

Firefighting System Unit - Model : VEP66/6-10-5.5-3



Design	With Electric-Diesel- Jockey
Including	Control Panel Box(Control panel for two pums), Manifold suction pipe. Discharge pipe with check valves,butterfly valve,Pressure Gauge ,Base frame mounted.
Optional	Other sizes can provide on request
Pump Case	Anti-corrosive coating cast iron
Shaft	Chrome Plating Steel
Seal	Mechanical Seal, Carbon-SiC-NBR
Bearing	NSK
Flange	Galvanized counter flange with bolts, screws and gaskets
Motor	Insulation class F, Protection IP 55

Pump Technical Features

	Electric Pump	Diesel Pump	Jockey Pump
Pump Picture			
Pump Model	VST 32-250/75	VDP 20C	VT4/12
Number of Pumps	1	1	1
Pump Body	Anti-corrosive coating cast iron	Anti-corrosive coating cast iron	STAINLESS STEEL 304
Pump Impeller	Cast iron	/	NORYL
Pump Shaft	Chrome Plating Steel	/	Chrome Plating Steel
Pump Bearing	NSK(Japan Brand)	/	NSK(Japan Brand)
Capacity(m3/h)	Q : 15 m3/h	Q : 15 m3/h	Q : 6 m3/h
Pressure(m)	H : 66 mWC	Hmax : 62 mWC	Hmax : 80 mWC
In x Out Ports(mm)	50x32	50x50	25 x 25
Speed(RPM)	2900	3600	2900
Power	7.5KW	6.6KW	2.2

Electrical Motor Technical Features-YE3

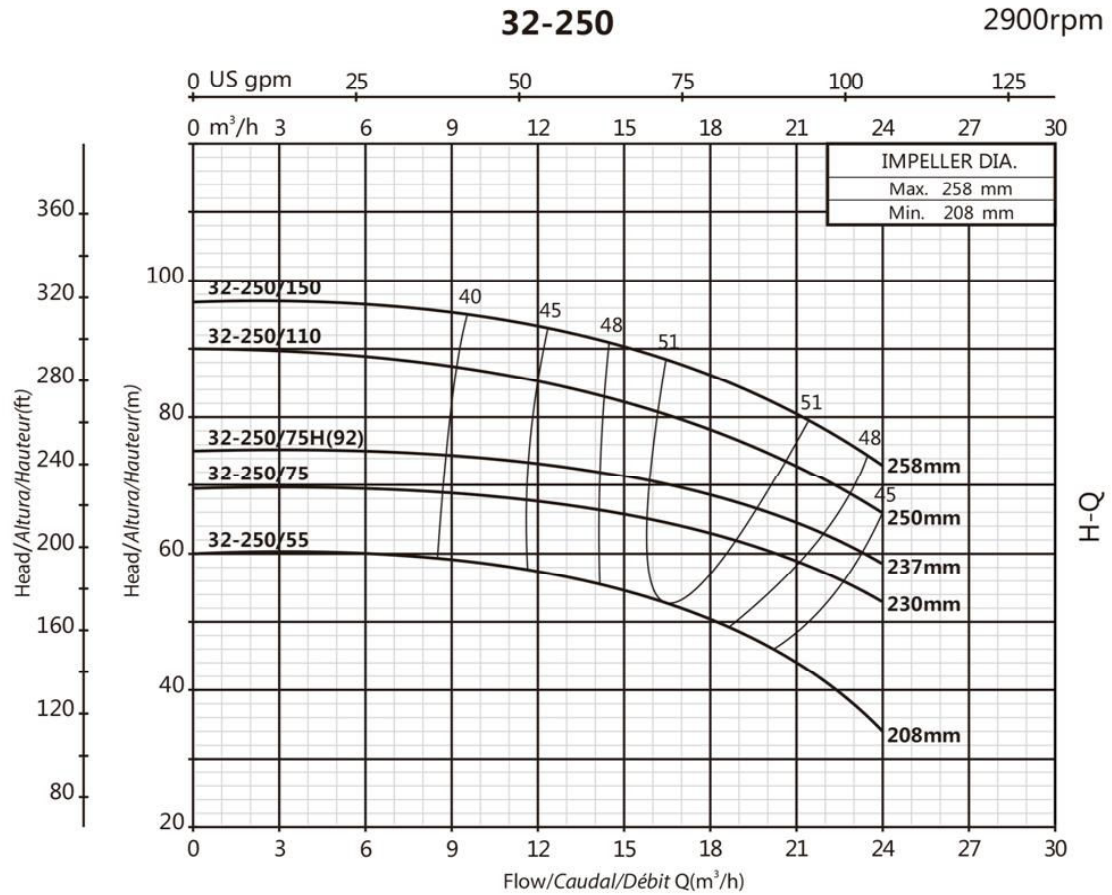
Picture	
Model	Insulation class F, Protection IP 55 , Asynchronous 3Phase
Energy	415V-50HZ

