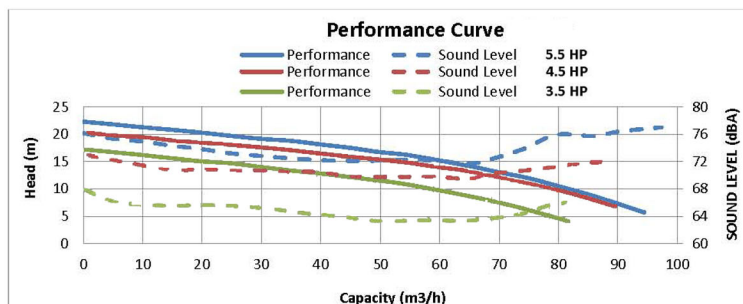


PSP - SERIES

Dimensions in mm



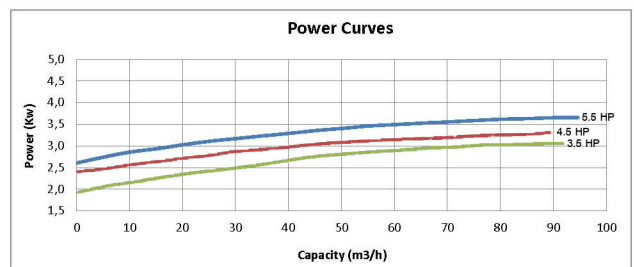
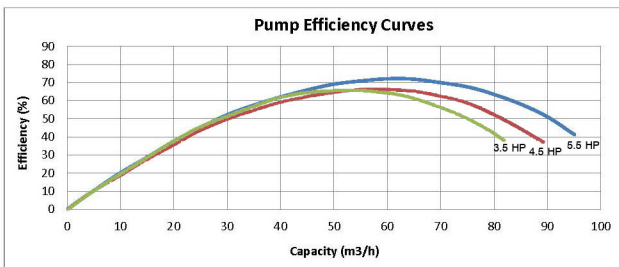
**MATERIALS AND DESIGN**


Speed	: 2850 RPM
Suction and discharge	: 110mm - 90 mm
Operating Temperature	: 5°C up to 50°C
Ambient Temperature	: 40°C
Casing Pressure (Max)	: 2.5BAR
Insulation Class	: F
Enclosure Rating	: IP54
Electrical Connection	: 50Hz - 3Ph - 380V
Maximum Pressure	: Casing Pressure (max) = 2.5 bar
Motor Protection	: IP55 protected, IE2 compliant TEFC motor
Material of pump body	: PPC GF30
Material of pump o-ring	: EPDM
Material of Impeller and lid	: LEXAN
Material of Bolt and screw	: INOX 304
Material of Union connection	: U-PVC
Material of Mechanical seal	: SSIC (carbon)/ EPDM / SS-316

**TABLE OF PIPE DIAMETERS ADVISED FORM MOUNTING TO INLET AND OUTLET**

PUMP POWER	SUCTION LINE PIPE DIAMETER	DISCHARGE LINE PIPE DIAMETER
2850 PPM		
PUMP - PSP 3.5 HP	110 mm.	90 mm.
PUMP - PSP 4.5 HP	125 mm.	110 mm.
PUMP - PSP 5.5 HP	140 mm.	110 mm.

FLOW SPEED	Suction Line	V = 1.50 m/sn
	Discharge Line	V = 2.50 m/sn
	1.5% Sloping Line	V = 0.75 m/sn
	Collector	V = 0.50 m/sn



PENTAIR EUROPE  
Industriepark Wolfstee  
Toekomstlaan 30  
B-2200 HERENTALS  
BELGIUM

PENTAIR SOUTH AFRICA  
24, Vuurslag Street  
Spartan, ext. 7  
1619 KEMPTON PARK  
Rep. of SOUTH AFRICA

PENTAIR MIDDLE EAST  
22nd Floor - Flats # 2202 - 2204,  
API World Towers  
Sheikh Zayed Road  
DUBAI, UNITED ARAB EMIRATES

