



PROMECH
—W A T E R—

**GATE VALVES
PRODUCT CATALOGUE**

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NRS METAL SEATED GATE VALVE / F4

MSF4-NRS-06



Dimension Range	DN40 → DN150
Body & Bonnet:	GG-25 Cast Iron (EN GJL 250)
	GGG-40 Ductile Iron (EN GJS 400-15)
Wedge	GG-25 / GGG-40
Stem	AISI 304 / 316 / 420 Stainless Steel
Gasket	EPDM / PTFE
Connection Type	Flanged / F4
Max. Operating Temperature	120 °C
Max. Working Pressure	PN6

Optional: Body and wedge can be made from GS-C25 Cast Steel, Bronze or AISI 304/316 stainless steel.

NRS METAL SEATED GATE VALVE / F4

MSF4-NRS-16



Dimension Range	DN40 → DN1000
Body & Bonnet:	GG-25 Cast Iron (EN GJL 250)
	GGG-40 Ductile Iron (EN GJS 400-15)
Wedge	GG-25 / GGG-40
Stem	AISI 304 / 316 / 420 Stainless Steel
Gasket	EPDM / PTFE
Connection Type	Flanged / F4
Max. Operating Temperature	120 °C
Max. Working Pressure	PN16

Optional: Body and wedge can be made from GS-C25 Cast Steel, Bronze or AISI 304/316 stainless steel.

NRS METAL SEATED GATE VALVE / F5

MSF5-NRS-40



Dimension Range	DN40 → DN1000
Body & Bonnet:	GG-25 Cast Iron (EN GJL 250)
	GGG-40 Ductile Iron (EN GJS 400-15)
Wedge	GG-25 / GGG-40
Stem	AISI 304 / 316 / 420 Stainless Steel
Gasket	EPDM / PTFE
Connection Type	Flanged / F5
Max. Operating Temperature	120 °C
Max. Working Pressure	PN40

Optional: Body and wedge can be made from GS-C25 Cast Steel, Bronze or AISI 304/316 stainless steel.

NRS RESILIENT SEATED GATE VALVE / F4

ESF4-NRS-16



Dimension Range	DN40 → DN600
Body & Bonnet:	GG-25 Cast Iron (EN GJL 250)
	GGG-40 Ductile Iron (EN GJS 400-15)
Wedge	Rubber (Elastomer) Coated Ductile Iron
Stem	AISI 304 / 316 / 420 Stainless Steel
Gasket	EPDM / PTFE
Connection Type	Flanged / F4
Max. Operating Temperature	110 ° C
Max. Working Pressure	PN16

NRS RESILIENT SEATED GATE VALVE / F5

ESF5-NRS-25



Dimension Range	DN40 → DN300
Body & Bonnet:	GGG-40 Ductile Iron (EN GJS 400-15)
Wedge	Rubber (Elastomer) Coated Ductile Iron
Stem	AISI 304 / 316 / 420 Stainless Steel
Gasket	EPDM / NBR
Connection Type	Flanged / F5
Max. Operating Temperature	110 ° C
Max. Working Pressure	PN25

RISING STEM METAL SEATED GATE VALVE / F4

MSF4-RS-10



Dimension Range	DN40 → DN600
Body & Bonnet:	GG-25 Cast Iron (EN GJL 250)
	GGG-40 Ductile Iron (EN GJS 400-15)
Wedge	GG-25 / GGG-40
Stem	AISI 304 / 316 / 420 Stainless Steel
Gasket	EPDM / Klingerite / Graphite
Connection Type	Flanged / F4
Max. Operating Temperature	400 ° C
Max. Working Pressure	PN10

RISING STEM METAL SEATED GATE VALVE / F5

MSF5-RS-40



Dimension Range	DN40 → DN600
Body & Bonnet:	GG-25 Cast Iron (EN GJL 250)
	GGG-40 Ductile Iron (EN GJS 400-15)
Wedge	GG-25 / GGG-40
Stem	AISI 304 / 316 / 420 Stainless Steel
Gasket	EPDM / Klingerite / Graphite
Connection Type	Flanged / F5
Max. Operating Temperature	400 ° C
Max. Working Pressure	PN40

Optional: Body and wedge can be made from GS-C25 Cast Steel, Bronze or AISI 304/316 stainless steel.

