piston Bearing	25%Carbon Filled PTFE	POM
8	1	Limit Cam	Stainless Steel	
9	2	Pinion Bearing		PTFE
10	1	Washer	POM	
11	2	Thrust Washer	Stainless Steel	PTFE
12	1	Circlip	POM	Spring Steel
13	8	End Cap Screw	Stainless Steel	
14	8	End Cap Screw Washer	Stainless Steel	
15	2	End Cap Seal O-ring	Stainless Steel	Fluororubber / Silicone Rubber
16	2	Pinion Seal O-ring	Nitrile Rubber	Fluororubber / Silicone Rubber
17	2	Piston Seal O-ring	Nitrile Rubber	Fluororubber / Silicone Rubber
18	2	B Air Inlet Seal O-ring	Nitrile Rubber	Fluororubber / Silicone Rubber
19	2	Stopper Seal O-ring	Nitrile Rubber	Fluororubber / Silicone Rubber
20	2	Limit Washer	Nitrile Rubberel	
21	2	Limit Nut	Stainless Steel	
22	2	Limit Screw	Stainless Steel	
23	1	Position Indicator	ABS +Stainless Steel Screws	
24	1	Gear Bearing	POM	PTFE



Design Ddvantage (YS063~YS140)

Visual indicator:
Injection molding allows for a more intuitive display of whether the actuator is closed or open.

Limit cam:
The actuator is adjusted from -5° to 95° . The design of the internal teeth makes the force even and improves the service life.

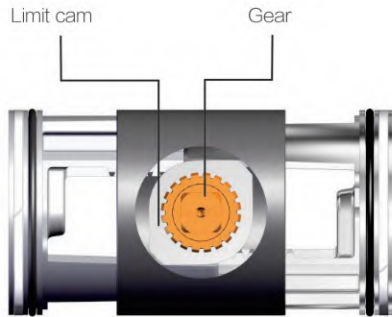
Spring:
Using a combined spring design, the outer spring is clockwise and the inner spring is counterclockwise for more stable and uniform. The thrust is simultaneously avoided by the interference of the spring due to compression.



Housing Guide sleeve:
The POM material provides a more uniform friction and guidance system, and the piston is three-clamped to make the piston movement more stable.

Piston:
Three-position positioning design, three faces at the same time Housing Guide sleeve, offering more Add even and stable motion while avoiding Deviation of the piston caused by uneven force.

End cap:
High-pressure casting molding, the spring accumulator mounting hole is reserved inside the end cap to better meet various customer requirements.



Company Profile

Resilient Seated Butterfly Valve

Double Eccentric High Performance Butterfly Valve

Turbine Actuator

Pneumatic Actuator

General Specifications

General Specifications

Torque Range

- 328 to 20766 lbf.in (37 to 2346 Nm)

Pressure Range

Double Action:

- 40 to 120 psig (2.5 barg to 8.2 barg)

Spring Reset

- 87 to 120 psig (6 to 8.3 barg), Maximum Spring Setting
- 43.5 to 120 psig (2.5 to 8.3 barg), Reducing the Amount of Spring

Finish

- Cylinder: hard anodizing
- End cap: epoxy coating
- Piston: Hard anodizing
- Pinion: Nickel plating
- Fasteners: Stainless steel

Option

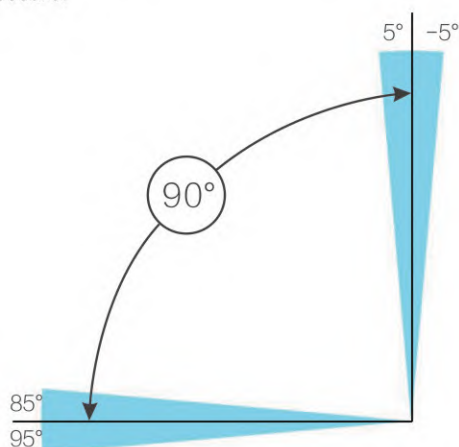
- Low temperature: -40°F to 176°F (-40°C to 80°C)
- High temperature: -20°F to 248°F (-20°C to 120°C)

Rotation Angle

- Factory setting is 90°
- Adjustable range
- Size 063 to 240: -5° to +5° and +85° to 95°

Pressure Medium

- Air, dry or lubricated and inert gases
- Dew point at least 10K below temperature
- For sub-zero applications, take appropriate measures
- Mentioned pressure levels are "gauge pressures". Gauge pressure is equal to absolute pressure minus atmospheric pressure.



Lubrication Method

- Castrol High Temperature grease (or equivalent)

Temperature Range

- Standard: -4°F to 175°F (-20°C to 80°C)

Compliance to International Standards

- Valve flange: ISO 5211/DIN3337
- Solenoid flange: VDE/VDI 3845 (NAMUR)
- Accessory flange: VDE/VDI 3845 (NAMUR)
- European Directives: ATEX, PED and Machinery Directive

Actuator Weight

Actuator Model	Double-Acting		Spring Return Full spring	
	lbs	(kg)	lbs	(kg)
063	3.3	1.485	4.0	1.8
085	7.5	3.375	9.5	4.275
100	11.1	5.2	14.5	6.525
125	22.1	9.95	29.6	13.32
140	35.7	16.06	48.5	21.825
160	43.7	19.66	77.2	34.74
190	72.8	32.76	99.2	44.65
210	106	47.7	126	56.7
240	152	68.4	179	80.55

Operating Speed

Actuator Model	Cycle time in seconds			
	Spring-Return		Double-Acting	
	A-port pressurized	Spring Stroke	A-port pressurized	B-port pressurized
063	0.4	0.3	0.4	0.3
085	0.5	0.5	0.6	0.5
100	0.7	0.6	0.6	0.5
125	1.2	0.9	0.6	0.6
140	1.8	1.6	1.2	1.3
160	2.1	1.8	1.5	1.7
190	2.4	2.8	2	2.2
210	3.5	3.9	2.7	3.2
240	4.1	4.6	3.5	4

