

For use in China, Europe, Middle East, North America and South East Asia only.

# Keystone OptiSeal

## Resilient Seated Butterfly Valves

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



### Model / Series

Code	Description
OPTI	OptiSeal

### Size

Code	Description
40	DN 40 / NPS 1½
50	DN 50 / NPS 2
65	DN 65 / NPS 2½
80	DN 80 / NPS 3
100	DN 100 / NPS 4
125	DN 125 / NPS 5
150	DN 150 / NPS 6
200	DN 200 / NPS 8
250	DN 250 / NPS 10
300	DN 300 / NPS 12

### 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

### Stem Material

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

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

### 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

### 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>

### ACTUATION NOTES

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

### GENERAL NOTES

1. This document is intended for product model code decodification, not product configuration. Option availability and compatibility may be dependent on the selection of another option. For product configuration support, consult your local Emerson representative.
2. This list of options is not exhaustive. Consult your local Emerson representative for additional options.

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