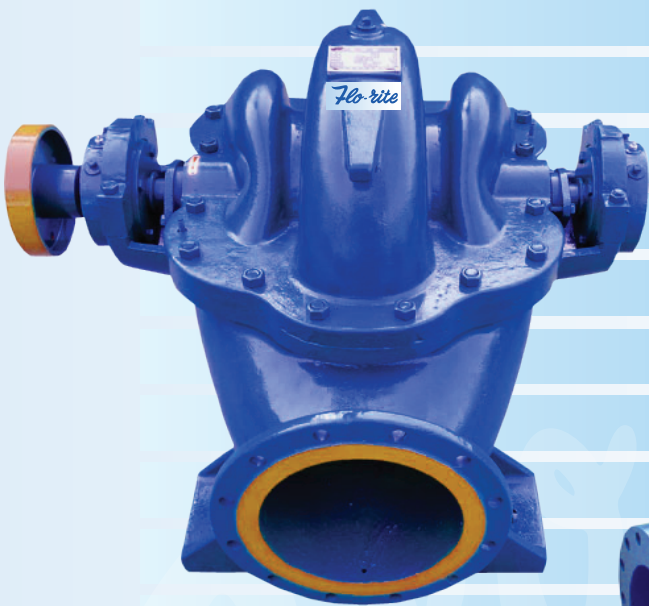




Flo-rite

HORIZONTAL SPLIT CASING PUMPS MODEL HS & HSDS



SINGLE STAGE -
MODEL HSDS

TWO STAGE -
MODEL HS



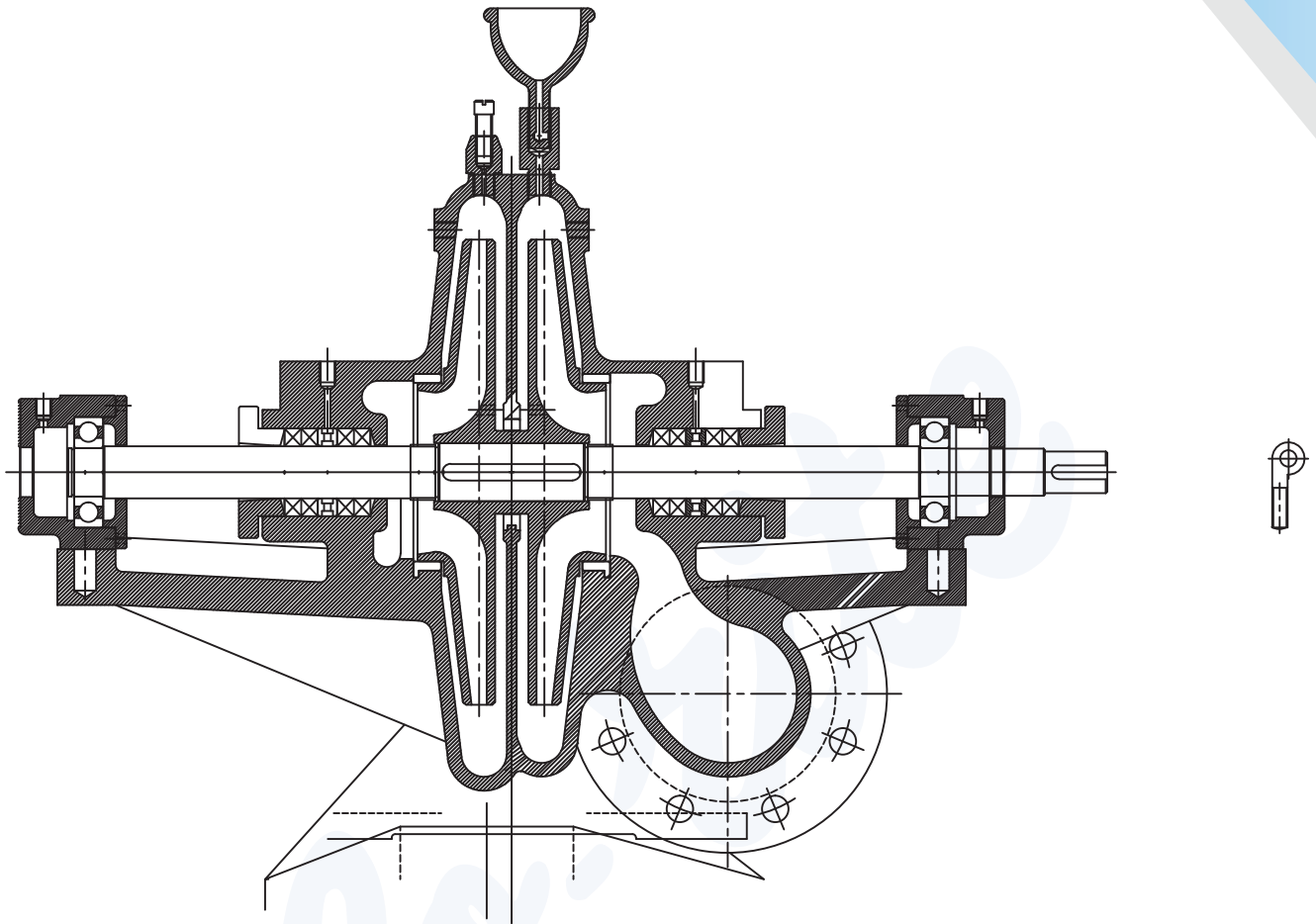
APPLICATIONS