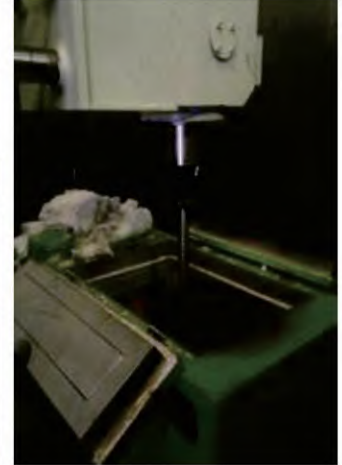
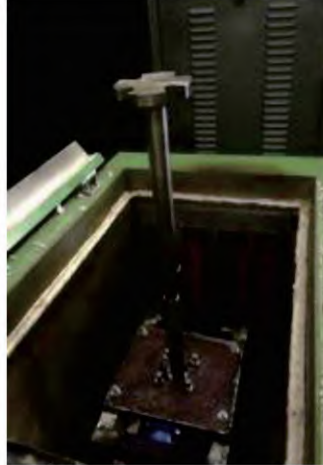
Test Conditions:

1. Solenoid with flow capacity: 0.6 m³/hr
2. Pipe diameter: 6 mm
3. Medium: clean air
4. Supply pressure: 5.5 bar
5. Load: with average load
6. Stroke: 90°
7. Temperature: Room temperature

Testing Procedure

By professional equipment and standards in order to ensure quality.

Torque Test Machine



Ultra-high Temperature Test



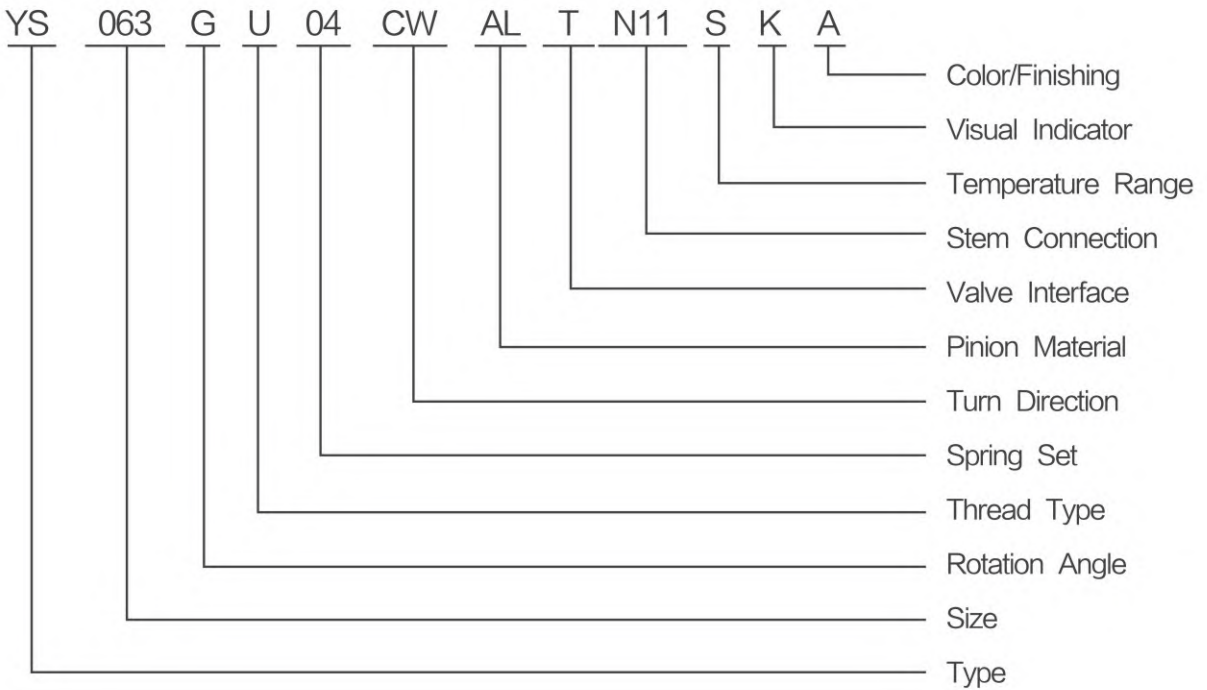
Temperature Data Record (Mod YS125)

Temp (° C)	0° in.lbs	90° in.lbs
24° C	1239	2036
50° C	1248	1920
100° C	1221	1912
150° C	1248	1859
200° C	1177	1814
250° C@0 Min	1204	1850
250° C@10 Mins	1080	1805
250° C@20 Mins	1009	1664
250° C@30 Mins	1071	1655
250° C@40 Mins	1071	1655
250° C@50 Mins	1062	1628
250° C@60 Mins	1053	1637

Features

- The hard-anodized actuator body along with the control modules is protected from corrosive environments with a protective finish that has passed a 500 hour-salt spray test per ASTM B117.
- Over 500000 circle test to conform BS EM 15714-3.

Product Configuration Code



Type	
YD	Double Action
YS	Spring Reset

Rotation Angle	
G	90° Rotation

Turn Direction	
CW	Turn Counterclockwise
CC	Clockwise To Close Rotation

Temperature Ranges	
S	Standard: -4°F to +176°F (-20°C to +80°C)
H	High : -4 °F to +248 °F (-20°C to +120°C)
L	Lower : -40°F to +176°F (-40°C to +80°C)

Product Configuration Code

Size	
063	Size 063
075	Size 075
085	Size 085
100	Size 100
125	Size 125
140	Size 140
160	Size 160
190	Size 190
210	Size 210
240	Size 240

Valve Stem Connection (Insert Sizes)			
Parallel Drive	Diagonal Drive	Square	Actuator Sizes
Insert Codes		No Insert	
N09	Y09	9mm/0.354"	063
N11	Y11	11mm/0.433"	063
N14	Y14	14mm/0.551"	085
N19	Y17	17mm/0.669"	100
	Y19	19mm/0.748"	
N22	Y22	22mm/0.866"	125
	Y27	22mm/0.866"	
N27	Y27	27mm/1.063"	140

