

Rev. 7-16 Shaded area indicates changes

- Catalog number–  
**A-2380-20** standard mechanical joint ends (with accessories unassembled)  
**A-2380-23** standard mechanical joint ends (less accessories)
- Sizes - 14", 16", 18", 20", 24", 30", 36"
- Meets or exceeds all applicable requirements of ANSI/AWWA C500 Standard
- Mechanical joint ends comply with ASME/ANSI/AWWA C111 Standard
- Iron body - bronze mounted
- Double disc parallel seat with four point wedging mechanism
- Non-rising stem (NRS)
- O-ring sealed stuffing box
- 2" square wrench nut - open left or open right
- 150 psig (1000 kPa/10 barg) maximum working pressure; 300 psig (2100 kPa/21 barg) test pressure
- Mueller valves are designed for potable water applications



**A-2380-20**

### Options

See pages 10.46 for more information on Gate Valve options.

- ASTM B98-C66100/H02 stem and disc pins ASTM B763-C99500 Stem 18" - 36"
- Bevel gearing  Roller, track, scrapers; 16" - 36"
- NRS by-pass valve  Stainless steel fasteners: Type 304 and Type 316
- Spur gearing
- Position indicators (14" - 16" only)
- Epoxy Coating
- Handwheel

### Double-disc gate valve parts

Catalog Part No.	Description	Material	Material Standard
G-15	Bonnet gasket	Composition	ASTM D1170
G-16	Bonnet Bolts & Nuts	Steel	SAE J429 Grade 2 (bolt) ASTM A563 Grade A (nut)
G-18	Seat ring	Bronze	ASTM B62
G-19	Disc and disc ring	Cast Iron*	ASTM A126 CL.B
G-20	Disc pin	Bronze	ASTM B21
G-21	Side spreader	Bronze	ASTM B62
G-22	Bottom wedge	Cast Iron	ASTM A126 CL.B
G-24	Test plug	Steel	ANSI 1008-1010
G-26	Nut for wrench nut	Steel	ASTM A563 Grade A
G-32	Stuffing box gasket	Fiber	-
G-37	Top wedge nut	Cast Iron*	ASTM A126 CL.B
G-38	Wrench nut	Cast Iron	ASTM A126 CL.B
G-41	Stuffing box bolt and nut	Steel	SAE J429 Grade 2 (bolt) ASTM A563 Grade A (nut)
G-42	Stem	Bronze	ASTM B138***
G-43	Bonnet	Cast Iron	ASTM A126 CL.B
G-45	Hand wheel	Cast Iron	ASTM A126 CL.B
G-47	Body	Cast Iron	ASTM A126 CL.B
G-48	Stuffing box o-ring	Rubber	ASTM D2000
G-49	Stem o-ring	Rubber	ASTM D2000
G-50	Stuffing box	Cast Iron	ASTM A126 CL.B

\*\* Cast iron discs with rolled-in bronze facings; cast iron top wedge nut with integrally cast bronze bushing.  
\*\*\*18" - 36" ASTM B583

