



AUTOMATED BUTTERFLY VALVES

DYNAFLY 70/72 SERIES: HVAC, COMMERCIAL, UTILITY AND GENERAL INDUSTRIAL APPLICATIONS



Sizes
2"-12"

Cartridge Style Seated (Lug/Wafer) *Electrically Actuated* | 200 PSI CWP

ELECTRIC ACTUATED



The DynaFly 70 Wafer and 72 Lug Series are the valves of choice when both cost and quality are considerations. Pre-sized and pre-assembled with our MA series electric actuators, these valves come standard with Iron body and disc and black Buna cartridge-style seats with Phenolic backing. Other voltages and body or seat materials available upon request.

- Wafer or Lug Style Iron Body and Disc
- One-Piece 416 SS Stem with Precision Taper Pins
- Cartridge-Style Buna Seat with Phenolic Backing
- Extended Neck for Insulated Piping
- Nema 4 Housing with Manual Override and Handwheel
- Self-Locking Gear Train and Reversing Motor

Note: PLEASE CALL DynaQuip Customer Service for recommendations and actuator sizing when dirty or severe service applications are needed.

Electric Actuated		120 VAC	230 VAC (1-ph)	230 VAC (3-ph)	460 (3-ph)
Size	Body type	Model Number	Model Number	Model Number	Model Number
2"	Wafer	70F60902E07	70F60902E07B	70F60902E07F	70F60902E07G
2.5"	Wafer	70F60925E07	70F60925E07B	70F60925E07F	70F60925E07G
3"	Wafer	70F60903E07	70F60903E07B	70F60903E07F	70F60903E07G
4"	Wafer	70F60904E01	70F60904E01B	70F60904E01F	70F60904E01G
5"	Wafer	70F60905E01	70F60905E01B	70F60905E01F	70F60905E01G
6"	Wafer	70F60906E02	70F60906E02B	70F60906E02F	70F60906E02G
8"	Wafer	70F60908E03	70F60908E03B	70F60908E03F	70F60908E03G
10"	Wafer	70F60910E03	70F60910E03B	70F60910E03F	70F60910E03G
12"	Wafer	70F60912E04	70F60912E04B	70F60912E04F	70F60912E04G

Electric Actuated		120 VAC	230 VAC (1-ph)	230 VAC (3-ph)	460 (3-ph)
Size	Body type	Model Number	Model Number	Model Number	Model Number
2"	Lug	72F60902E07	72F60902E07B	72F60902E07F	72F60902E07G
2.5"	Lug	72F60925E07	72F60925E07B	72F60925E07F	72F60925E07G
3"	Lug	72F60903E07	72F60903E07B	72F60903E07F	72F60903E07G
4"	Lug	72F60904E01	72F60904E01B	72F60904E01F	72F60904E01G
5"	Lug	72F60905E01	72F60905E01B	72F60905E01F	72F60905E01G
6"	Lug	72F60906E02	72F60906E02B	72F60906E02F	72F60906E02G
8"	Lug	72F60908E03	72F60908E03B	72F60908E03F	72F60908E03G
10"	Lug	72F60910E03	72F60910E03B	72F60910E03F	72F60910E03G
12"	Lug	72F60912E04	72F60912E04B	72F60912E04F	72F60912E04G



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Sizes
2"-12"

Cartridge Style Seated (Lug/Wafer) *Pneumatic Actuated* | 200 PSI CWP

PNEUMATIC ACTUATED



The DynaFly 70 Wafer and 72 Lug Series are the valves of choice when both cost and quality are considerations. Pre-sized and pre-assembled with our AP series pneumatic actuators, these valves come standard with iron body and disc and black Buna cartridge-style seat. Pilot solenoids, positioners, or other sizes and materials are available upon request.

- Wafer or Lug Style Iron Body and Disc
- One-Piece 416 SS Stem with Precision Taper Pins
- Cartridge-Style Buna Seat with Phenolic Backing
- Extended Neck for Insulated Piping
- Double Acting or Spring Return Dual Rack & Pinion Actuators

Note: PLEASE CALL DynaQuip Customer Service for recommendations and actuator sizing when dirty or severe service applications are needed.