Pinion Material	
AL	Aluminum alloy
CS	1045 Steel

Spring Set	
02	Spring Set 2
04	Spring Set 4
05	Spring Set 5
06	Spring Set 6
07	Spring Set 7
08	Spring Set 8
09	Spring Set 9
10	Spring Set 10
11	Spring Set 11
12	Spring Set 12

Visual Indicator Code	
K	Standard
N	No Visual Indicator

Finishing	
A	Standard Coating

Threads	
M	Metric ISO 5211
U	UNC/NPT

Valve Interface	
T	Standard ISO 5211 Interface
D	DIN3337 Interface

Company Profile

Resilient Seated Butterfly Valve

Double Eccentric High Performance Butterfly Valve

Turbine Actuator

Pneumatic Actuator

Spring Placement (YS063~YS140)

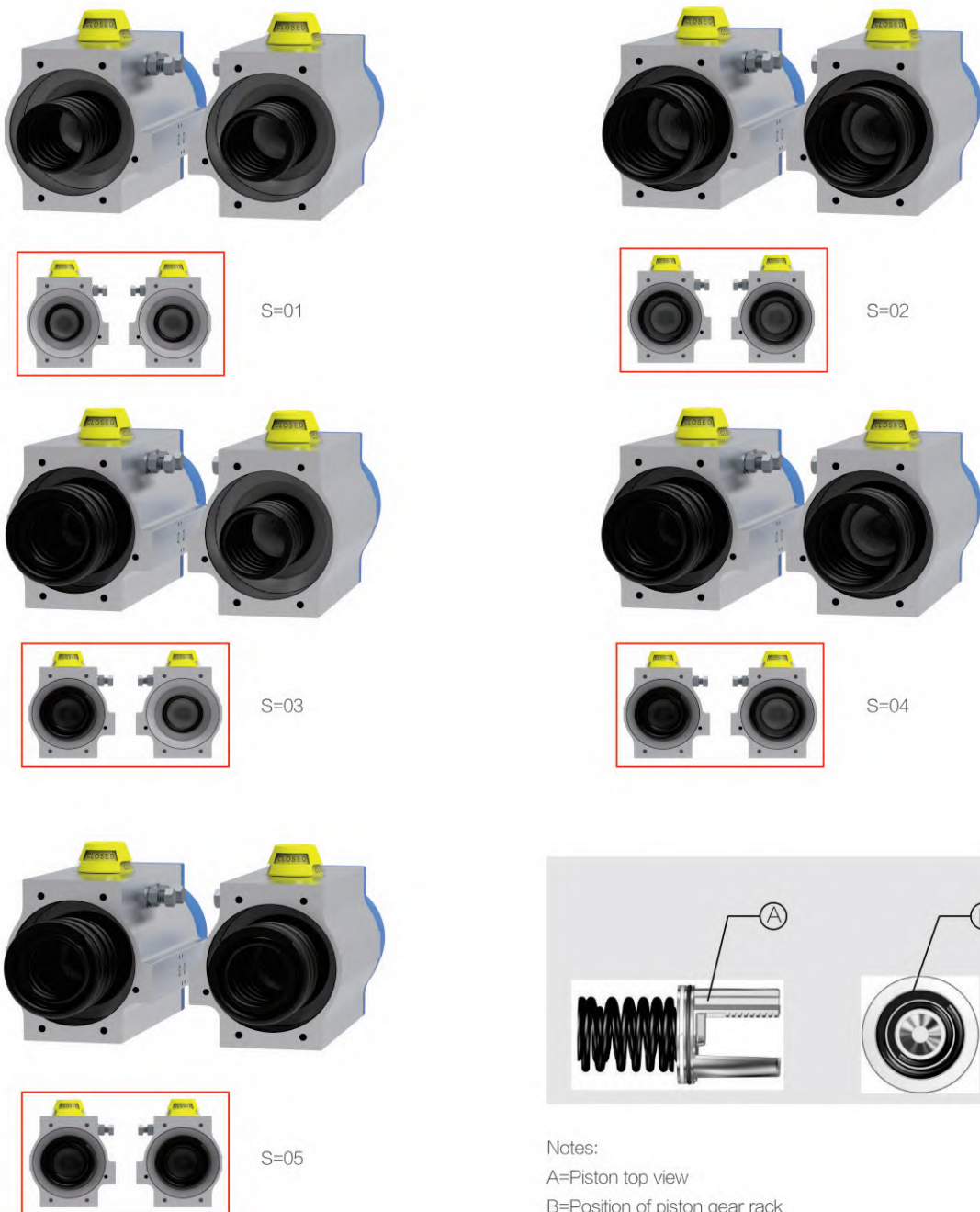
When replacing spring cartridges in a spring-return actuator, ensure that the cartridges are replaced in their identical position from where they were removed.

Check below figure to see where to place the spring cartridges in case of spring set conversion.

Before assembling the spring cartridges and end caps, make sure that the pistons are completely inwards.

S=05 mentioned in the following view is only a number of spring codes, not the number of springs fitted with a pneumatic actuator.

