

4" SLURRY GATE FLOW DIVERTER

Other Sizes Available

The 4" Slurry Gate flow diverter is a hydraulically operated diverter gate that is used to redirect discharge flow in the area of the pump to promote mixing of solids into a pumpable slurry. When the solids are in suspension the gate is closed to allow the mixture to be pumped to the desired location.



4" Slurry Gate with 45° Cylinder Position
Shown with 4" Flange and Camlock Fitting



FEATURES

- Safe Hydraulic Power Operation
- Use for pump flows to 900 GPM (3400 LPM)
- Can be used with centrifugal pumps and electric submersibles with separate hydraulic power source
- Attach directly to pump or place anywhere in the discharge line
- Full Flow Design allows unrestricted flow
- Optional Tee Adapter Kit allows for connection to any hydraulic power unit
- Integral Flow Restrictor allows unit to be connected to any open center power supply

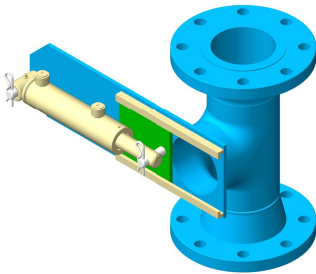
SPECIFICATIONS

WEIGHT:	28 lbs. (13 kg)
HEIGHT:	12" (31 cm)
WIDTH (Overall):	9-1/2" (24 cm)
LENGTH (Overall):	17" (43 cm)
VALVE PORTS:	4" NPT
SOLIDS HANDLING:	4" (10 cm)
HYDRAULIC HOSE PORTS:	3/8" JIC (-6)
VALVE BODY:	ASTM A36 Steel
HYDRAULIC OIL:	Mineral or Vegetable Based Oils
INPUT FLOW:	Minimum 1 GPM (4 LPM)
OPERATING PRESSURE:	Max. 3000 PSI (204 Bar)
POWER SOURCE:	Any Open Center Hydraulic System

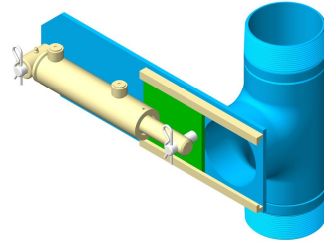
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Specifications are subject to change without notice

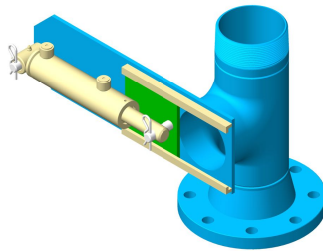
Slurry Gate Variations



Unit with Flanges on Both Ends



Unit with NPT on Both Ends



Unit with NPT and Flange

Cylinder can be positioned at 0°, 45° or 90° to suit application. 90° position shown here. Specify position when ordering.

Slurry Gate Components and Options

Each Slurry Gate complete unit includes*:

- (1) Slurry Gate assy.
- (1) Control Valve assy.
- (1) Set, 1/4" x 50 ft. Hydraulic Hoses
- (1) Set, 1/4" x 10 ft. Hydraulic Hoses

* Components available separately



Control Valve with Hoses



Slurry Gate

Optional Accessories

Tee Adapter kits (Allows connection to power units without modifications).
Kit includes Tee Adapters for connections to the pressure and return ports with Quick -Disconnect couplings.

1/2" kit Part# 5505030 3/4" kit Part# 5505031 1" kit Part# 5505052



1" Tee Adapter Kit

Discharge Hose Connector Fittings

We have connector fittings that will allow you to connect to the most popular hose fittings: Cam-Lock (Cam & Groove), Bauer (Ball & Socket) and Flanges

