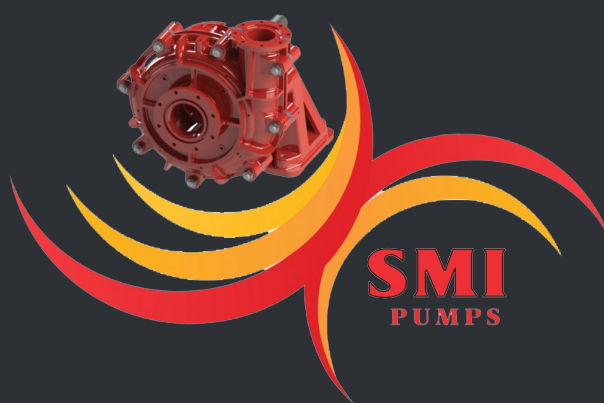


SMI - AIX

Single Stage Suction Centrifugal Pumps



SMI - AIX

Single Stage Suction Centrifugal Pumps

Application:

Smi-Aix series pumps are often used in airconditioning, boiler water supply, cool water circulation, fire protection sprinkling system. It carry liquids which is similar to clean water in manufacturing process area. Allpumps is according to DIN24255 SPEC and is also available in Stainless steel.

Working Performance:

Discharge diameter: DN32-300MM

Capacity range: 4.5-1600m³/h

Head range: 5 - 150m

Speed: 1450rpm/min & 2900rpm (50Hz Electric source)

Max speed: 3500 rpm(Electric source 60Hz motors, Impeller size will decrease)

Working Pressure : 1.6Mpa

Working Temperature : -10C - 85C

Type Description:

EX: AIX100/40

AIX: AIX series single stage single suction centrifugal pump

100: Discharge Diameter (mm)

40: Impeller diameters

Impeller sizes can be Machined to customer requirements and needs

Shaft Seal:

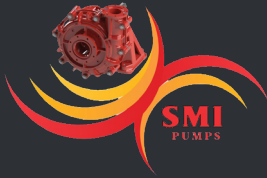
Use of Mechanical seal or Gland packing depends on customer application or choice



