

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

Keystone Series GR

Resilient Seated Butterfly Valves

Model / Series	Size	End Connection	Drilling / Schedule	Face-to-Face	Pressure Rating	Body Material	Disc Material	Stem Material	Seat Material	Sealing Material	Mounting Type	Actuation Type	Optional Feature 1	Optional Feature ...	Actuation Option
GR	0200	L0	A1	00	16	D1	S00	S0	E0	00	K	B	NP1	TPZ	GS-001



Model / Series

Code	Description
GR	Series GR

Size

Code	Description
0020	DN 20 / NPS ¾
0025	DN 25 / NPS 1
0032	DN 32 / NPS 1¼
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
1050	DN 1050 / NPS 42
1100	DN 1100 / NPS 44

Size (continued)

Code	Description
1200	DN 1200 / NPS 48
1350	DN 1350 / NPS 54
1400	DN 1400 / NPS 56
1500	DN 1500 / NPS 60
1600	DN 1600 / NPS 64
1650	DN 1650 / NPS 66
1800	DN 1800 / NPS 72
ZZZZ	Special

End Connection

Code	Description
L0	Lugged
W0	Wafer
F0	Flanged

Drilling / Schedule

Code	Description
A1	ASME 150
C2	AWWA C207 - UNC
MB	PN 6/10/16, ASME 150
M1	M1 - PN 10/16, ASME 150, BS E, JIS 10
M2	PN 10/16, ASME 150, BS E
PB	PN 10/16
P1	PN 6
P2	PN 10
P3	PN 16
ZZ	Special

Face-to-Face

Code	Description
00	Standard (Refer to Product Literature)

Pressure Rating

Code	Description
04	3.5 Bar / 50 psi
10	10 Bar / 150 psi
16	16 Bar / 230 psi
ZZ	Pressure Rating not Specified

Body Material

Code	Description
D1	Ductile Iron A536 65-45-12 / EN 5.3106 (JS1030)
D2	Ductile Iron EN-GJS-400-18-LT / A395 60-40-18
D3	Ductile Iron A395 60-40-18
D5	Ductile Iron EN-GJS-400-15
CQ	Carbon Steel A216 WCB / EN 1.0619
SQ	Stainless Steel A351 CF8M / EN 1.4408
ZZ	Special

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Disc Material

Code	Description
D01	Ductile Iron - ENP (NPS 2 - 12)
D02	Ductile Iron - Epoxy (NPS 14 - 72)
D03	Ductile Iron - Nylon
D04	Ductile Iron - FBE Blue
D07	Ductile Iron - Ebonite
U00	Duplex 2205
V00	Super Duplex 2507 (S32750)
S00	Stainless Steel 316
S10	Stainless Steel 304
A00	Aluminium Bronze
N00	Nickle Aluminium Bronze
ZZZ	Special

Stem Material

Code	Description
S0	Stainless Steel 316 (NPS 2 - 12)
S2	Stainless Steel 431
U0	Stainless Steel Duplex
V0	Super Duplex 2507 (S32750)
M1	Monel K500
ZZ	Special

Seat Material

Code	Description
E0	EPDM - FG HT
E5	EPDM - WA3
E6	EPDM - Metal Reinforced
N0	NBR - FG
N7	NBR - DVGW-G
N9	NBR - White
N8	NBR - Metal Reinforced
F0	FKM - A
H1	HNBR
ZZ	Special

Sealing Material

Code	Description
00	Standard (Refer to Product Literature)

Operator Mounting Type

Code	Description
I	ISO 5211
K	Keystone Design

Actuation Type

Code	Description
B	Bare Stem

Optional Features

Code	Description
NP1	Additional 316 Stainless Steel Tag
TPZ	Special Hydrostatic Test Report

Additional Actuation Options

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

ACTUATION 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 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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