Introducing a completely new engineered cast discharge head, designed to meet the needs of your customer.

- Heavy Duty; Designed for stability
- Incorporating the best features of our previous cast head designs into one configuration:
  - Round ANSI Bases for Barrel Applications
  - Taller Riser for Easier Maintenance
  - Elevated Hand Holes for Easier Access
  - Dual Motor Registers, Eliminating Adapters
  - Column Flanges Adaptable to Multiple Column Sizes
  - Shaft Couplings Standard for All Shaft Sizes on 4” - 12” Heads and Vertical Hollow Shaft Motors
  - Improved Rigidity for Use in Variable Speed Applications
  - Increased Availability (Less Models Required to Stock)
  - Stuffing Box and Tube Nut Registers Standardized
  - Stronger Lifting Lugs Than Previous S & C Designs
  - Designed to Reduce Hydraulic Friction Losses

Specifications

Capacities: .............. @ max flow up to 10,700 gpm (2,430 m³/hr)
Head: ...................... @ zero flow up to 924 feet (281 meters)
Pressure: .................. @ zero flow up to 400 psi (28.1 kg/cm², 2,757 kPa)
Horsepower: ............ Up to 1600 hp (1,193 kW)
Temperature: ............ Up to 180 °F (82 °C)
Drives: ..................... Vertical Electric Motor, Gear Drive
Materials: .................. Cast Iron and other materials available upon request
SEE NOTE II

NOTE 2 = 400 PSI
NOTE 5 = 175 PSI
OPENING SIZE REQUIRED.

NOTE 6 = AIR LINE, F - STUFFING BOX DRAIN, G - PRELUBE OR PRESSURE TAP, H - DRAIN MODEL#
DEFINITION: DISCHARGE x COLUMN x DRIVER BD

MAXIMUM WORKING PRESSURE @ 100 DEG F MAX TEMPERATURE

NOTE 7 THIS IS THE CLEARANCE FOR TOP COLUMN FLANGE
OTHER FACTORS MAY DICTATE THE MINIMUM FLOOR
OPENING SIZE REQUIRED.
NOTE 8 S & C HEAD & 6x6x12 G HEAD CONFIGURATIONS MAY VARY
VISUALLY FROM DIAGRAM.

MODEL # DEFINITION: DISCHARGE x COLUMN x DRIVER BD
 ALL DIMENSIONS ARE IN INCHES

Subject to change without notice