Part name

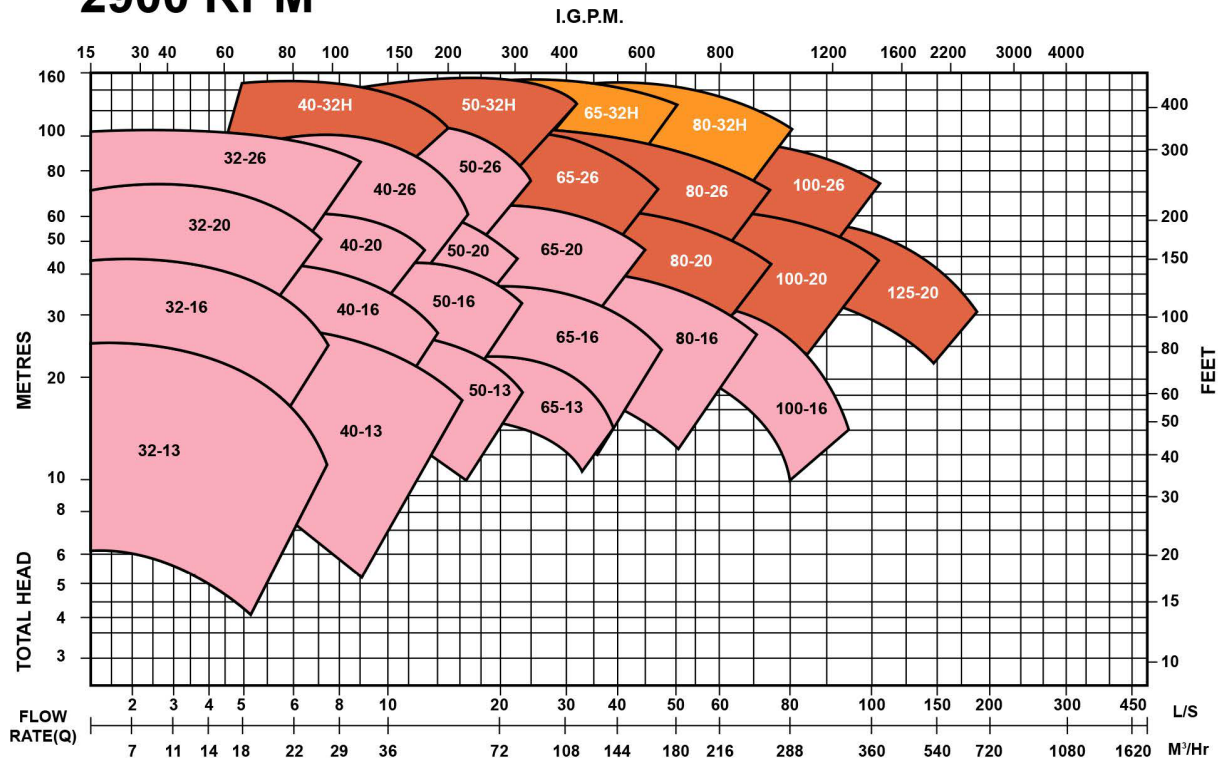
Materials

| | |
|--------------|------------------------------|
| Casing | HT250 |
| Casing Cover | QT450-12 , SS304 , SS316 |
| Impeller | HT250 |
| Impeller | Bronze C95200, SS304 , SS316 |
| Shaft | 2Cr13 ,SS431 |
| Seal Ring | Bronze C95200, SS304 , SS316 |
| Shaft sleeve | SS304 |