Diesel Engine Technical Features-PD 186FA

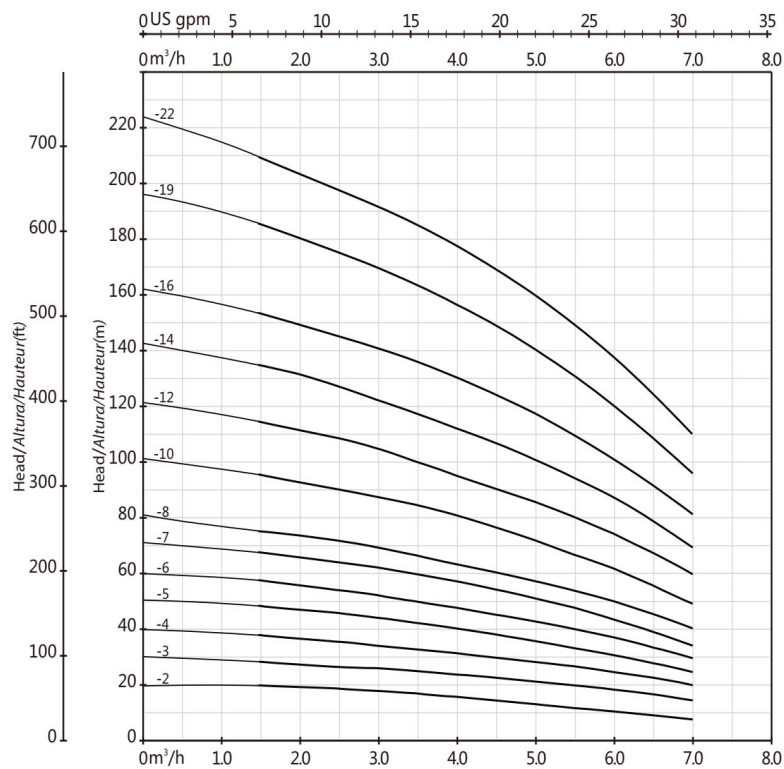
Picture	
Cylinder	0.418
Disp. (L)	V
Aspiration (cbm)	Naturally