Pneumatic Actuated		With Double Acting Actuator	With Spring Return (FC) Actuator	With Spring Return (FO) Actuator
Size	Body type	Model Number	Model Number	Model Number
2"	Wafer	70F60902D03	70F60902S035	70F60902S034F
2.5"	Wafer	70F60925D03	70F60925S054	72F60925S054F
3"	Wafer	70F60903D05	70F60903S064	70F60903S064F
4"	Wafer	70F60904D06	70F60904S075	70F60904S074F
5"	Wafer	70F60905D07	70F60905S085	70F60905S084F
6"	Wafer	70F60906D08	70F60906S104	70F60906S104F
8"	Wafer	70F60908D09	70F60908S115	70F60908S114F
10"	Wafer	70F60910D10	70F60910S125	70F60910S124F
12"	Wafer	70F60912D12	70F60912S135	70F60912S134F

Pneumatic Actuated		With Double Acting Actuator	With Spring Return (FC) Actuator	With Spring Return (FO) Actuator
Size	Body Type	Model Number	Model Number	Model Number
2"	Lug	72F60902D03	72F60902S035	72F60902S034F
2.5"	Lug	72F60925D03	72F60925S054	72F60925S054F
3"	Lug	72F60903D05	72F60903S064	72F60903S064F
4"	Lug	72F60904D06	72F60904S075	72F60904S074F
5"	Lug	72F60905D07	72F60905S085	72F60905S084F
6"	Lug	72F60906D08	72F60906S104	72F60906S104F
8"	Lug	72F60908D09	72F60908S115	72F60908S114F
10"	Lug	72F60910D10	72F60910S125	72F60910S124F
12"	Lug	72F60912D12	72F60912S135	72F60912S134F



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Electric and Pneumatic DynaFly Numbering Guide

X X - **X X** - **X X** - **X X** - **X X X** - **X**
SERIES **BODY/DISC MATERIAL** **SEAT MATERIAL** **VALVE SIZE** **ACTUATOR** **OPTIONS**

Series
70 - Wafer Cartridge Sealed
72 - Lug Cartridge Sealed

Body/Disc Material		
CODE	BODY	DISC
F6 (182)	Ductile Iron	Ductile Iron
F7 (185)	Ductile Iron	Aluminum Bronze
FA (822)	Ductile Iron	SS

Seat Material		
CODE	SEAT MATERIAL	COLOR
653	TFE/VITON®	White
515	EPDM	Black
540	VITON®	Black
570	BUNA-N	Black

Valve Size		
02-2"	06-6"	16-16"
25-2.5"	08-8"	18-18"
03-3"	10-10"	20-20"
04-4"	12-12"	24-24"
05-5"	14-14"	30-30"



Electric Actuators

Electric Actuators				
E01 - MA7	E02 - MA13	E03 - MA35	E04 - MA44	E05 - MA57
E06 - MA88	E07 - MA4	E08 - MA132	E09 - MA177	E10 - MA221
E11 - MA265	E12 - MA309	E13 - MA20		



Electric Actuator Options MA Series	
B - 220 VAC PH1	C - 24 VAC PH1
D - 12 VDC	E - 24 VDC
F - 230 VAC PH3	G - 460 VAC PH3



Pneumatic Actuators

Double Acting Pneumatic Actuators				
D01 AP10DA	D02 AP20DA	D03 AP30DA	D04 AP34DA	
D05 AP52DA	D06 AP73DA	D07 AP103DA	D08 AP148DA	
D09 AP222DA	D10 AP295DA	D31 APU30DA	D32 APU52DA	
D33 APU73DA	D34 APU103DA	D35 APU148DA	D36 APU222DA	
D37 APU295DA	D38 APU470DA	D39 APU586DA	D40 APU900DA	
D41 APU1213DA	D42 APU2366DA	D43 APU2958DA	D44 APU3720DA	

Spring Return Pneumatic Actuators			
S033 - AP30SR3	S034 - AP30SR4	S054 - AP52SR4	S064 - AP73SR4
S065 - AP73SR5	S074 - AP103SR4	S075 - AP103SR5	S084 - AP148SR4
S094 - AP222SR4	S103 - AP295SR3	S104 - AP295SR4	S105 - AP295SR5
S114 - AP470SR4	S115 - AP470SR5	S315 - APU30SR5	S325 - APU52SR5
S335 - APU73SR5	S345 - APU103SR5	S355 - APU148SR5	S365 - APU222SR5
S374 - APU295SR4	S375 - APU295SR5	S384 - APU470SR4	S385 - APU470SR5
S395 - APU586SR5	S405 - APU900SR5	S415 - APU1213SR5	S425 - APU2366SR5
S435 - APU2958SR5	S445 - APU3720SR5		

Pneumatic Actuator Options	
A - Solenoid Pilot Valve, 120AC	
A2 - Solenoid Pilot Valve, 24VAC	
A3 - Solenoid Pilot Valve, 24VDC	
A4 - Solenoid Pilot Valve, 12 VDC	
B - Limit Switch, 2 SPDT Switches (145820.01)	
B2 - Limit Switch, 2 SPDT Switches (NEMA 4, 4x, 7, 9)	
C - Pneu Positioner w/ gauges 3-15psi (40N-S1N-SF)	
D - Electro-Pneu Positioner, 4-20 mA (41N-E1N-SF)	
F - Fail "Open"	



Visit www.dynaquip.com for more information

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