

STAINLESS STEEL HIGH PERFORMANCE TRANSMITTER ISOLATION VALVE

The figure 2020TIVT is an all cast stainless steel body and yoke with investment cast packing follower.

Features:

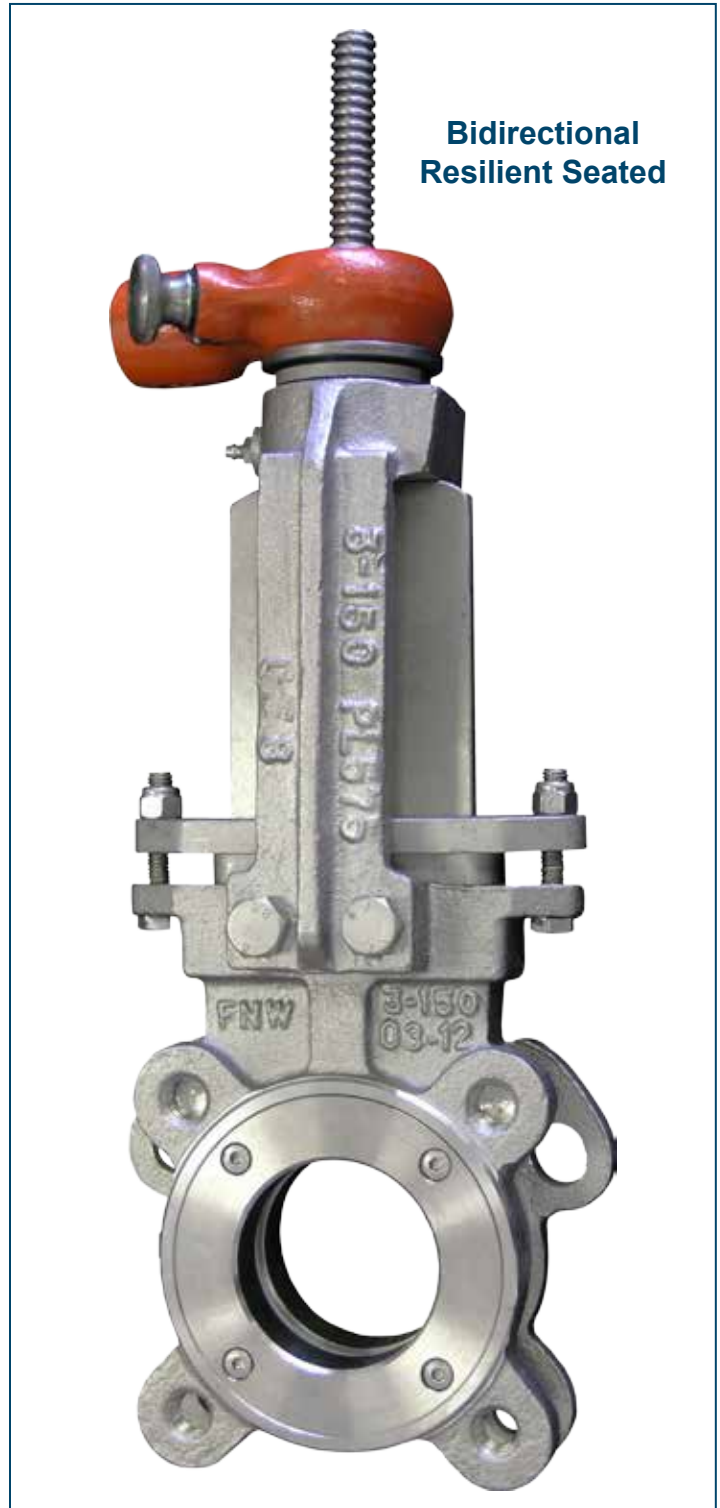
- Reinforced Teflon Seats for Positive Shut Off at Minimal Line Pressure
- Bidirectional Shutoff
- Cast Stainless Steel Body, Yoke and Packing Gland
- Reversible Ratchet Operator, Standard
- Rising Stem
- Meets MSS SP-81 Specifications for 150 PSI CWP
- Available in size 3"

Standards:

