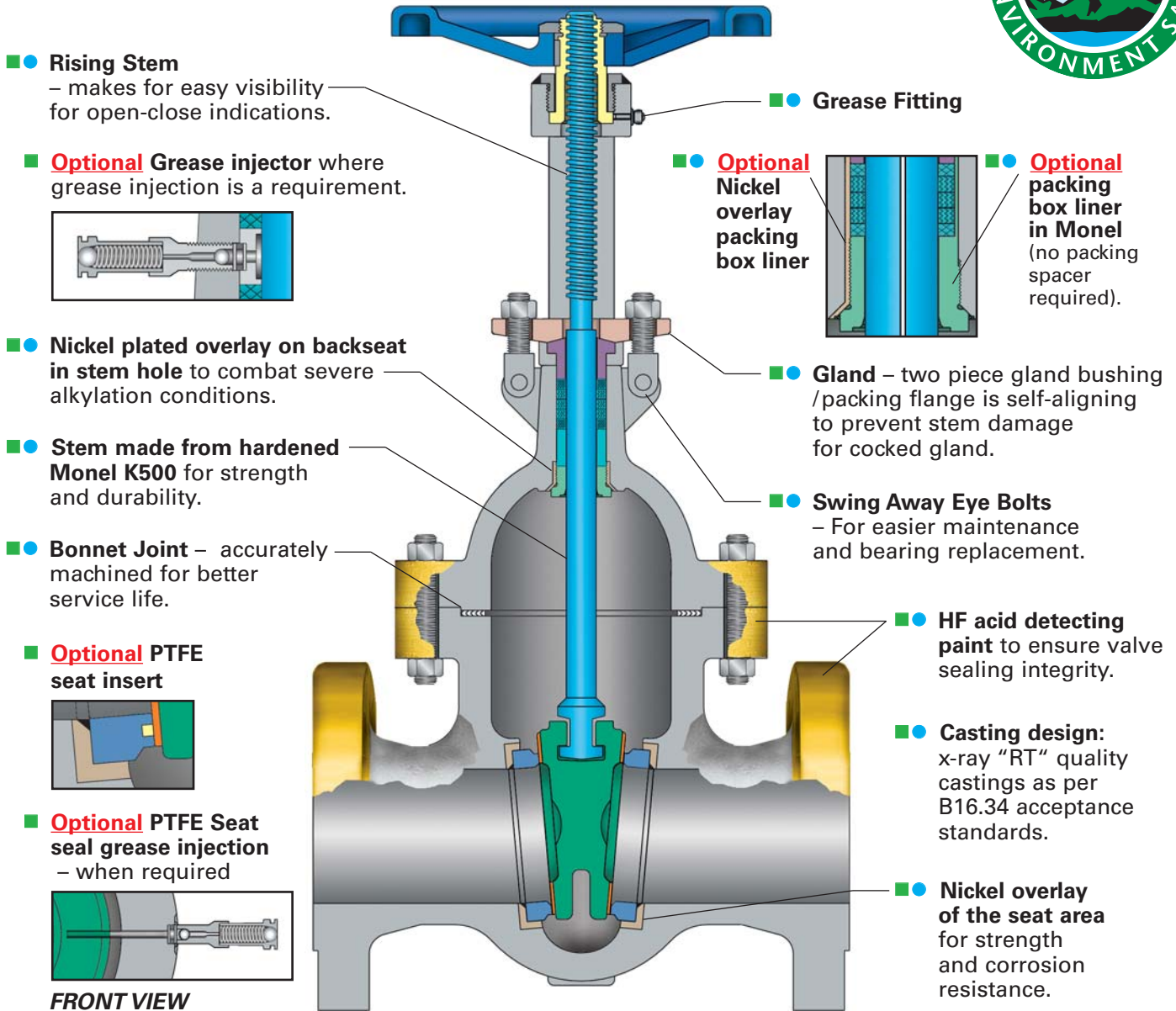


VELAN

HF ACID GATE, GLOBE AND CHECK VALVES
 CARBON STEEL AND MONEL 2– 36" (50– 900 mm)
 PRESSURE CLASSES 150 –300

HYDROFLUORIC ACID PROCESSING VALVES



FRONT VIEW

■ UOP • PHILLIPS

FOR HF SERVICE WE RECOMMEND THE FOLLOWING TRIM

STEM	Monel K 500
WEDGE & DISC	Monel or Monel with Teflon insert
SEATS	Monel
GASKET	Monel and Graphite

