



SFD SERIES

CENTRIFUGAL PUMPS SERIES



INSTALLATION AND APPLICATION

These centrifugal pumps supply high flow service for irrigation with reliable efficiency. It is suitable for drawing water from lakes, rivers, wells and industrial pools. These series are recommended for rural, agricultural and industrial applications.

OPERATING LIMITS

Max Suction: 9M
Max Liquid Temperature: 50°C
Max Ambient Temperature: +45°C

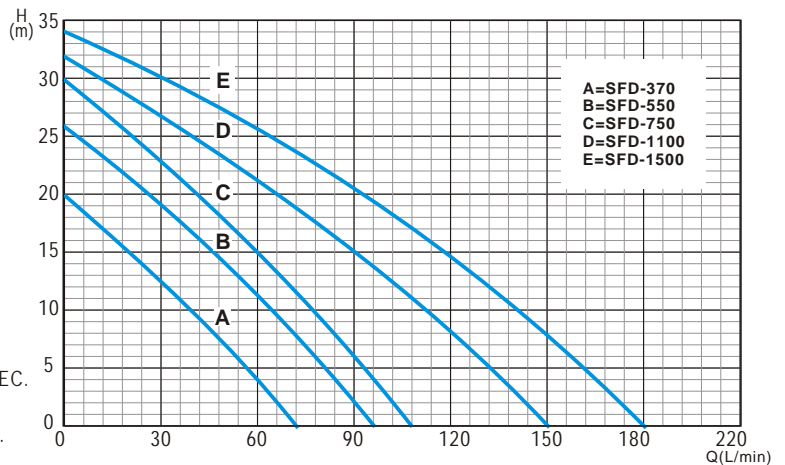
STRUCTURAL CHARACTERISTICS

PUMP BODY: Cast iron
IMPELLER: Brass
FRONT COVER: Cast iron
MECHANICAL SEAL SETS: Ceramic, graphite and rubber
MOTOR: The pumps are synchronous directly connected, high efficiency SILVERELEPHANT induction motor of suitable size, which is quiet running, close and extremely ventilated, suitable for continuous duty. The thermal protector is cooperated with single phase motor according to current standards.

INSULATION: Class B/F
PROTECTION: IP44/54

CONSTRUCTION AND SAFETY STANDARDS: are in compliance with IEC. 220V/50Hz, 60Hz 110V/50Hz, 60Hz and three phase are available on request. You could customize special requirements before placing order.

PERFORMANCE CURVE



TECHNICAL DATA

Model	Power		R.P.M	H.Max (m)	Q.Max (L/min)	S.Head (m)	Pipe Dia
	HP	KW					
SFD-370	0.5	0.37	2850	20	72	9	1"X1"
SFD-550	0.75	0.55	2850	26	95	9	1"X1"
SFD-750	1	0.75	2850	30	110	9	1"X1"
SFD-1100	1.5	1.1	2850	32	150	9	1"X1"
SFD-1500	2	1.5	2850	34	180	9	1"X1"

SF is ProductID of ELEPHANTCLASS series.