



DUAL PIVOT FLANGED GATE VALVE (DPFGV)

DUAL's Pivot Flanged Gate Valve is built with a steel body and features a heavy-duty stainless steel gate. Removable sleeves on either side of the gate provide a bi-directional bubble tight seal, with no metal parts in contact with the slurry. The Dual Pivot gate valve provides faster operation and occupies less vertical space within the process pipeline.



- Packingless design.
- Rotary style movement of the gate.
- Face to face equal to Flanged Knife Gate Valve.
- Flush ports.
- Light weight for easier handling.
- No seat cavity where solids can collect and prevent full gate closure.

PRODUCT SPECIFICATION

BODY:	Flanged Pattern, fabricated steel, epoxy coated.
ELASTOMER SLEEVES:	Gum Rubber (standard), Nitrile, Viton, EPDM, Chlorobutyl, Urethane.
RETAINER: FLANGES	Rubber covered carbon steel flanges (80mm thru 1500mm).
PRESSURE RATING:	DN80 to DN600 rated to 360 psi (25 Bar) using 316SS Blade, DN650 to DN1500-150psi (10 Bar).
GATE MATERIAL:	316 Stainless Steel standard- 316L, 317L, 17-4PH, Alloy 20, SAF 2205 S/S with optional wear coatings.
DRILLING PATTERNS:	DN80 to DN250 drilled and tapped ASME B16.5, BS, DIN, SABS DN300 to DN1500 flanges are slotted.
MATERIAL CERTIFICATION:	Certified chemical and physical test reports can be supplied.

FEATURES

- 360 PSI / 25 Bar (higher pressures on request).
- Double Seat design for heavy duty slurry service.
- Ease of replacement of sleeves.
- When open, the gate is fully pivoted out of the slurry flow.
- Gate guard.
- Bubble tight shutoff, zero downstream leakage.
- No clogged bonnet to impede flow.
- External epoxy coated.
- Easily adapted to suit most actuators
- Low maintenance requirements.
- Suitable for wet or dry service.
- Bi-directional flow.



HOW THE RUBBER SLEEVES WORK

Matching rubber ring sleeves with stiffener ring are placed in the valve housing to seal against the gate when the valve is in the closed position and seal against each

DIMENSIONS AND WEIGHTS



CORPORATE HEADQUARTERS:
166 ROTTERDAM ROAD
(CNR ROTTERDAM ROAD & ANTWERP STREET)
APEX, BENONI, GAUTENG, SOUTH AFRICA



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