

TOWNLEY

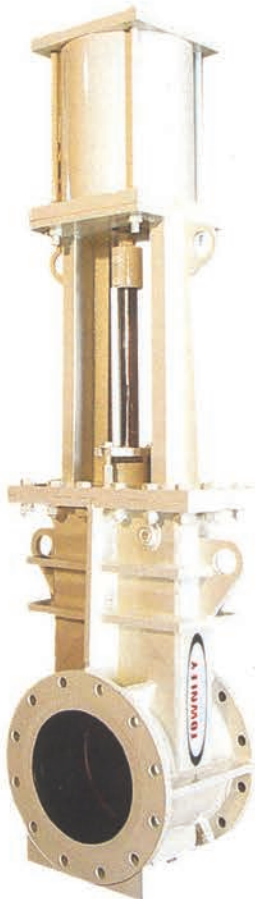
Engineering & Manufacturing Co., Inc.

VALVES

Series 150

Series 150 Heavy-Duty Knife Gate Valve

- Heavy-duty fabricated body resists mechanical and pressure-induced damage
- Flange-style body for improved strength
- Custom "face to face" dimension upon request
- Variety of materials to match application
- Towniprene® urethane-lined seat and body for fine feed
- Optional high-chrome or Ni-Hard inserts available to match abrasive application
- Heavy-duty blade cuts through media



- Tapered edges and blade body assures easy opening without binding
- Combine stainless steel blade with Towniprene® urethane-lined seat and body for excellent corrosion resistance
- Features standard 150 PSI rating with higher service rating upon request
- 150# drilling standard, custom drilling by request
- Optional mechanical lockout for safety
- Bi-directional flow
- Hand-wheel standard adaptable to existing actuation or new
- 4" through 36" full port ID available
- Used valve is fully rebuildable at our factory
- Bonneted design allows simplified sealing of shaft only



Typical Applications

Designed for isolation or diversion in a variety of circuits. This valve is an excellent choice for flow management of abrasive slurries.

- Power plant "bottom-ash"
- Phosphate matrix and tailings
- Limestone slurry
- Sand and silica
- Metallurgical coal prep
- Hydrotransport of oil sands

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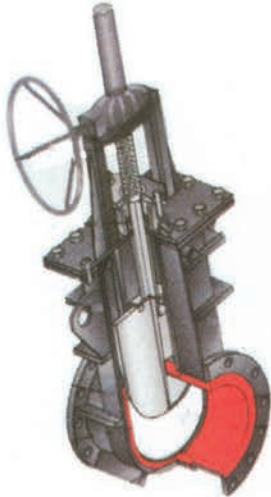
Townley Tough!
1-800-342-9920

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Series 150



Materials of Construction

Body	Welded alloy construction
Body Lining	Towniprene® urethane elastomer, hi-chrome inserts available
Blade	316 or 317 stainless steel, tapered edges and flats
Seat	Towniprene urethane elastomer
Shaft	316 or 317 stainless steel
Body Finish	Epoxy painted
Actuation	Handwheel std. Optional: air, elec., hydraulic actuation available
Flange	150# drilling std., custom drilling available

General Dimensions														
	4	6	8	10	12	14	16	18	20	22	24	30	36	
ID	3 ¹ / ₂ "	5 ¹ / ₂ "	7 ¹ / ₂ "	9 ¹ / ₂ "	12"	13 ¹ / ₄ "	15 ¹ / ₄ "	17 ¹ / ₄ "	19 ¹ / ₄ "	21 ¹ / ₄ "	23 ¹ / ₄ "	29 ¹ / ₄ "	35 ¹ / ₄ "	<i>inside diam</i>
F/F	9"	10 ¹ / ₂ "	11 ¹ / ₂ "	13	14	15	16	17	18	20	20	24	24	<i>face to face</i>
B-H	17 ¹ / ₂ "	19 ¹ / ₂ "	25 ³ / ₄ "	30"	33 ¹ / ₂ "	39 ¹ / ₂ "	41 ¹ / ₄ "	45 ³ / ₄ "	50 ³ / ₄ "	54 ¹ / ₂ "	59"	71 ⁷ / ₈ "	84 ¹ / ₂ "	<i>valve body height</i>
V-H	42 ¹ / ₂ "	47 ³ / ₄ "	60"	69 ¹ / ₂ "	77 ¹ / ₂ "	85 ³ / ₄ "	93 ³ / ₄ "	105"	114"	123"	132 ¹ / ₄ "	155"	179 ³ / ₄ "	<i>vertical height</i>
Wgt	91	163	271	419	616	856	1,191	1,561	1,771	2,290	2,651	5,130	7,159	<i>weight</i>

• Call (800) 342-9920 • www.townley.net • E-mail us: info@townley.net • 150 Heavy-Duty Knife Gate Valve •

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Call or e-mail us and an experienced Townley Technical Sales Representative will work with you to specify the right valve and options for your application.

Sales & Manufacturing Centers

Home Office	Arizona	Illinois	Texas	West Virginia
Candler, FL	Eloy, AZ	Eldorado, IL	New Summerfield, TX	Beckley, WV
Phone (800) 342-9920	Phone (520) 466-9223	Phone (618) 273-9341	Phone (903) 726-3503	Phone (304) 252-7084
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