



Flo-rite

DRY SELF PRIMING PUMP MODEL DSP & DSP-N (AS PER API 610)



APPLICATIONS

- Diesel / Motor Spirit / Kerosene Decanting
- Rail Wagon Unloading
- Tank Lorry Filling
- Chemicals
- Refinery
- Process Industries
- Petrochemicals

TECHNICAL DATA

- Size : 40 mm to 250 mm suction.
- Capacity : Up to 10,000 LPM
- Heads : Up to 50 mts.

Not for water application

The only two-in-one pump that primes empty suction pipe-lines without priming.

DRY SELF PRIMING PUMPS

DESIGN

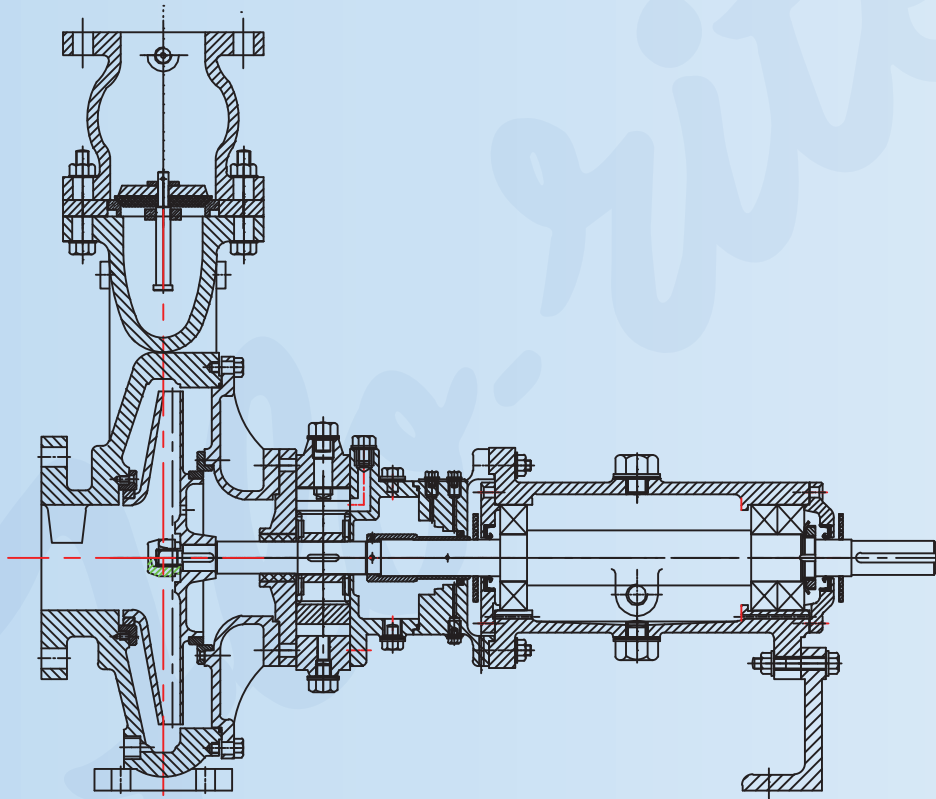
Flo-rite Dry Self Priming Pumps type DSP & DSP-N are specially designed for volatile liquids like Motor Spirit, Diesel oil, Kerosene, Benzene, Naphtha, Alcohol, etc. for pumping from underground tanks and decanting tank wagons. The positive sliding vane type pump, mounted on same shaft draws the non-return valve of pump thereby ensuring no return circulation of Air or Vapour, back to suction line.

The pump can easily function against the static lift of 5 mts. without foot valve.

The vacuum pump is so designed that the pump creates full vacuum at the time of starting and stops functioning when product is being delivered at the designed pressure. Even during operation, if there is any vapour formation, the vacuum pump operates and draws away the vapours from underground storage tank and discharges into the delivery pipeline.

These pumps can also be supplied to API-610 specification.

- Versatile.
- Positive Self Priming with high suction lift.
- No vapour-lock.
- Sealed Mechanical Shaft provides trouble-free service.
- Damp and Dust proof.



MATERIAL OF CONSTRUCTION:

CI / CS / SS 304 OR 316

These pumps can be offered in different materials of construction such as Cast Iron, Cast Steel, Stainless Steel & Bronze. They have rugged steel housing, heavy-duty stress proof-steel shafts and mechanical shaft seals. The impellers are manufactured from Aluminium.

FLO-RITE ENGINEERING CORPORATION

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