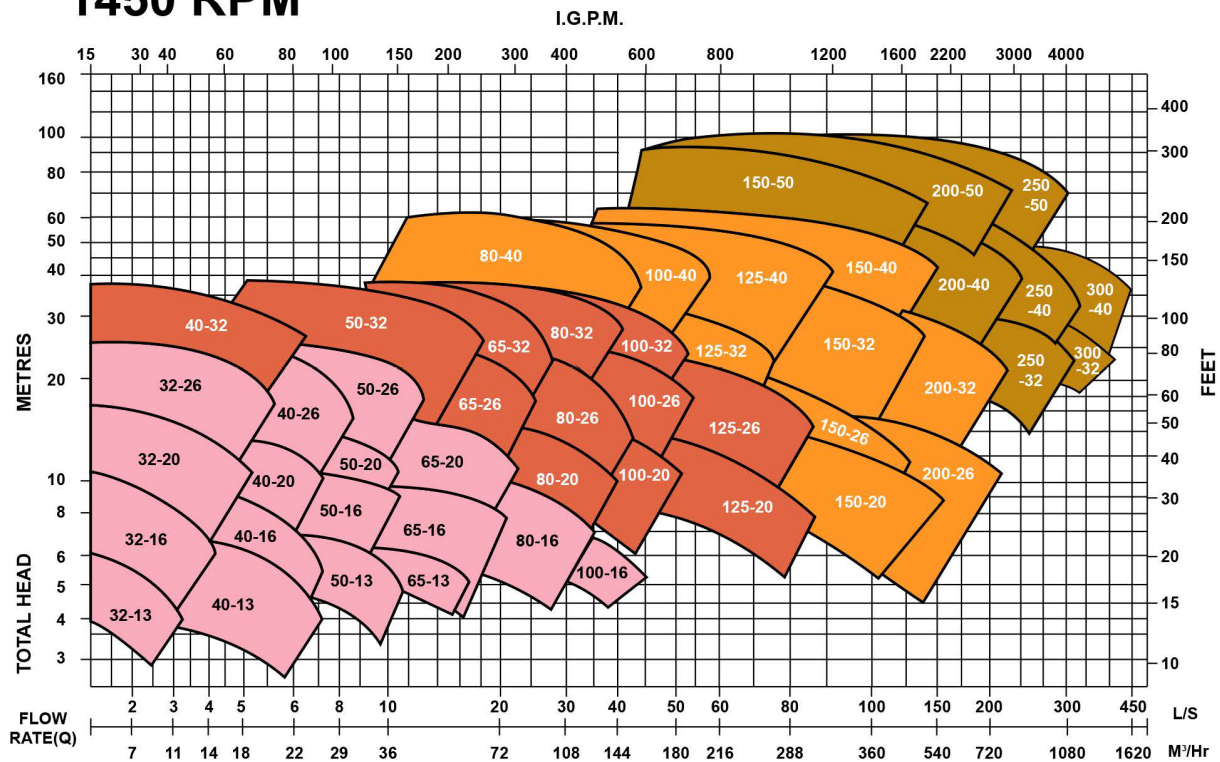


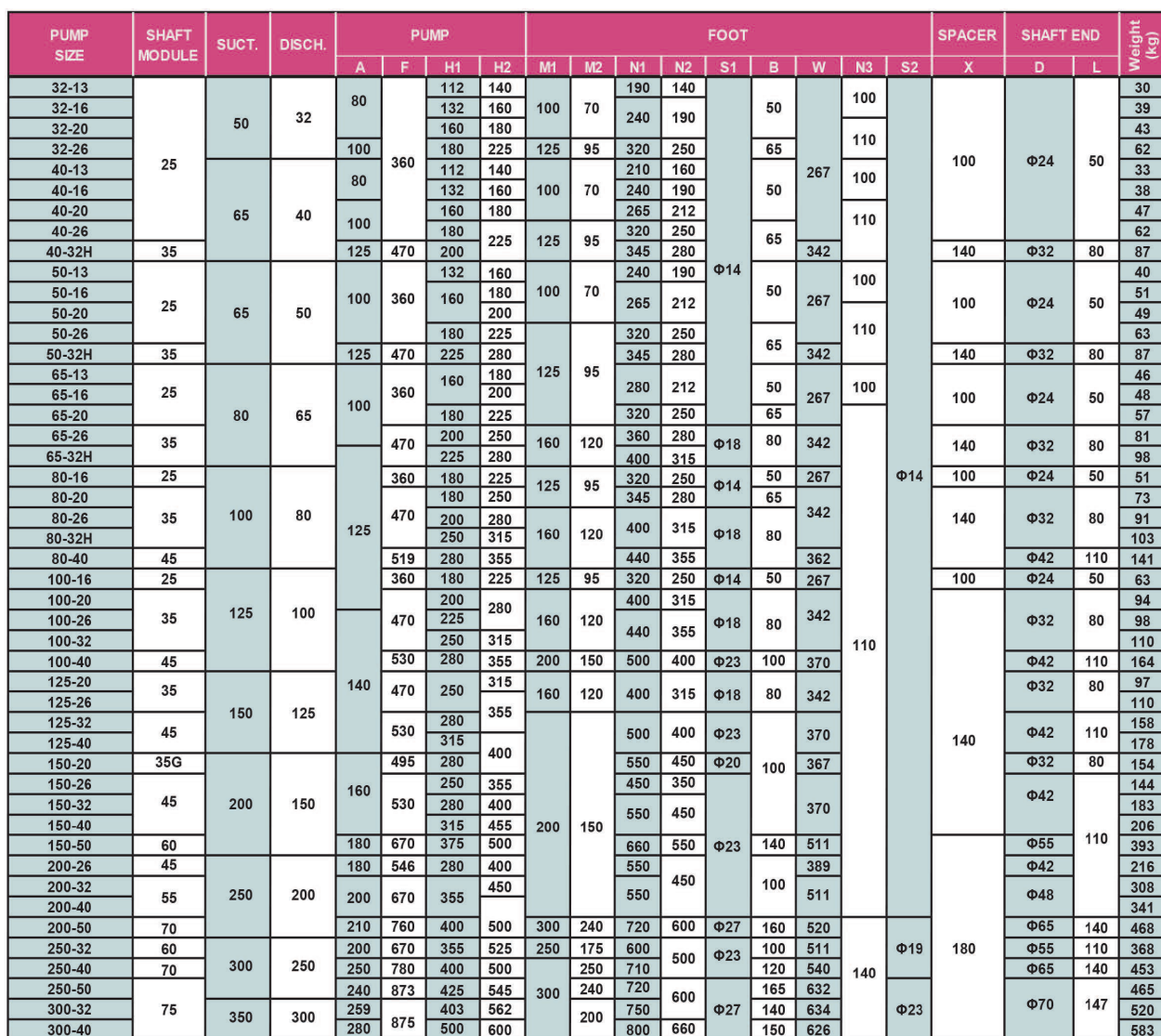
Quick Selection Chart

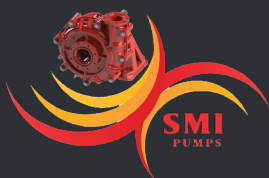
2900 RPM



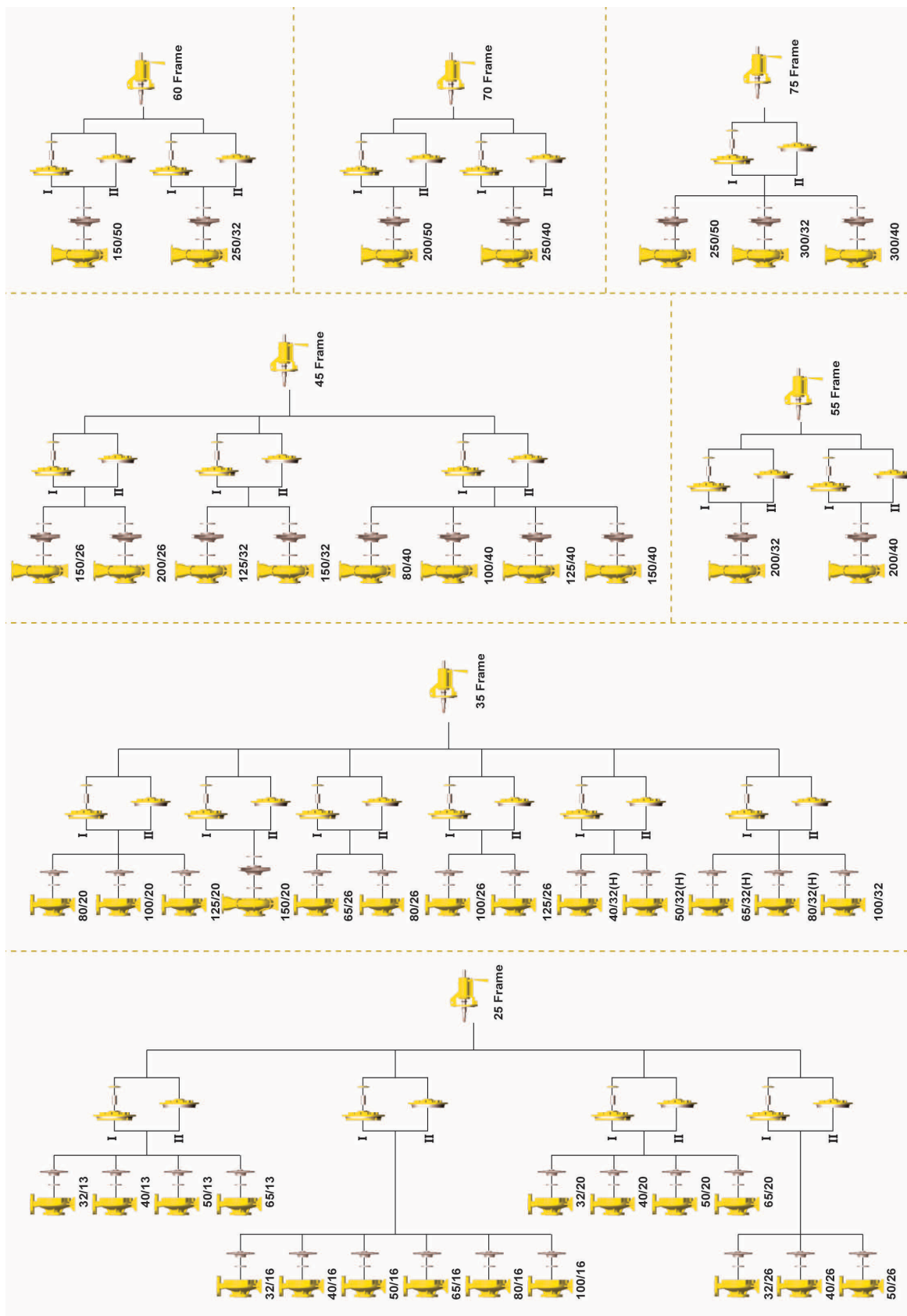
1450 RPM





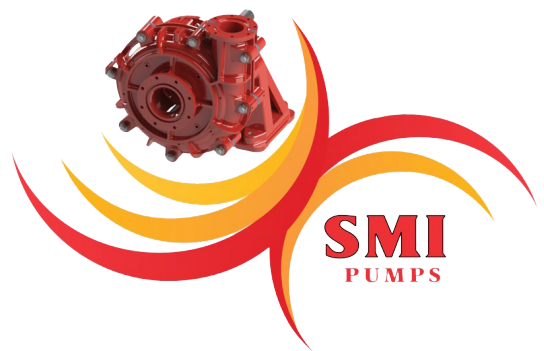


Pump Structures



THANK
YOU

Please feel free to contact us if you require any additional information.



Contact Us

SMI Pumps. One of the leading centrifugal pump manufacturers in South Africa and overseas. We manufacture centrifugal pumps intended for different applications. This includes clear-water pumps and dredge pumps of various types. The products quality have contributed greatly to our success as a leading pump manufacturer.



011 397 1176
072 064 9830



www.smipumps.co.za
sales@smipumps.co.za



20 Gum Rd, Benoni AH, Benoni, 1509