



## KEYSTONE OPTISEAL RESILIENT SEATED BUTTERFLY VALVES

MODEL CODE OPTIONS AND DESCRIPTIONS - NORTH AMERICA AND EUROPE ONLY

<b>Series</b>		<b>Size</b>	<b>End Connection</b>	<b>Drilling / Schedule</b>	<b>Face to Face</b>	<b>Pressure Rating</b>		<b>Body Material</b>	<b>Disc Material</b>	<b>Stem Material</b>	<b>Seat Material</b>	<b>Stem Seal</b>	<b>Operator Mounting Type</b>	<b>Actuation Type</b>		<b>Optional Feature 1</b>	<b>Optional Feature...</b>		<b>Actuation Option</b>
OPTI	-	0050	W0	P1	00	06	-	D5	D02	S0	F0	00	I	B	-	NP1	TPZ	+	GS-001



### SERIES

Code	Description
OPTI	OptiSeal

### SIZE

Code	Description
0040	DN 40 / NPS 1½
0050	DN 50 / NPS 2
0065	DN 65 / NPS 2½
0080	DN 80 / NPS 3
0100	DN 100 / NPS 4
0125	DN 125 / NPS 5
0150	DN 150 / NPS 6
0200	DN 200 / NPS 8
0250	DN 250 / NPS 10
0300	DN 300 / NPS 12
0350	DN 350 / NPS 14
0400	DN 400 / NPS 16
0450	DN 450 / NPS 18
0500	DN 500 / NPS 20
0600	DN 600 / NPS 24
0700	DN 700 / NPS 28
0750	DN 750 / NPS 30
0800	DN 800 / NPS 32
0900	DN 900 / NPS 36
1000	DN 1000 / NPS 40

### END CONNECTION

Code	Description
W0	Wafer
L0	Lugged

### DRILLING / SCHEDULE

Code	Description
P1	PN 6
P2	PN 10
P3	PN 16
PB	PN 10 / 16
MH	PN 10 / 16, AS 2129 E
MN	PN 10 / 16, JIS 10
MJ	PN 10, JIS 10
A1	ASME 150
J1	JIS 5K
J3	JIS 10K
B2	BS 10 table E
M1	ASME 150, PN 10/16, BS E, JIS 10
M2	ASME 150, PN 10/16, BS E
MF	ASME 150, PN 10/16, BS E, JIS 5/10
MG	ASME 150, PN 10/16, BS E, JIS 10/16
M9	ASME 150, PN 6/10/16, BS E, JIS 10
ZZ	Special

### FACE TO FACE

Code	Description
00	Standard (refer to product literature)

### PRESSURE RATING

Code	Description
04	3.5 bar / 50 psi
06	6 bar / 90 psi
10	10 bar / 150 psi
16	16 bar / 230 psi

### BODY MATERIAL

Code	Description
D5	Ductile Iron EN-GJS-400-15
DB	Ductile Iron EN-GJS-400-18-U-LT
CJ	Carbon Steel 1.0619 (GP240GH)
I3	Cast Iron EN 1561 EN-GJL-250 (5.1301)
J1	Stainless Steel 1.4408 (GX5CrNiMo 19-11-2)
ZZ	Special

### DISC MATERIAL

Code	Description
D02	Ductile Iron - Epoxy
C0T	Steel - PTFE
C0E	Steel - EPDM
S00	Stainless Steel 316
S0M	Stainless Steel 316 - Mirror Polished
S0P	Stainless Steel 316 - Pickled + Passivated
S0S	Stainless Steel 316 - Satin Finish
N00	Nickel Aluminium Bronze
U00	Duplex 2205
H00	Hastelloy C-276
P10	Composite XP 1620

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OPTI	-	0050	W0	P1	00	06	-	D5	D02	S0	F0	00	I	B	-	NP1	TPZ	+ GS-001

### STEM MATERIAL

Code	Description
S0	Stainless Steel 316
S2	Stainless Steel 431
M1	Monel K500
U0	Stainless Steel Duplex
ZZ	Special

### SEAT MATERIAL

Code	Description
F0	FKM - A
E0	EPDM - FG HT
E1	EPDM - FG
E5	EPDM - WA3
E6	EPDM - Metal Reinforced
N0	NBR - FG
N8	NBR - Metal Reinforced
N9	NBR - White
F2	FKM - B
T1	PTFE / EPDM
ZZ	Special

### STEM SEAL

Code	Description
00	Standard (Refer to Product Literature)
ZZ	Special

### OPERATOR MOUNTING TYPE

Code	Description
I	ISO 5211

### ACTUATION TYPE

Code	Description
B	Bare Stem

### OPTIONAL FEATURES

Code	Description
NP1	Additional 316 Stainless Steel Tag
TPZ	Special Hydrostatic Test Report
CLE	Oil and Grease Surface Cleaning (GS-40)
PSL	Silver Paint

### NOTE

For the full list of optional features, consult your local Emerson representative.

### ADDITIONAL ACTUATION OPTIONS

Code	Description
HS-##	Standard Handle <sup>[1]</sup>
GS-###	Standard Gear <sup>[1]</sup>
PS-###	Standard Pneumatic <sup>[2]</sup>
HZ	Other Handle <sup>[3]</sup>
GZ	Other Gear Operators <sup>[3]</sup>
PZ	Other Pneumatic Actuators <sup>[3]</sup>
EZ	Other Electric Actuators <sup>[3]</sup>

### NOTES

1. Additional characters identify specific handle or gear. For the full list, consult the Handles and Gear Operators Addendum [\[VCREP-14325\]](#).
2. Additional characters identify actuator configuration.
3. Required operator, mounting and accessory part number(s) are specified per order acknowledgement.

### NOTE

For the full list of optional features, consult your local Emerson representative.

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