

Valve Automation - Butterfly Valves

DynaFly 60/62 Series

HVAC, Commercial, Utility, and General Industrial Applications

Cartridge Style Seated (Lug/Wafer) Electrically Actuated

200 PSI CWP

The DynaFly 60 Wafer and 62 Lug Series are the valves of choice when both cost and quality are considerations.

Sizes
2"-12"

Pre-sized and preassembled with our MA series electric actuators, these valves come standard with iron body and disc and black Buna cartridge-style seat. Other voltages and body or seat materials are available on request.

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

Electric Actuator details and accessories can be found on pages 26 and 27.

- 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



Electric Actuated		120 VAC	230 VAC (1-ph)	230 VAC (3-ph)	460 (3-ph)
Size	Body Type	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number
2"	Wafer	60F11302E01	60F11302E01B	60F11302E01F	60F11302E01G
2 1/2"	Wafer	60F11325E01	60F11325E01B	60F11325E01F	60F11325E01G
3"	Wafer	60F11303E01	60F11303E01B	60F11303E01F	60F11303E01G
4"	Wafer	60F11304E01	60F11304E01B	60F11304E01F	60F11304E01G
5"	Wafer	60F11305E01	60F11305E01B	60F11305E01F	60F11305E01G
6"	Wafer	60F11306E02	60F11306E02B	60F11306E02F	60F11306E02G
8"	Wafer	60F11308E03	60F11308E03B	60F11308E03F	60F11308E03G
10"	Wafer	60F11310E03	60F11310E03B	60F11310E03F	60F11310E03G
12"	Wafer	60F11312E04	60F11312E04B	60F11312E04F	60F11312E04G

Electric Actuated		120 VAC	230 VAC (1-ph)	230 VAC (3-ph)	460 (3-ph)
Size	Body Type	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number
2"	Lug	62F61302E01	62F61302E01B	62F61302E01F	62F61302E01G
2 1/2"	Lug	62F61325E01	62F61325E01B	62F61325E01F	62F61325E01G
3"	Lug	62F61303E01	62F61303E01B	62F61303E01F	62F61303E01G
4"	Lug	62F61304E01	62F61304E01B	62F61304E01F	62F61304E01G
5"	Lug	62F61305E01	62F61305E01B	62F61305E01F	62F61305E01G
6"	Lug	62F61306E02	62F61306E02B	62F61306E02F	62F61306E02G
8"	Lug	62F61308E03	62F61308E03B	62F61308E03F	62F61308E03G
10"	Lug	62F61310E03	62F61310E03B	62F61310E03F	62F61310E03G
12"	Lug	62F61312E04	62F61312E04B	62F61312E04F	62F61312E04G

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Cartridge Style Seated (Lug/Wafer) Pneumatic Actuated

200 PSI CWP

The **DynaFly 60 Wafer and 62 Lug Series** are the valves of choice when both cost and quality are

Sizes
2"-12"

considerations. Pre-sized and preassembled 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 on request.

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

Pneumatic Actuator details and accessories can be found on pages 28 and 29.

- **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**



Pneumatic Actuated		With Double Acting Actuator	With Spring Return (FC) Actuator	With Spring Return (FO) Actuator
Size	Body Type	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number
2"	Wafer	60F11302D31	60F11302S315	60F11302S314F
2 1/2"	Wafer	60F11325D31	60F11325S324	60F11325S324F
3"	Wafer	60F11303D32	60F11303S064	60F11303S064F
4"	Wafer	60F11304D33	60F11304S345	60F11304S344F
5"	Wafer	60F11305D34	60F11305S355	60F11305S354F
6"	Wafer	60F11306D35	60F11306S104	60F11306S104F
8"	Wafer	60F11308D36	60F11308S385	60F11308S384F
10"	Wafer	60F11310D37	60F11310S395	60F11310S394F
12"	Wafer	60F11312D38	60F11312S405	60F11312S404F

Pneumatic Actuated		With Double Acting Actuator	With Spring Return (FC) Actuator	With Spring Return (FO) Actuator
Size	Body Type	DynaQuip Model Number	DynaQuip Model Number	DynaQuip Model Number
2"	Lug	62F61302D31	62F61302S315	62F61302S314F
2 1/2"	Lug	62F61325D31	62F61325S324	62F61325S324F
3"	Lug	62F61303D32	62F61303S064	62F61303S064F
4"	Lug	62F61304D33	62F61304S345	62F61304S344F
5"	Lug	62F61305D34	62F61305S355	62F61305S354F
6"	Lug	62F61306D35	62F61306S104	62F61306S104F
8"	Lug	62F61308D36	62F61308S385	62F61308S384F
10"	Lug	62F61310D37	62F61310S395	62F61310S394F
12"	Lug	62F61312D38	62F61312S405	62F61312S404F