PACKING	Graphite for low emission
BODY/BONNET BOLTING	A 193-B7M studs & A 194-2HM nuts
PAINT	Acid detecting paint: Ameron "On-Guard"



HF ACID GATE, GLOBE AND CHECK VALVES
CARBON STEEL AND MONEL 2– 36" (50– 900 mm)
 PRESSURE CLASSES 150 –300

HYDROFLUORIC ACID PROCESSING VALVES

VELAN HF-ACID VALVES (PHILLIPS)

SIZE	END CONN.	CLASS	MATERIAL	DESCRIPTION	MODEL NUMBER
2" - 36"	FLG	300	WCB/A182	Gate, NSH	**F-1064C-02HM-P1
2" - 36"	FLG	300	WCB/A182	Gate, MSB	**F-1064C-02HM-P2
2" - 36"	FLG	300	Monel	Gate	**F-1064C-19HM-P1
2" - 12"	FLG	300	WCB/A182	Globe, NSH	**F-1074C-02HM-P1
2" - 12"	FLG	300	WCB/A182	Globe, MSB	**F-1074C-02HM-P2
2" - 12"	FLG	300	Monel	Globe	**F-1074C-19HM-P1
2" - 30"	FLG	300	WCB/A182	Check, Swing	**F-1114C-02HM-P1
2" - 30"	FLG	300	Monel	Check, Swing	**F-1114C-19HM-P1

VELAN HF-ACID VALVES (UOP)

SIZE	END CONN.	CLASS	MATERIAL	DESCRIPTION	MODEL NUMBER
2" to 36"	FLG	150	WCB/A182	Gate, NSH	**F-0064C-02HM-U1
2" to 36"	FLG	150	WCB/A182	Gate, MSB	**F-0064C-02HM-U2
2" to 36"	FLG	300	WCB/A182	Gate, NSH	**F-1064C-02HM-U1
2" to 36"	FLG	300	WCB/A182	Gate, MSB	**F-1064C-02HM-U2
2" to 36"	FLG	300	WCB/A182	Gate, SI, T, NSH	**F-1064C-02HM-U6
2" to 36"	FLG	300	Monel	Gate, SI, SS	**F-1064C-19HM-U5
2" to 36"	FLG	300	WCB/A182	Gate, NSB, SI, T,	**F-1064C-02HM-U9
2" to 12"	FLG	150	WCB/A182	Globe, NSH	**F-0074C-02HM-U1
2" to 12"	FLG	150	WCB/A182	Globe, MSB	**F-0074C-02HM-U2
2" to 12"	FLG	300	Monel	Globe, SI, SS	**F-1074C-19HM-U5
2" to 12"	FLG	300	WCB/A182	Globe, SI, T	**F-1074C-02HM-U6
2" to 12"	FLG	300	WCB/A182	Globe, NSH	**F-1074C-02HM-U1
2" to 12"	FLG	300	WCB/A182	Globe, MSB	**F-1074C-02HM-U2
2" to 12"	FLG	300	WCB/A182	Globe, SI, SS, NSH	**F-1074C-02HM-U5
2" to 12"	FLG	300	WCB/A182	Globe, NSB, SI, SS, T	**F-1074C-02HM-U8
2" to 12"	FLG	300	WCB/A182	Globe, NSB, SI, T	**F-1074C-02HM-U9
2" to 30"	FLG	150	WCB/A182	Check, Swing	**F-0114C-02HM-U1
2" to 30"	FLG	300	WCB/A182	Check, Swing	**F-1114C-02HM-U1
2" to 30"	FLG	300	MONEL	Check, Swing	**F-1114C-19HM-U1

UNDER MATERIAL

Body and bonnet material.
Trim is always Monel.

UNDER DESCRIPTION

- "T" means PTFE seat insert.
- "MSB" means Monel lined stuffing box option.
- "NSB" means Nickel lined stuffing box and stem hole option.
- "NSH" means Nickel lined stem hole.
- "SI" indicates stem sealant injection installed.
- "SS" indicates seat sealant injection installed.