Figure 1. Location of the spring



Notes:
 A=Piston top view
 B=Position of piston gear rack

Spring Placement (YS160~YS240)

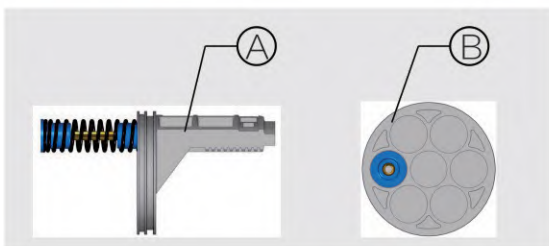
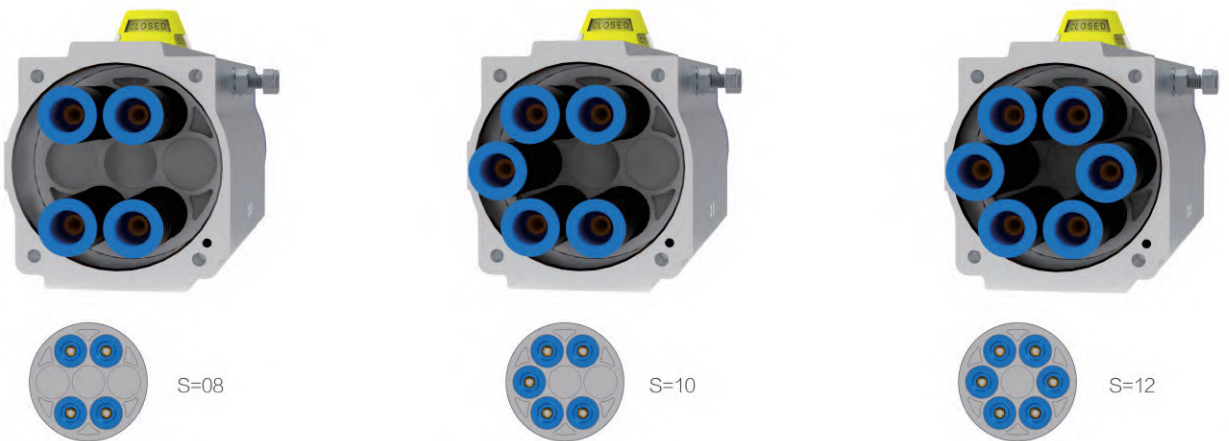
When replacing spring cartridges in a spring-return actuator, ensure that the cartridges are replaced in their identical position from where they were removed.

Check below figure to see where to place the spring cartridges in case of spring set conversion.

Before assembling the spring cartridges and end caps, make sure that the pistons are completely inwards.

S=05 mentioned in the following view is only a number of spring codes, not the number of springs fitted with a pneumatic actuator.

Figure 2. Location of the spring



Notes:
 A=Piston top view
 B=Position of piston gear rack

Company Profile

Resilient Seated Butterfly Valve

Double Eccentric High Performance Butterfly Valve

Turbine Actuator

Pneumatic Actuator

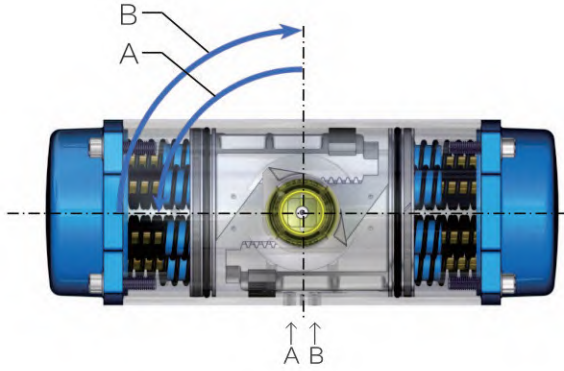
Assembly Codes

Spring-return Actuators

Assembly code : CW

=Standard , Clockwise-to-Close rotation

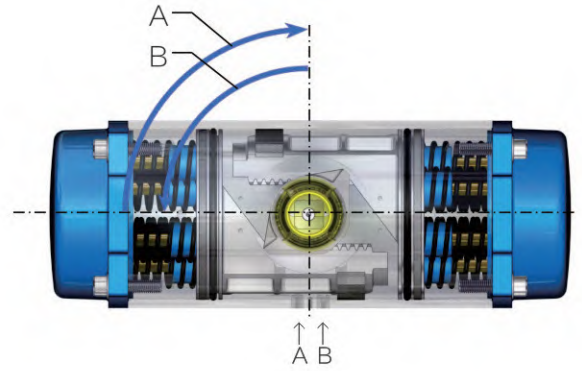
=Fail-to-Close



Assembly code : CC

=Reverse, Counterclockwise-to-Open

=Fail-to-Open

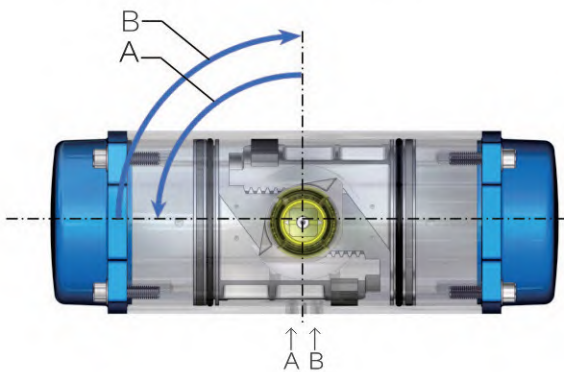


A=central Air Chamber Pressurized
B=Spring Stroke

Double-acting Actuators

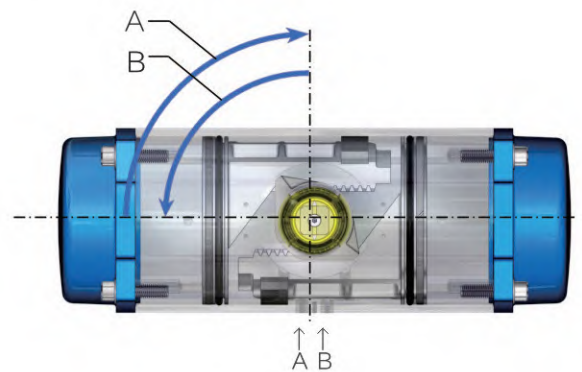
Assembly code : CW

=Standard , Clockwise-to-Close rotation



Assembly code : CC

=Reverse, Counterclockwise-to-Open



A=Central Air Chamber Pressurized
B=End Cap Air Chambers Pressurized

Notes:

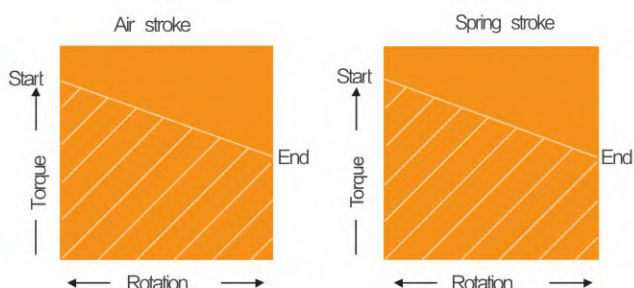
All views are from above. Pistons are shown in inward position.