Electric DynaFly Numbering Guide

6 2 F 6 1 3 0 6 E 0 2 F

Series Body/Disc Trim Seat Valve Size Electric Actuator Options

Series
30 - Wafer Resilient Seat-Nylon
32 - Lug Resilient Seat-Nylon
50 - Wafer Resilient Seat
52 - Lug Resilient Seat
60 - Wafer Cartridge Seat
62 - Lug Cartridge Seat
89 - Wafer Resilient (Split Body) Seat
82 - Lug Resilient (Split Body) Seat

Body/Disc Trim
F1 - (169) Cast Iron / Ductile Iron
F2 - (170) Ductile Iron / Nylon 11 Coated Iron
F3 - (174) Aluminum / Ductile Iron
F4 - (175) Aluminum / Alum-Bronze
F5 - (180) Aluminum / Nylon
F6 - (182) Ductile Iron / Ductile Iron
F7 - (185) Ductile Iron / Aluminum Bronze
F8 - (705) SS / Teflon® coated SS
F9 - (755) SS / SS
FA - (822) Ductile Iron / SS
FB - (828) Aluminum / SS
FC - (823) Cast Iron / SS
FD - (508) Ductile Iron / Teflon
FF - (163) Cast Iron / Bronze
Substitute "U" for "F" to designate undercut disc

Seat
03 - (515) EPDM
07 - (540) Viton®
08 - (561) Silicone
11 - (650) PTFE coated EPDM
12 - (652) PTFE coated BUNA-N
13 - (700) All Season Nitrile

Valve Size
02 - 2"
25 - 2 1/2"
03 - 3"
04 - 4"
05 - 5"
06 - 6"
08 - 8"
10 - 10"
12 - 12"
14 - 14"
16 - 16"
18 - 18"
20 - 20"
24 - 24"
30 - 30"

Electric Actuators
E01 - MA7
E02 - MA13
E03 - MA35
E04 - MA44
E05 - MA57
E06 - MA88
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 DynaFly Numbering Guide

6 2 F A 0 3 1 4 S 4 0 5 D 1

Series

Body/Disc Trim

Seat

Valve Size

Pneumatic Actuator

Options

Series

30 - Wafer Resilient Seat-Nylon
 32 - Lug Resilient Seat-Nylon
 50 - Wafer Resilient Seat
 52 - Lug Resilient Seat
 60 - Wafer Cartridge Seat
 62 - Lug Cartridge Seat
 89 - Wafer Resilient (Split Body) Seat
 82 - Lug Resilient (Split Body) Seat

Body/Disc Trim

F1 - (169) Cast Iron / Ductile Iron
 F2 - (170) Ductile Iron /Nylon 11 Iron
 F3 - (174) Aluminum / Ductile Iron
 F4 - (175) Aluminum / Alum-Bronze
 F5 - (180) Aluminum / Nylon
 F6 - (182) Ductile Iron / Ductile Iron
 F7 - (185) Ductile Iron / Aluminum Bronze
 F8 - (705) SS / Teflon® coated SS
 F9 - (755) SS / SS
 FA - (822) Ductile Iron / SS
 FB - (828) Aluminum / SS
 FC - (823) Cast Iron / SS
 FD - (508) Ductile Iron / Teflon
 FF - (163) Cast Iron / Bronze
 Substitute "U" for "F" to designate undercut disc

Seat

03 - (515) EPDM
 07 - (540) Viton®
 08 - (561) Silicone
 11 - (650) PTFE coated EPDM
 12 - (652) PTFE coated BUNA-N
 13 - (700) All Season Nitrile

Valve Size

02 - 2"	06 - 6"	16 - 16"
25 - 2 1/2"	08 - 8"	18 - 18"
03 - 3"	10 - 10"	20 - 20"
04 - 4"	12 - 12"	24 - 24"
05 - 5"	14 - 14"	30 - 30"

Spring Return Pneumatic Actuators

S012 - AP10SR2
 S022 - AP20SR2
 S023 - AP20SR3
 S024 - AP20SR4
 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

Double Acting Pneumatic Actuators

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



Pneumatic Actuator Options

A - Solenoid Pilot Valve, 120AC
 A2 - Solenoid Pilot Valve, 24VAC
 A3 - Solenoid Pilot Valve, 24VDC
 A4 - Solenoid Pilot Valve, 12VDC
 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"