Electric Pump Technical Curve

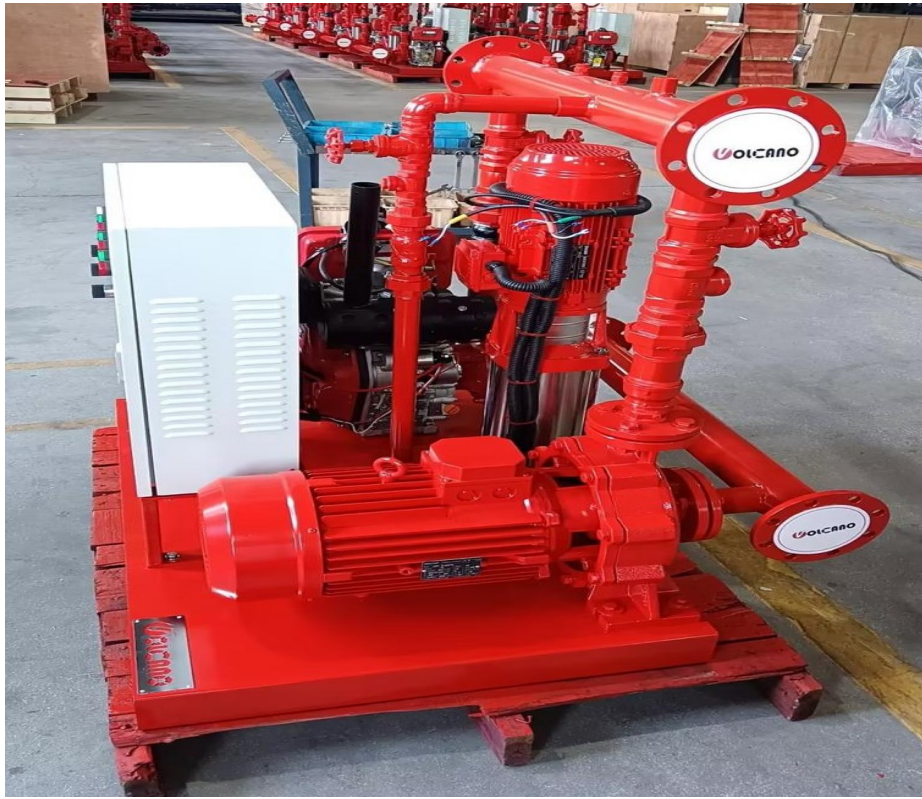
VST 32-250/75



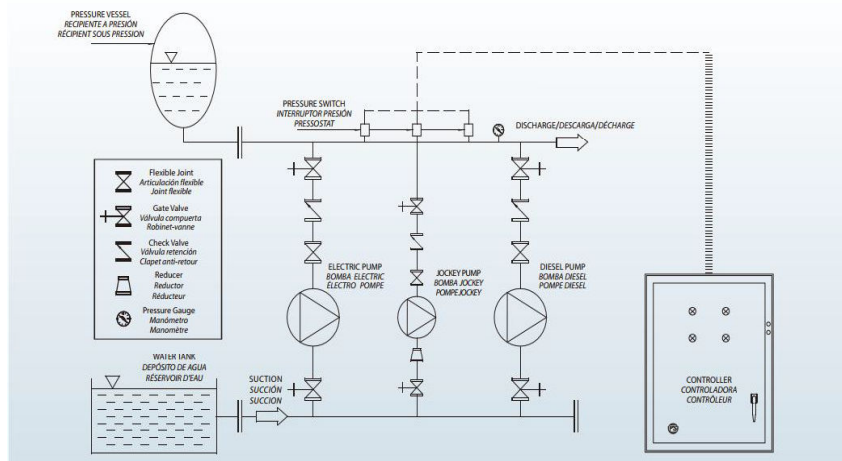
Jockey Pump Technical Curve



Fire set picture



Schmatic diagram of fire pump



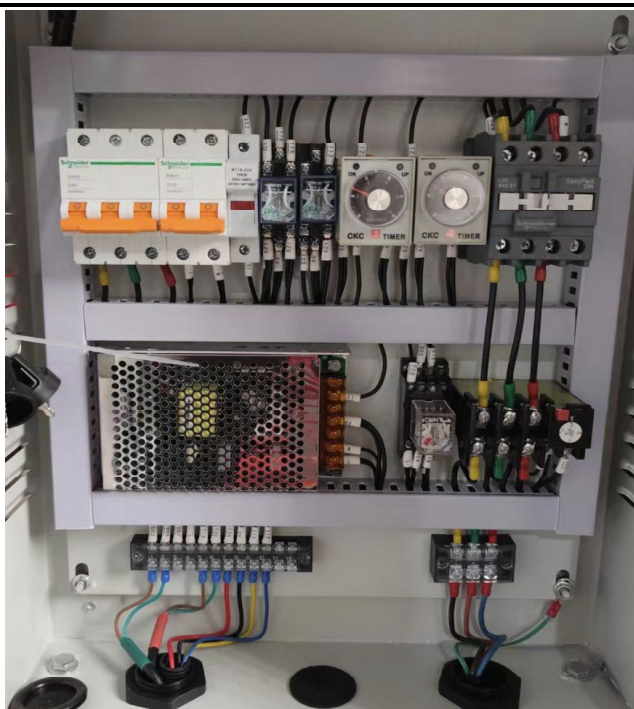
Control Panel



Control Panel Description

Fire Pump Control Panel is the Pump System brain that designed to Control & Monitor the operation of the Electric, Diesel, and Jockey Pumps Drivers, and makes up pumps for both Manual & Automatic modes, as well as turns pumps drivers ON/OFF under specific conditions. The Fire Pump Package Controller detects signals through set of built in switches that reflect the system Pressure & Flow status enabling fire pump package drivers (Electrical /Diesel /Jockey) to operate in case of pressure in the system is lower than set point, as well as operating the Stand by driver due to power failure and/or substantial drop in pressure. Fire Pumps Series Controllers are pre-wired, tested before delivery and made ready for immediate usage.

Simple diagram of control cabinet



Spare parts