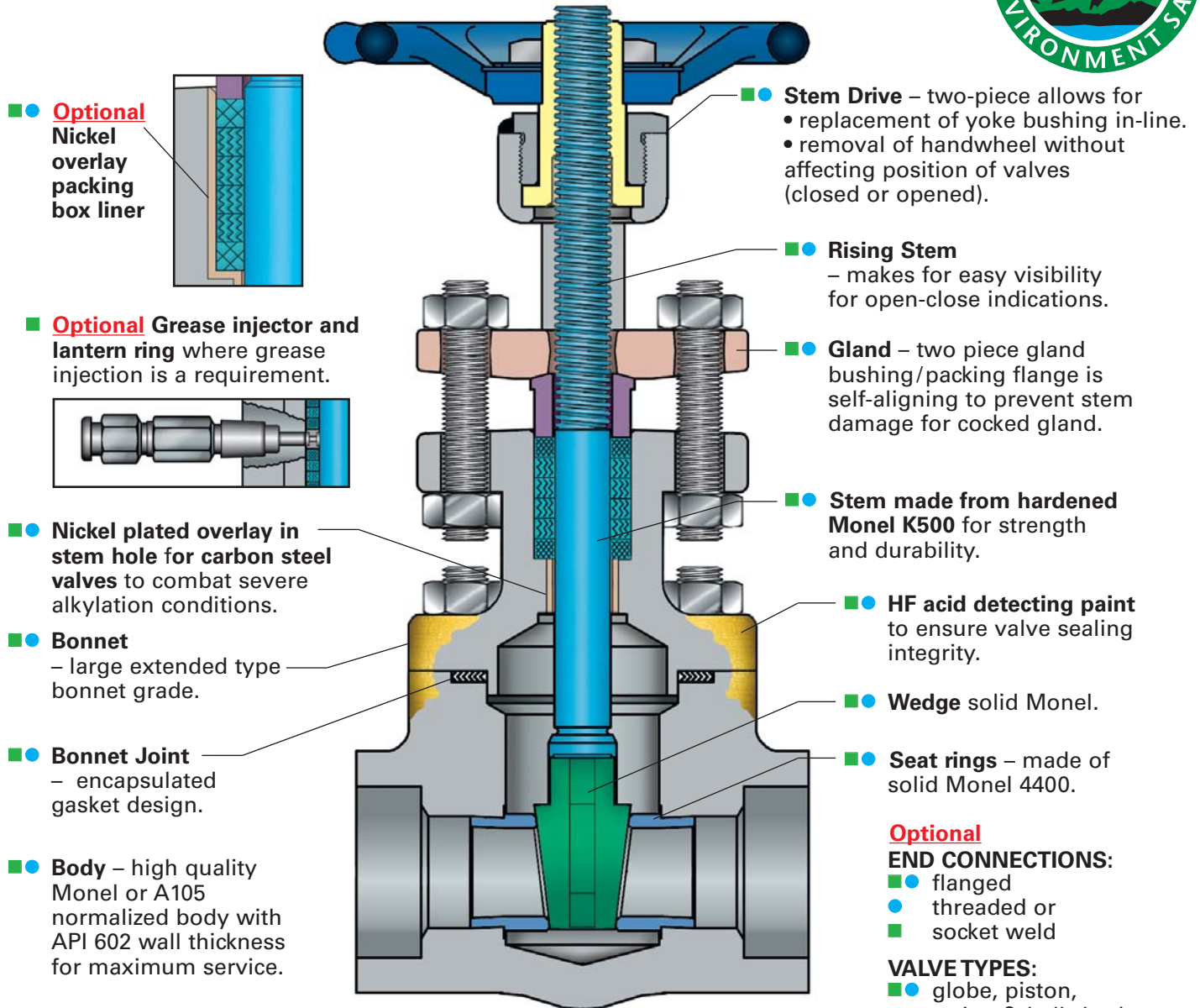
UNDER MODEL NUMBER

"**" Indicates size needs to be added, for example 8"

VELAN

HF ACID GATE, GLOBE AND CHECK VALVES
 API 602 COMPACT FORGED STEEL 1/2– 2" (15–50 mm)
 PRESSURE CLASSES 300, 800

HYDROFLUORIC ACID PROCESSING VALVES



■ UOP • PHILLIPS

FOR HF SERVICE WE RECOMMEND THE FOLLOWING TRIM

STEM	Monel K 500	PACKING	Graphite for low emission
WEDGE & DISC	Monel or Monel with Teflon insert	BODY/BONNET BOLTING	A 193-B7M studs & A 194-2HM nuts
SEATS	Monel	PAINT	Acid detecting paint: Ameron "On-Guard"
GASKET	Monel and Graphite		