- Firefighting
- Water Supply
- Textile
- Sugar
- Power
- Air Conditioning
- Irrigation
- Paper & Pulp
- Mine Drainage

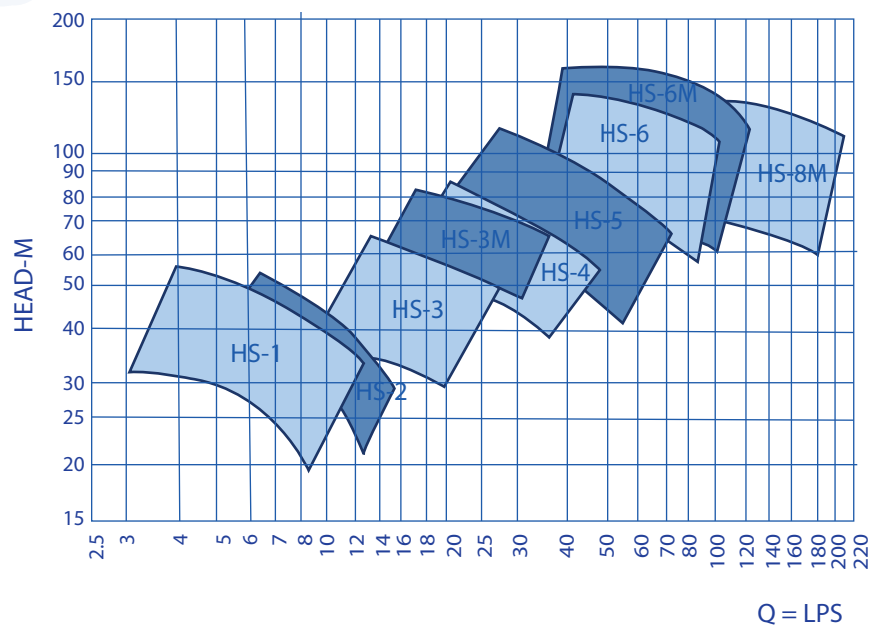
HORIZONTAL SPLIT CASING PUMPS

MODEL HS

SECTIONAL VIEW :