Torque Output Spring Return Actuator (YS160~YS240)

Model	Set	Spring torque (in/lbs)		Air Supply Pressure (Psi)															
				40		50		60		70		80		90		100		120	
		Star	End	Star	End	Star	End	Star	End	Star	End	Star	End	Star	End	Star	End		
YS240	S05	5048	3646	6063	4661	8490	7088	9650	8248										
	S06	6057	4375	5334	3651	7761	6079	8921	7238	12615	10933								
	S07	7067	5105	4604	2641	7031	5068	8191	6228	11885	9922	14312	12350						
	S08	8077	5834			6302	4059	7462	5221	11156	8913	13583	11340	16010	13767				
	S09	9086	6563					6733	4209	10427	7904	12854	10331	15281	12758	17708	15185		
	S10	10095	7292					6004	3200	9698	6894	12125	9321	14552	11749	16979	14176	21834	19030
	S11	11106	6152							9249	5885	11395	8312	13822	10739	12511	13166	21105	18021
	S12	12115	9031							8239	4875	10666	7302	13093	9729	15521	12156	20375	17010

Notes:

1. Manufacturer supply the maximum required torque values (Including any adjustments or suggested safety factors for valve service conditions or application).
2. In addition, the valve manufacturer must determine where and where these maximum requirements occur (counterclockwise or clockwise).

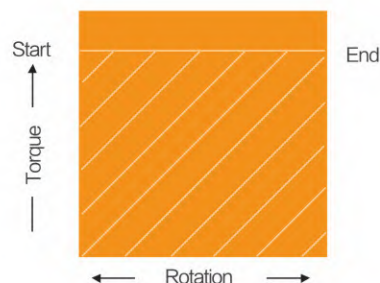


Actuator Torque - Double-Acting (in-lbs)

Model	Air Supply Pressure (Psi)							
	40	50	60	70	80	90	100	120
	Output Torque (in-lbs)							
Yd063	164	205	246	287	328	369	410	492
YD085	434	543	652	760	869	977	1086	1303
YD100	676	845	1014	1184	1353	1522	1691	2029
YD125	1468	1835	2202	2568	2935	3302	3669	4403
YD140	2025	2531	3038	3544	4050	4557	5063	6076
YD160	3174	3968	4761	5555	6348	7142	7935	9522
YD190	4747	5934	7121	8308	9495	10681	11868	14242
YD210	6326	7908	9490	11072	12653	14235	15816	18980
Yd240	9444	11805	12933	16526	18887	21248	23609	28331

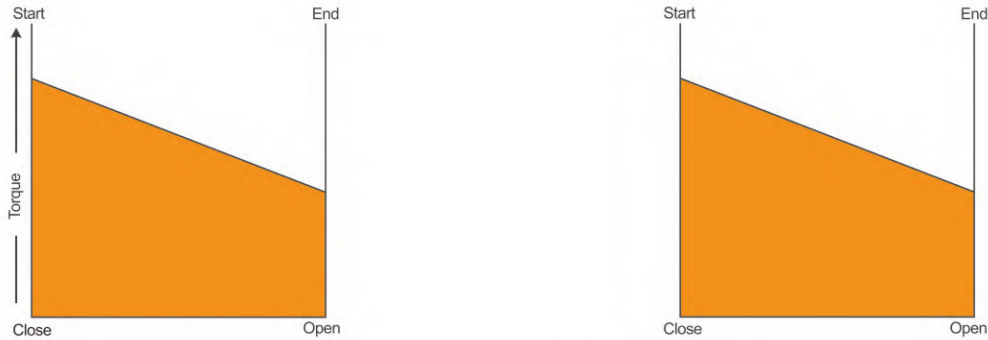
Notes:

1. Manufacturer supply the maximum required torque values (Including any adjustments or suggested safety factors for valve service conditions or application).
2. Additionally, the valve manufacturer must identify at which position(s) and direction(s) of rotation (Counterclockwise or Clockwise) these maximum requirements occur.



Sizing Spring-return Actuators

Figure 3. Spring-to-Close configuration



Spring Reset Size Calculation Case For Spring Closing Application

Published Valve Torque			
-Breaking torque:	1327in-lbs	Announce maximum rod torque:	3496in-lbs
-Open running torque:	398in-lbs	Recommended safety factor:	1.5 (50%)
-Turn off running torque:	398in-lbs	Minimum supply pressure:	5.5 bar (80psi)
-Reset torque:	796in-lbs	Maximum supply pressure:	6.0 bar (87psi)

Calculation

1. Because the recommended safety factor is 1.5

The torque is:

- Breaking torque: $1327\text{in-lbs} \times 1.5 = 1990\text{in-lbs}$
- Turn on running torque: $398\text{in-lbs} \times 1.5 = 597\text{in-lbs}$
- Hit - off running torque: $398\text{in-lbs} \times 1.5 = 597\text{in-lbs}$
- Reset torque $796\text{in-lbs} \times 1.5 = 1194\text{in-lbs}$

2. Look in the spring return torque table in the “spring return” torque meter. From top to bottom, the first actuator size produces more than 1194in-lbs of reset torque.