NRS METAL SEATED GATE VALVE WITH LEVEL INDICATOR / F4

MSF4-NRS-16IN



Dimension Range	DN40 → DN1000
Body & Bonnet	GG-25 Cast Iron (EN GJL 250)
	GGG-40 Ductile Iron (EN GJS 400-15)
Wedge	GG-25 / GGG-40
Stem	AISI 304 / 316 / 420 Stainless Steel
Gasket	EPDM / NBR / Klingerite / Graphite
Indicator and Pin	AISI 304 / 316 / 420 Stainless Steel / MS58
Connection Type	Flanged / F4
Max. Operating Temperature	120 °C
Max. Working Pressure	PN16
Optional: Body, Bonnet and wedge can be made from GS-C25 Cast Steel, Bronze or AISI 304/316 S.S.	

NRS METAL SEATED GATE VALVE WITH LEVEL INDICATOR / F4 WITH STUFFING BOX

MSF4-NRS-16INST



Dimension Range	DN40 → DN600
Body & Bonnet	GG-25 Cast Iron (EN GJL 250)
	GGG-40 Ductile Iron (EN GJS 400-15)
Wedge	GG-25 / GGG-40
Stem	AISI 304 / 316 / 420 Stainless Steel
Gasket	EPDM / Klingerite / Graphite
Indicator and Pin	AISI 304 / 316 / 420 Stainless Steel / MS58
Stuffing Box	GG-25 / GGG-40
Connection Type	Flanged / F4
Max. Operating Temperature	120 °C
Max. Working Pressure	PN16
Optional: Body, Bonnet and wedge can be made from GS-C25 Cast Steel, Bronze or AISI 304/316 S.S.	

NRS METAL SEATED GATE VALVE / F7

MSF4-NRS-64



Dimension Range	DN40 → DN600
Body & Bonnet:	GS-C25 Cast Steel (EN GS 200) AISI 304 / AISI 316 Stainless Steel
Wedge	GS-C25 Cast Steel (EN GS 200) AISI 304 / AISI 316 Stainless Steel
Gasket	Graphite / Graphite + AISI 304
Connection Type	Flanged / F7
Max. Operating Temperature	400 ° C
Max. Working Pressure	PN64

NRS METAL SEATED GATE VALVE / F7

MSF4-NRS-100



Dimension Range	DN40 → DN600
Body & Bonnet:	GS-C25 Cast Steel (EN GS 200) AISI 304 / AISI 316 Stainless Steel
Wedge	GS-C25 Cast Steel (EN GS 200) AISI 304 / AISI 316 Stainless Steel
Gasket	Graphite / Graphite + AISI 304
Connection Type	Flanged / F7
Max. Operating Temperature	400 ° C
Max. Working Pressure	PN100

NRS & RS METAL SEATED KNIFE GATE VALVE MANUAL AND PNEUMATIC / F4

MSF4-16KN



Dimension Range	DN40 → DN1000
Body & Bonnet	GG-25 Cast Iron (EN GJL 250) GGG-40 Ductile Iron (EN GJS 400-15)
Wedge	GG-25 / GGG-40 / Rubber (Elastomer)
Body Seat	EPDM / NBR / PTFE / Viton
Packing	GG-25 / GGG-40/50
Knife	AISI 304 / 316 Stainless Steel
Stem	AISI 304 / 316 / 420 Stainless Steel
Connection Type	Flanged / Wafer - Lug Type
Max. Operating Temperature	120 ° C
Max. Working Pressure	PN16

Optional: 1. Body and packing can be made from GS-C25 Cast Steel, Bronze or AISI 304 / 316 S.S.
2. Gearbox, Pneumatic and Electric actuators can be integrated.
3. A rising stem version is available