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www.velan.com



HF ACID GATE, GLOBE AND CHECK VALVES
API 602 COMPACT FORGED STEEL 1/2– 2" (15–50 mm)
 PRESSURE CLASSES 300, 800

HYDROFLUORIC ACID PROCESSING VALVES

VELAN HF-ACID VALVES (PHILLIPS)

SIZE	END CONN.	CLASS	MATERIAL	DESCRIPTION	MODEL NUMBER
Up to 1"	THD	800	Monel	Gate	**S-2054B-19HM-P1
Up to 1"	THD	800	A-105	Gate NSH	**S-2054B-02HM-P1
Up to 1"	THD	800	A-105	Gate, NSB	**S-2054B-02HM-P2
2"	FLG	300	Monel	Gate	**F-1054B-19HM-P1
2"	FLG	300	A-105	Gate NSH	**F-1054B-02HM-P1
2"	FLG	300	A-105	Gate NSB	**F-1054B-02HM-P2
3/4"	THD	800	Monel	Globe, T	**S-2074B-13HM-P3
Up to 1"	THD	800	Monel	Globe	**S-2074B-19HM-P1
3/4 to 1"	THD	800	A-105	Globe, T, NSH	**S-2074B-19HM-P3
2"	FLG	300	Monel	Globe	**F-1074B19HM-P1
1 1/2 to 2"	FLG	300	A-105	Globe, NSH	**F-1074B02HM-P1
2"	FLG	300	A-105	Globe, NSB	**F-1074B02HM-P2
Up to 1"	THD	800	Monel	Check, Swing	**S-2114B-19HM-P1
Up to 1"	THD	800	Monel	Check, Piston	**S-2034B-19HM-P1
Up to 1"	THD	800	Monel	Check, Ball	**S-2024B-19HM-P1

VELAN HF-ACID VALVES (UOP)

SIZE	END CONN.	CLASS	MATERIAL	DESCRIPTION	MODEL NUMBER
1/2 to 1 1/2"	SW	800	Monel	Gate, SI	**W-2054B-19HM-U4
1/2 to 1"	SW	800	A-105	Gate, SI, T, NSH	**W-2054B-02HM-U6
1/2 to 1"	SW	800	A-105	Gate, SI	**W-2054B-02HM-U4
1/2 to 1"	SW	800	A-105	Gate	**W-2054B-02HM-U1
1/2 to 2"	SW	800	A-105	Gate, NSB	**W-2054B-02HM-U2
1 1/2 to 2"	FLG	300	Monel	Gate, SI	**W-1054B-19HM-U4
1 1/2 to 2"	FLG	300	A-105	Gate, SI, T	**W-1054B-02HM-U6
1/2 to 1"	FLG	600	Monel	Gate, SI	**F-2054B-19HM-U4
1/2 to 1 1/2"	SW	800	Monel	Globe, SI, SS	**W-2074B-19HM-U5
1/2 to 1"	SW	800	A-105	Globe, SI, SS	**W-2074B-02HM-U5
1/2 to 1"	SW	800	A-105	Globe, SI, T	**W-2074B-02HM-U6
1/2 to 1"	SW	800	A-105	Globe, SI, NSH	**W-2074B-02HM-U4
1/2 to 2"	SW	800	A-105	Globe	**W-2074B-02HM-U1
1/2 to 2"	SW	800	A-105	Globe, NSB	**W-2074B-02HM-U2
1 1/2 to 2"	FLG	300	A-105	Globe, SI, T	**F-1074B-02HM-U6
1 1/2 to 2"	FLG	300	Monel	Gate, SI, SS	**F-1074B-19HM-U5
1/2 to 1"	FLG	600	Monel	Globe, SI, SS	**F-2074B-19HM-U5
1/2 to 1 1/2"	SW	800	Monel	Check, Swing	**W-2114B-19HM-U1
1/2 to 1 1/2"	SW	800	Monel	Check, Piston	**W-2034B-19HM-U1
1/2 to 1 1/2"	SW	800	Monel	Check, Ball	**W-2024B-19HM-U1
1/2 to 1"	FLG	600	Monel	Check, Swing	**F-2114B-19HM-U1

UNDER MATERIAL

Body and bonnet material.
Trim is always Monel.

UNDER DESCRIPTION

- "T" means PTFE seat insert.
- "NSB" means Nickel lined stuffing box and stem hole option.
- "NSH" means Nickel lined stem hole.
- "SI" indicates stem sealant injection installed.
- "SS" indicates seat sealant injection installed.

UNDER MODEL NUMBER

"**" Indicates size needs to be added, for example 3/4"