3. The YS140 with spring kit S05 is the first choice for actuators with multiple sets of springs. Final torque 1454in-lbs

4. Now check if the torque of the other three position actuators exceeds the valve torque.

5. The maximum torque output of the YS140 with spring group is 3102in-lbs at a maximum pressure of 6 bar. This is below the maximum stem torque of 3496in-lbs

Actuator Action	Valve Action
Air begins: 3102in-lbs	>Breaking torque: 1990in-lbs
End of air: 1852in-lbs	>Open running torque: 597in-lbs
Spring starting torque: 2705in-lbs	>Close running torque: 597in-lbs
Spring return torque: 1454in-lbs	>Reset torque: 1194in-lbs

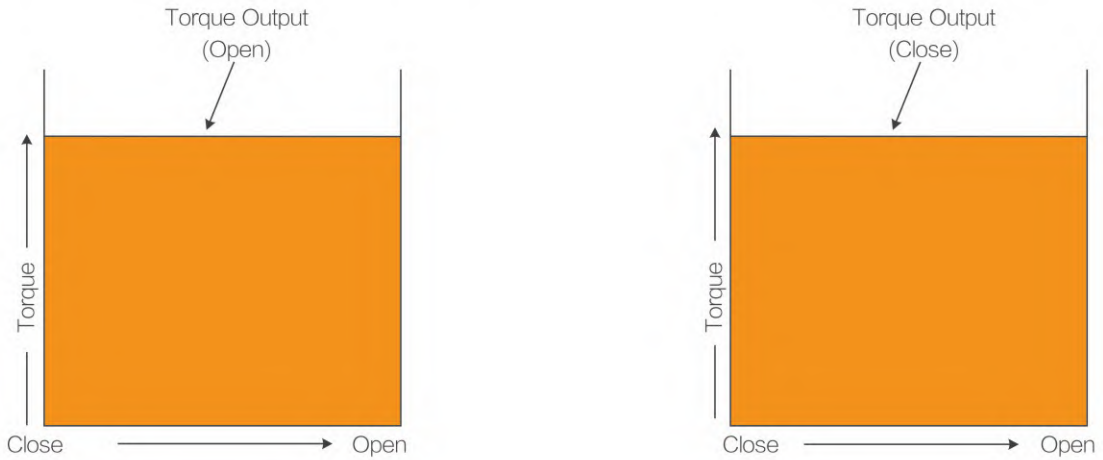
Calculation

Since the torque provided by YS140 n = S05 is greater than the sizing torque (see point 3) and less than the maximum rod torque (see point 5), the size YS140 n = S05 is suitable for operating this valve.

Note: If the first actuator found does not exceed the valve torque in all positions, check the actuator of the next size. If the actuator of the next size exceeds the valve torque at all positions but fails at the maximum rod torque, check for the same actuator, but the spring setting is higher to meet this requirement.

Selection Double Acting Actuator

Figure 4. Double Acting Torque Characteristics



Double Acting Size Calculation Case

- Published valve opening torque: 354in.lbs
- Announced maximum stem torque: 929in.lbs
- Recommended safety factor: (20%)
- Minimum supply pressure: 5.5 bar (80 psi)
- Maximum supply pressure: 6.5 bar (94 psi)

Calculation

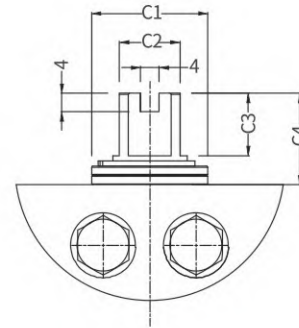
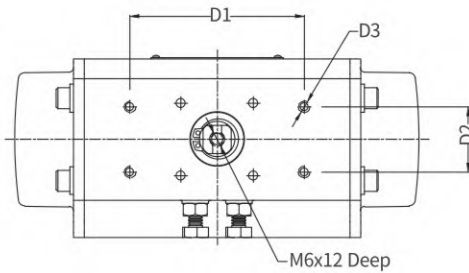
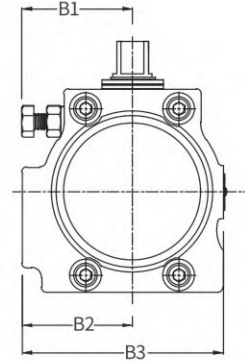
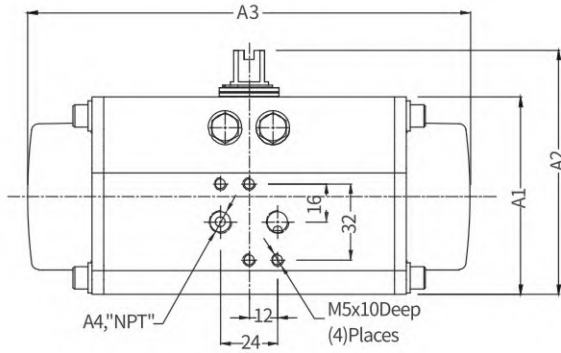
1. Since the recommended safety factor is 1.2,
Therefore the selection torque will be $354 \times 1.2 = 425$ in.lbs
2. In the 5.5 bar column (or 80 PSI) of the double-acting torque meter, a top-down lookup yields the first actuator of 425 in.lbs.
3. Model YD085 provides over 869 in.lbs of torque at 5.5 Bar and is therefore the preferred actuator.
4. The YD085's torque at 5.5 Bar is 869 in.lbs, which is lower than the maximum stem torque of 929in.lbs.

Calculation

Since the YD085 provides more torque than the selected torque (see point 3) and less than the maximum stem torque (see point 4), the specification YD085 is suitable for operating this valve.