- Design: MSS SP-81
- Flange Drilling: ANSI B16.5
- Material: ASME B16.34

Part Number

Size	Part Number
3"	FNW2020TIVT



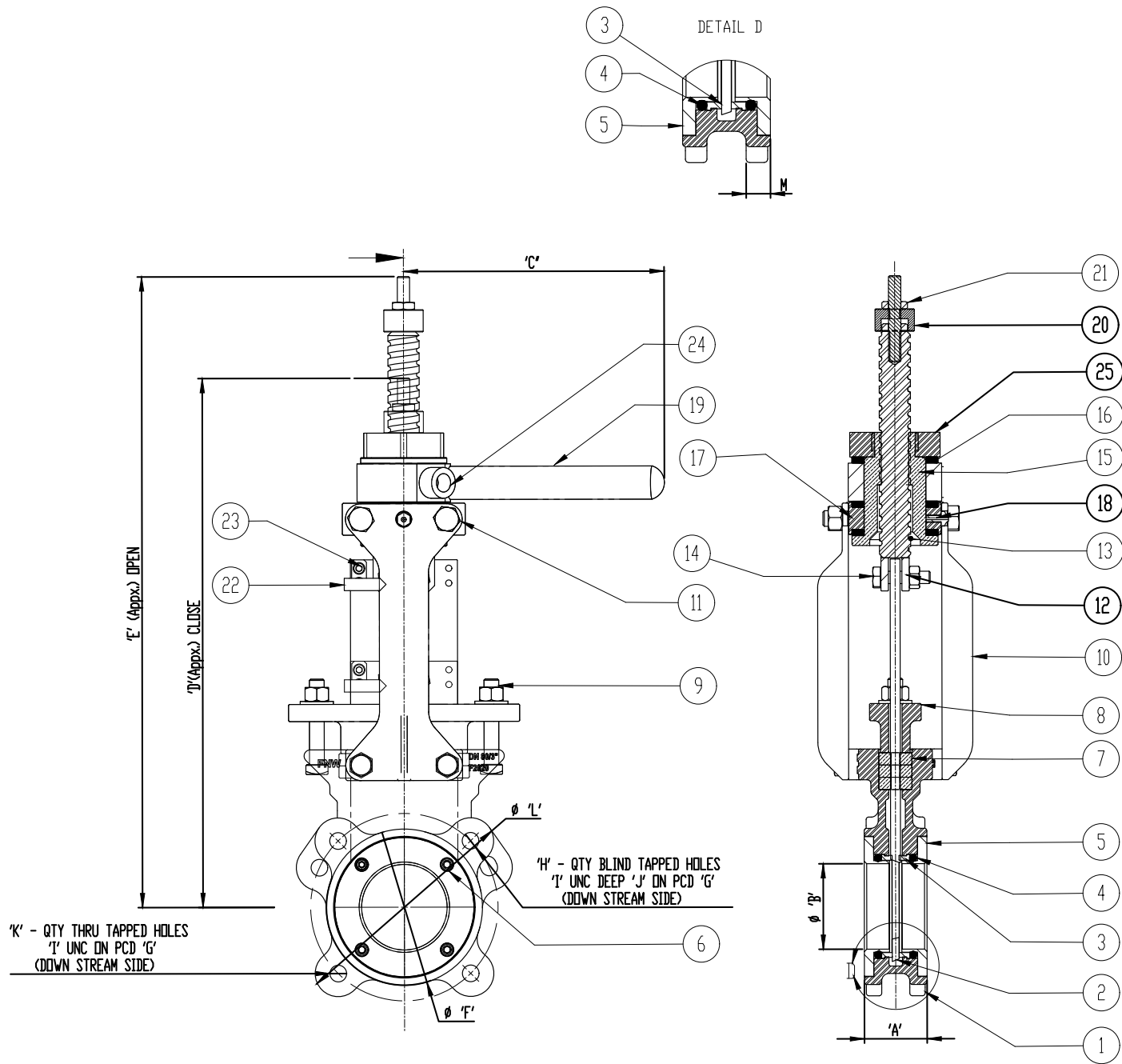
Standard Materials

25	LOCK NUT	ST.STEEL 304
24	LOCKING PIN	ASTM A 276 Gr. 304
23	BOLT & NUT, NYLOCK (Arrow indicator)	ST.STEEL 304
22	ARROW INDICATOR	ASTM A 240 Gr.304
21	FASTNERS (Stem & Stopper)	ASTM A 193 Gr.B8/ASTM A 194 Gr.8
20	STOPPER	ASTM A 276 Gr.304
19	RACHET LEVER	CARBON STEEL ASTM A 36
18	GREASE NIPPLE	BRASS
17	COLLAR	ASTM A 240 Gr.SS 304
16	THRUST NEEDLE BEARING	STAINLESS STEEL
15	YOKE SLEEVE	ASTM B 148 Gr. C95200
14	BOLT & NUT , NYLOCK (Clevis)	ST.STEEL 304
13	STEM	ASTM A 276 Gr.304
12	CLEVIS	ASTM A 351 Gr.CF8
11	BOLTS (Yoke)	ST.STEEL 304
10	YOKE	ASTM A 351 Gr.CF8
9	BOLT & NUT , NYLOCK (Gland)	ST.STEEL 304
8	GLAND	ASTM A 351 Gr.CF8M
7	PACKING	PTFE WITH ONE LAYER OF EPDM QUAD SEAL
6	FASTENERS (Retainer Ring & Body)	ASTM A 193 Gr.B8M
5	RETAINER RING	ASTM A 351 Gr.CF8M
4	O'RING	EPDM
3	SEAT RING	RTFE
2	GATE	ASTM A 240 Gr.316
1	BODY	ASTM A 351 Gr.CF8M
ITEM No.	DESCRIPTION	MATERIAL

Options

FNW Valve Company offers many options and modifications for valves. These include, but are not limited to:

- Actuation including ratchets, chain wheels, AWWA nuts, gear-operators, pneumatic & hydraulic cylinders, and electric actuators
- Packing options for pH and temperature requirements
- Back seat stops for low ΔP or reverse operation applications, or to prevent knife blade deflection
- V-ports for reduced plugging in metering applications
- Stem extensions in carbon and stainless steel
- Conversion to non-rising stem (NRS)
- Deflection cones in Ni-Hard and HDPE for added seat and gate protection in abrasive services
- Flush ports to clear suspended matter from the valve chest or seat pocket area
- Quick opening levers
- Gate scraper



Dimensions

VALVE SIZE	A	K	Ø B	Ø C	D	E	Ø F	Ø G	H	I	J	Ø L	H (MINIMUM)	Ø P	R
80 (3")	51.0 (2.00)	2	69.5 (2.74)	203.0 (8.00)	420.0 (16.54)	503.0 (19.80)	127.0 (5.00)	152.5 (6.00)	2	5/8"-11	10.0 (0.39)	190.0 (7.50)	12.7 (0.50)	13.5	4

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