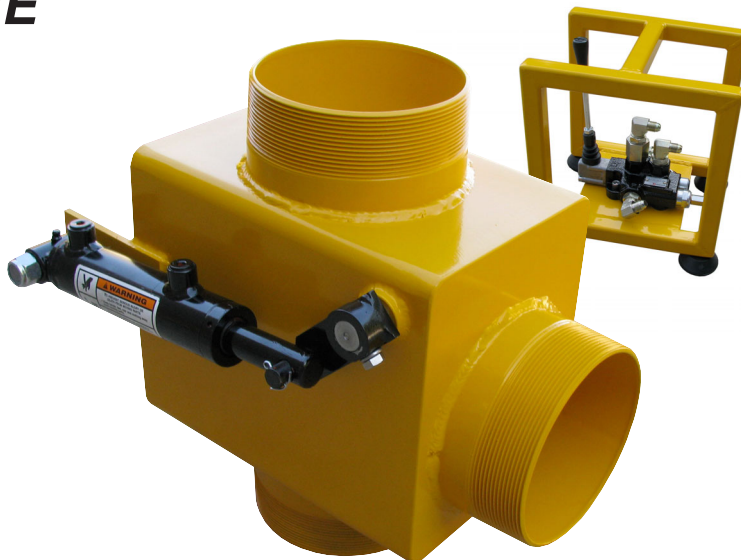


6" HYDRA - GATE SLURRY MIXING VALVE

The Hydra- Gate slurry mixing valve is a hydraulically operated diverter valve that is used to redirect the pump discharge flow back toward the area of the pump inlet to promote mixing of solids into a pumpable slurry. Once the solids are in suspension the valve is shifted to allow the mixture to be pumped to the desired location.



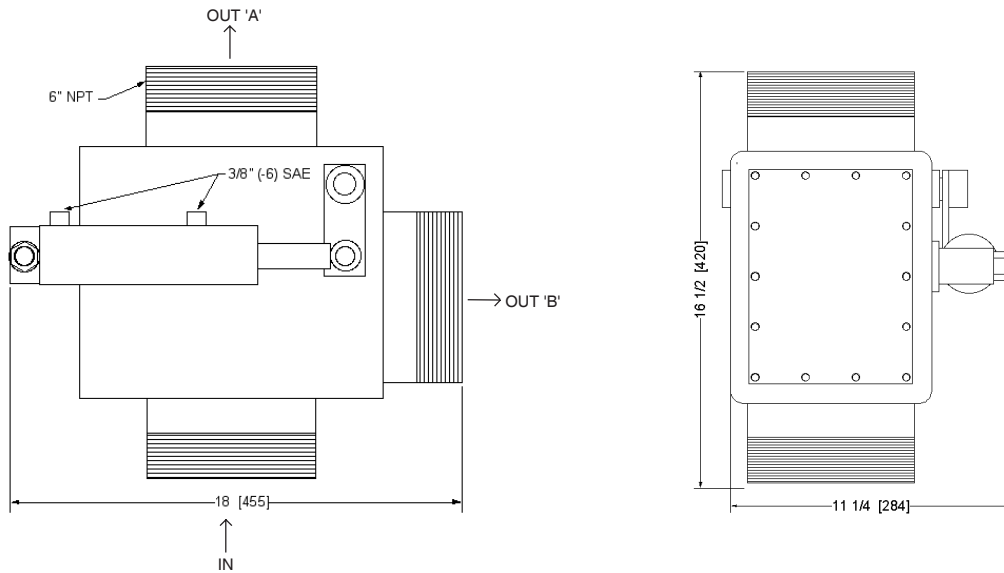
FEATURES

- Safe Hydraulic Power operation
- Use with any hydraulic submersible pump with flows to 1800 GPM
- 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
- Removable Access Cover for easy clean-out
- Full Flow Design allows unrestricted flow
- Optional Quick-Change Tee Adapter kit allows connection to any Hydra-Tech power unit without modification
- Integral Flow Restrictor allows unit to be connected to any open center hydraulic power source

SPECIFICATIONS

WEIGHT:..... 40 lbs. (18kg)
 HEIGHT:..... 16-1/2" (420 mm)
 WIDTH (Overall):..... 11-1/4" (284 mm)
 LENGTH (Overall):..... 18" (455 mm)
 DISCHARGE PORTS:..... 6" NPT
 SOLIDS HANDLING:..... 5" (127mm)
 HYDRAULIC HOSE PORTS:..... 3/8" (-6) SAE(F)
 VALVE BODY:..... ASTM A36 Steel
 VALVE DISC:..... Delrin
 ELASTOMERS:..... Buna N
 HYDRAULIC OIL:..... Mineral or Vegetable based oils
 INPUT FLOW:..... Min. 1 GPM (4 LPM)
 OPERATING PRESSURE:.. Max. 3000 PSI (204 Bar)
 POWER SOURCE:.. Any Open Center Hydraulic System

6" Hydra-Gate Overall Dimensions



Hydra-Gate Components and Options

Each Hydra-Gate Slurry Mixing Valve unit includes:

- (1) Diverter Valve assy.
- (1) Control Valve assy.
- (1) Pair, 1/4" x 50 ft. Hydraulic Hose assy. (CV to DV)
- (1) Pair, 1/4" x 10 ft. Hydraulic Hose assy. (CV to HPU)



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



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