Size - Imperial (ISO5211)

Housing size. Solenoid interface. Top mounting interface



Actuator Size

Code	063	085	100	125	140	160	190	210	240
A1	3.19	5.26	5.08	6.26	7.16	7.68	9.06	10.16	12.82
A2	4.12	4.33	6.01	7.60	8.50	8.94	10.24	11.42	11.56
A3	7.32	10.12	11.81	15.35	17.66	19.13	21.73	23.54	27.59
B1	1.78	2.21	2.65	3.19	3.39	4.34	5.03	5.39	6.03
B2	3.17	2.28	2.68	3.15	3.54	3.45	4.06	4.49	5.12
B3	1.77	4.13	4.84	5.85	6.54	6.89	8.11	8.98	10.24
C1	0.98	1.38	1.50	2.05	2.05	2.25	2.25	2.76	3.25
C2	0.51	0.75	0.87	1.06	1.06	0.88	0.88	1.26	1.26
C3	0.53	0.50	0.44	0.79	0.79	0.81	0.79	0.67	0.69
C4	0.79	0.79	0.79	1.18	1.18	1.18	1.18	1.18	1.18
D1	3.15	3.15	3.15	5.12	5.12	5.12	5.12	5.12	5.12
D2	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18	1.18
D3	4xM5	4xM5	4xM5	4xM5	4xM5	4xM5	4xM5	4xM5	4xM5

Company Profile

Resilient Seated Butterfly Valve

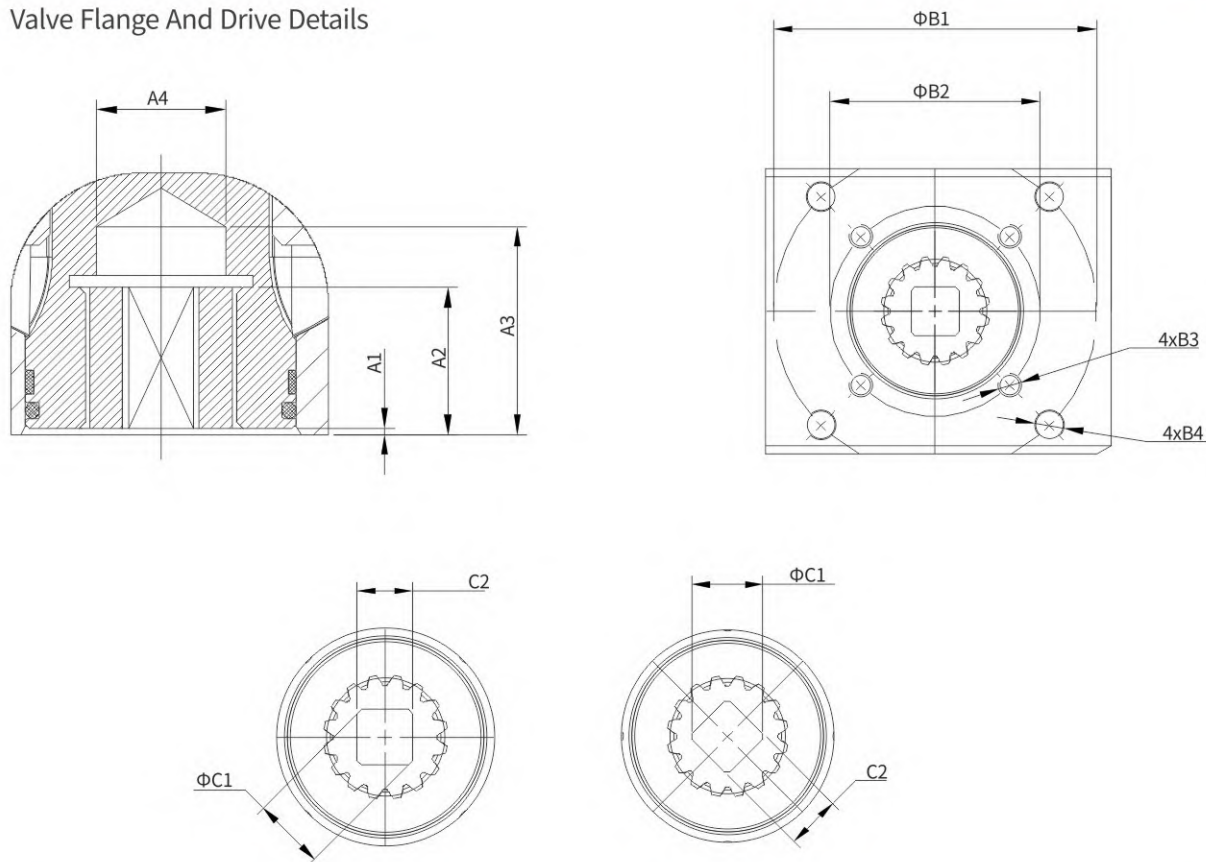
Double Eccentric High Performance Butterfly Valve

Turbine Actuator

Pneumatic Actuator

Dimensions - Imperial(ISO5211)

Valve Flange And Drive Details



Actuator Size (inches)

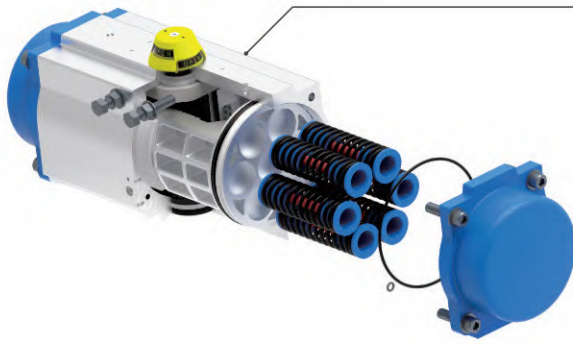
Code	063	085	100	125	140	160	190	210	240
A1	0.06	0.06	0.06	0.06	0.08	0.08	0.08	0.12	0.12
A2	0.55	0.71	0.71	1.10	1.10	x.xx	x.xx	x.xx	x.xx
A3	1.25	1.50	1.50	2.00	2.00	x.xx	x.xx	x.xx	x.xx
A4	0.71	0.83	0.83	1.10	1.10	x.xx	x.xx	x.xx	x.xx
DIN 1	F07	F07	F10	F12	F12	F12	F12	F16	F16
ΦB1	2.76	2.76	4.02	4.92	4.92	4.92	4.92	6.50	6.50
DIN 2	F05	F05	F07	F10	F10	F10	F10	F12	F12
ΦB2	1.97	1.97	2.76	4.02	4.02	4.02	4.02	4.92	4.92
B3	M8x0.47	M8x0.47	M10x0.59	M12x0.71	M12x0.71	M12x0.71	M12x0.71	M20x0.79	M20x0.79
B4	M6x0.39	M6x0.39	M8x0.47	M10x0.59	M10x0.59	M10x0.59	M10x0.59	M12x0.71	M12x0.71
ΦC1	0.55	0.71	1.00	1.10	1.47	1.47	2.29	2.37	2.37
C2 Max	0.43	0.55	0.67	0.87	1.06	1.06	1.42	1.82	1.82

Low Temperature Execution

Description

Double piston, rack and pinion pneumatic actuators with explosion-proof pinions and piston support systems with high-load synthetic bearings at all bearing points.