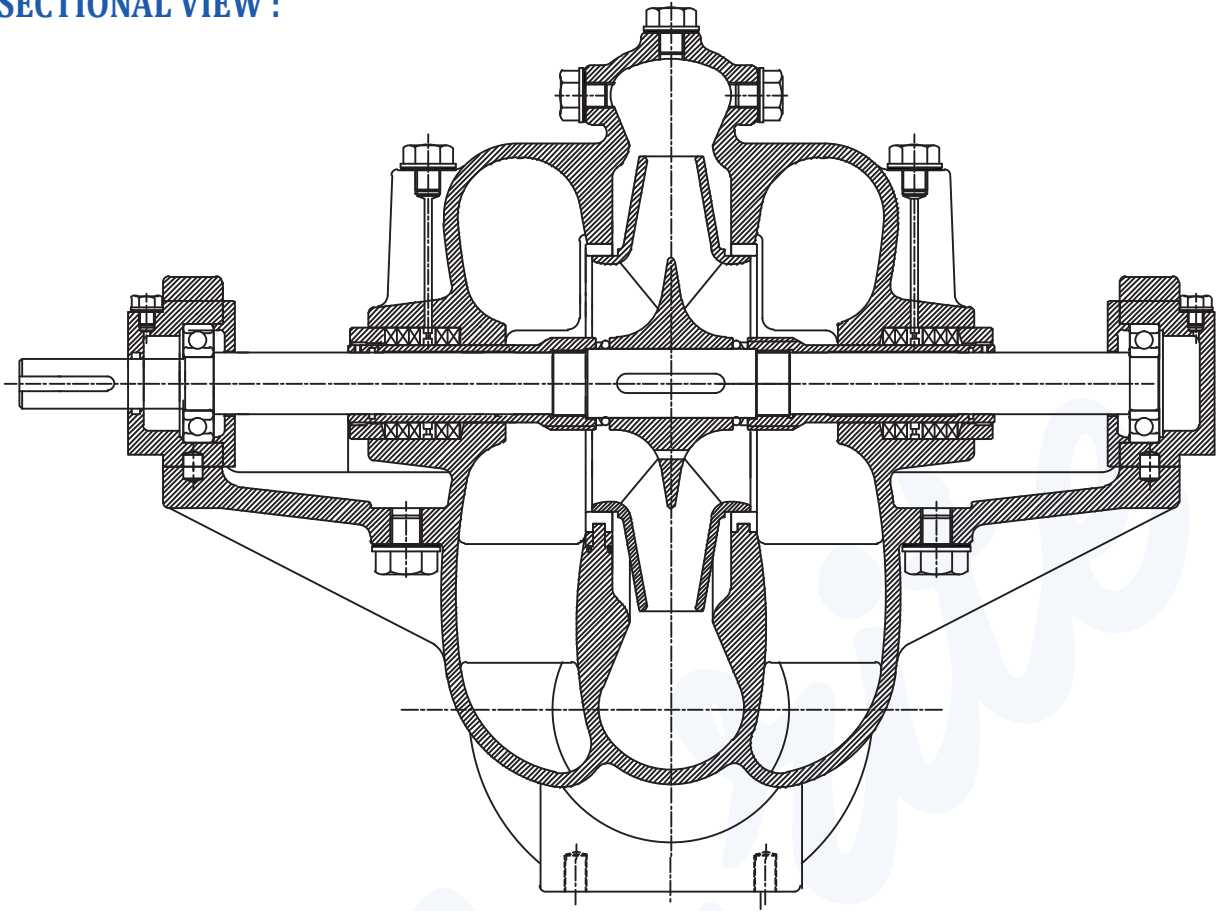


PERFORMANCE CURVES :

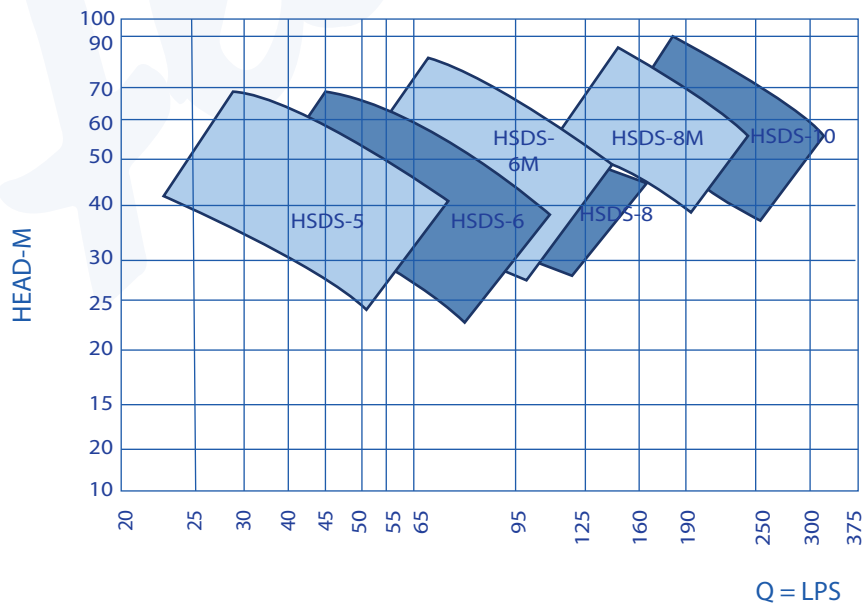


MODEL HSDS

SECTIONAL VIEW :



PERFORMANCE CURVES :



CASING :

Horizontally split volute casing with suction and discharge branches located opposite in line in the .

IMPELLER :

Impeller(s) are Dynamically / Hydraulically balanced in both models. Impellers of HS type two stage pumps are mounted back to back for balanced axial thrust.

SHAFT :

Accurately machined and ground from high tensile steel, designed for minimum deflection. Keyways are provided for impeller drive.

SHAFT SLEEVES :

Sleeves are provided to protect the shaft. These are renewable and extend through the stuffing box.

WEAR RINGS :

Renewable Impeller Wear Rings are provided to ensure long impeller life. Casing Wear Rings are provided in HSDS type pumps.

STUFFING BOX :

With suitable gland packing. Mechanical Seals available on request.

FLANGES :

Drilled to ASA Class 150 ANSI B 16.5 standard. Other standards at option.

MATERIAL OF CONSTRUCTION :

Can be offered in different combinations of Cast Iron, Bronze and Phosphor Bronze. Special materials available for handling corrosive liquids.

DIRECTION OF ROTATION :

Clockwise when seen from drive end. Anti-clockwise can be offered.

FLO-RITE ENGINEERING CORPORATION

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