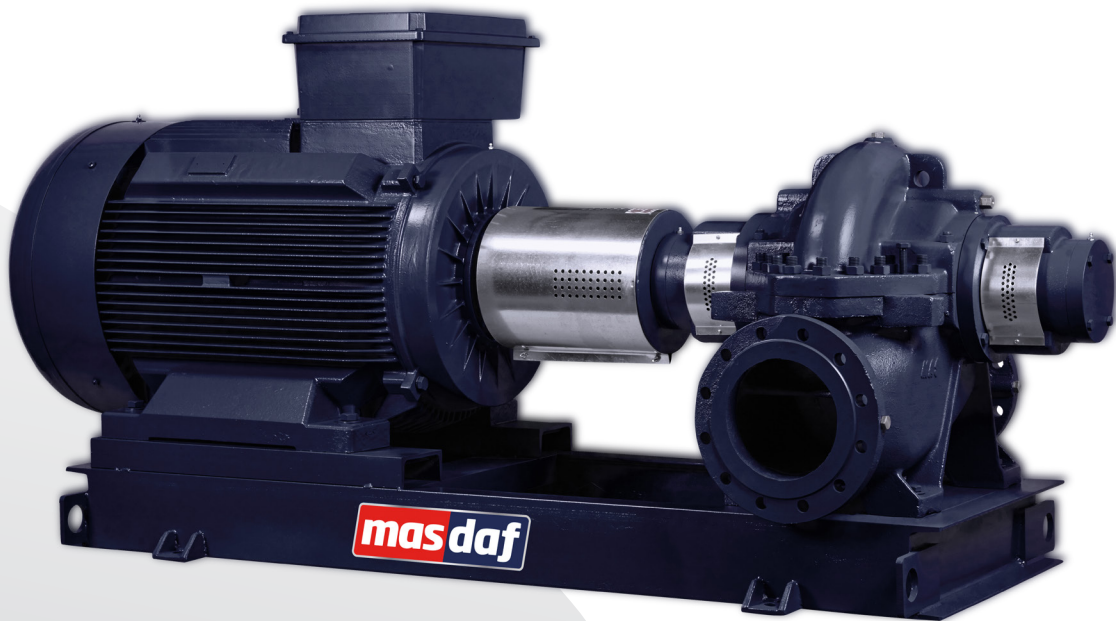


SPLT

Split Case Double Suction Centrifugal Pumps



SPLT Split Case Double Suction Centrifugal Pumps

Suction Flange	DN 100 DN 500
Discharge Flange	DN 65 DN 500
Speed Range	1000 – 3600 RPM
Capacity Range	30 – 4500 m ³ /h
Head Range	15 – 180 m



Fields of Applications

Water treatment and processing, pumping stations, water distribution stations,

Industrial and public applications,

Shipbuilding and mining sectors,

Power stations,

General refinery processes,

Agricultural irrigation systems,

Fire extinguishing stations.

Design Specifications

Single stage, horizontally split case, double suction centrifugal pumps.

Thanks to the back-to-back design of the double-suction radial impeller, the axial load is eliminated.

It provides high efficiency with its high surface quality impeller and casing.

The large impeller inlet increases suction performance and ensures quiet and efficient operation thanks to the uniform flow conditions provided at the impeller inlet.

Inlet and outlet flanges are located on the same axis.

Double suction pumps have the advantage of low NPSH characteristics.

The pump and electric motors are connected to standard chassis frames via flexible couplings. Diesel engine drive is also possible.

Sealing Applications

In standard production, pumps are manufactured with soft packing. A watering ring is used to keep the packing wet. Detachable glands provide ease of maintenance.

Mechanical seal can be applied optionally.

Bearings

SPLT series pumps utilize ball or roller bearings. Self-lubricating or grease-lubricated bearings are selected for long-lasting bearing life. Closed bearing housing is designed to provide low noise and vibration levels.

Pump Tagging

SPLT 65 – 250

Series Name

Discharge Flange Nominal Diameter (mm)

Impeller Nominal Diameter (mm)

PART	MATERIAL					
	Cast Iron GG25	Ductile Cast Iron GGG40	AISI 420	AISI 304	AISI 316	Cast Bronze CuSn10
Pump Casing	●	○		○	○	○
Stuffing Box	●	○		○	○	○
Impeller	●	○		○	○	○
Gland		●		○	○	○
Wearing Ring		○		○	○	●
Shaft			●	○	○	
Bearing Housing	●					
Bearing Cover	●					

● Standard Material

○ Optional Material

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