This version is a standard aluminum actuator, but combines grease, O-ring seals and bearing materials, for use at temperatures down to -40° F (-40° C).



Low temperature components:
 -TT1 grease
 -Silicone (MVQ70 rubber) O-ring seal

Note: When operating the actuator below zero temperature (<0° C or <32° F), care should be taken to prevent the effects of icing inside the actuator.

Specification

Maximum Pressure: 120 psig (8.3 barg)
 Torque: Standard
 Medium: Air or non-Corrosive Gases

Temperature: -40° F to + 176° F (-40° C to + 80° C)
 Surface Treatment: Hard Anodizing

Spare Parts

A dedicated low temperature spare kit can be used to maintain or convert standard actuators to versions suitable for low temperature operation.

Description	Material
Cylinder Block	Aluminum Alloy
End Cap	Aluminum Alloy
Piston	Aluminum Alloy
Pinion	Carbon Steel
Spring Group	Spring Steel
Piston Support Bearing	Ptfe
Piston Bearing	25% Carbon Filled Ptfe
Limit Cam	Stainless Steel
Pinion Bearing	PTFE
Washer	Stainless Steel
Thrust Washer	Pom
Circlip	Stainless Steel
End Cap Screw	Stainless Steel
End Cap Screw Washer	Stainless Steel
End Cap Seal O-ring	Silica Gel
Pinion Seal O-ring	Silica Gel
Piston Seal O-ring	Silica Gel
B Air Inlet Seal O-ring	Silica Gel
Stopper Seal O-ring	Silica Gel
Limit Washer	Stainless Steel
Limit Nut	Stainless Steel
Limit Screw	Stainless Steel
Indicator Assembly	Abs + Stainless Steel Screws
Adapters	Aluminum Alloy

Company Profile

Resilient Seated Butterfly Valve

Double Eccentric High Performance Butterfly Valve

Turbine Actuator

Pneumatic Actuator

High Temperature Execution

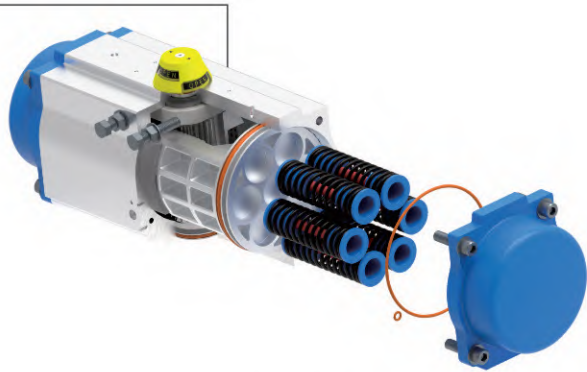
Description

Double piston, rack and pinion pneumatic actuator with explosion-proof pinion and piston support system with high-load synthetic bearings at all bearing points.

This version is a standard aluminum actuator, but combines grease, O-ring seals and bearing materials, suitable for use at high temperatures of 248 ° F (120 ° C).

High Temperature Components:

- High temperature grease
- Fluororubber (FPM) O-ring
- PTFE 25% carbon filled piston bearing
- Nylon 66 resin containing aramid fiber and PTFE for bearing rod piston rack and pinion bearing



Specification

Maximum Pressure: 120 psig (8.3 bar)

Torque: Standard

Medium: Air or non-corrosive Gases

Temperature: -4° F to +248° F (-20° C to +120° C)

Surface Treatment: Hard Anodizing

Spare Parts

A dedicated low temperature spare kit can be used to maintain or convert standard actuators to versions suitable for low temperature operation.

Description	Material
Cylinder Block	Aluminum Alloy
End Cap	Aluminum Alloy
Piston	Aluminum Alloy
Pinion	Carbon Steel
Spring Group	Spring Steel
Piston Support Bearing	Nylon
Piston Bearing	25% Carbon Filled PTFE
Limit Cam	Stainless Steel
Pinion Bearing	Nylon
Washer	Stainless Steel
Thrust Washer	POM
Circlip	Stainless Steel
End Cap Screw	Stainless Steel
End Cap Screw Washer	Stainless Steel
End Cap Seal O-ring	Fluorine Rubber
Pinion Seal O-ring	Fluorine Rubber
Piston Seal O-ring	Fluorine Rubber
B Air Inlet Seal O-ring	Fluorine Rubber
Stopper Seal O-ring	Fluorine Rubber
Limit Washer	Stainless Steel
Limit Nut	Stainless Steel
Limit Screw	Stainless Steel
Indicator Assembly	ABS +Stainless Steel Screws
Adapters	Aluminum Alloy

Visual Indicator Evermark Y Series Actuator

Description

The Evermark Y series actuators have a visual position indicator that clearly indicates the position of the valve in almost any position.

The Evermark Y-Series indicator is designed for the actuator to be mounted "in-line" with the pipe and mounted on the "crossing line" with the pipe.

The conversion can be easily accomplished by rotating the indicator 90° and reinstalling it. By default, the position indicator will be installed in tandem.

Specification

Material

Indicator Knob: ABS + PC Molded Plastic

Indicator arrow: ABS molded plastic and printing

Indicator screw: hexagon socket screw M6x12



Actuator Open



Actuator Off



Company Profile

Resilient Seated Butterfly Valve

Double Eccentric High Performance Butterfly Valve

Turbine Actuator