



KIRLOSKAR BROTHERS LTD.

HORIZONTAL/VERTICAL MULTISTAGE PUMP TYPE:RKB/RKBV FOR GPOR MECHANICAL SEAL



Description

Range : Delivery size up to 250 mm, Capacity up to 750 m³/hr
Head up to 580 m

Applications : Sprinkler Irrigation, Fire Fighting, Water Supply in high rise buildings, Descaling, Mine Dewatering, Booster, Service, Condensate and Boiler Feed applications, Dust Precipitation. Pumping of light chemicals, etc.

Constructional Features : These are single suction, horizontal shaft, high pressure multistage pumps, consisting of ring section diffuser casings bolted between suction and delivery casing. Various models are available to operate at 1450 rpm and 2900 rpm at 50 Hz and 1750 rpm and 3500 rpm at 60 Hz depending upon model.

Casing : The casings are of diffuser type. The delivery flange is vertical. The suction flange can be oriented left, right or vertical viewed from driving end. Smooth hydraulic passages ensure high efficiency.

Impeller : Impellers are of enclosed type. The rotating elements are statically and dynamically balanced. Hydraulic balancing is achieved by balancing ring and balancing disc depending upon model.

Shaft : The high tensile steel shaft accurately machined and ground is supported on journal bearing on both sides of impellers. Shaft in stuffing box area is protected by shaft sleeves.

Stuffing Box : Standard Gland packed without cooling upto 90°C and with external cooling upto 140°C. Optional .Mechanical seal.

Bearings :Standard - lubrication is with grease or with oil depending upon the model. For liquid temperatures above 90°C generally oil lubrication is provided with oil level indicator .

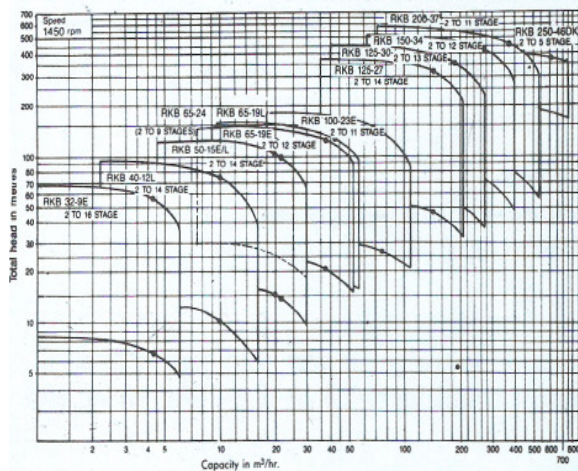
Direction of Rotation : Standard - Clockwise when viewed from driving end. Optional- Anticlockwise when viewed from driving end.

Drive :The pumps are suitable for coupling with electric motors, I.C. Engines directly or through belt drives.

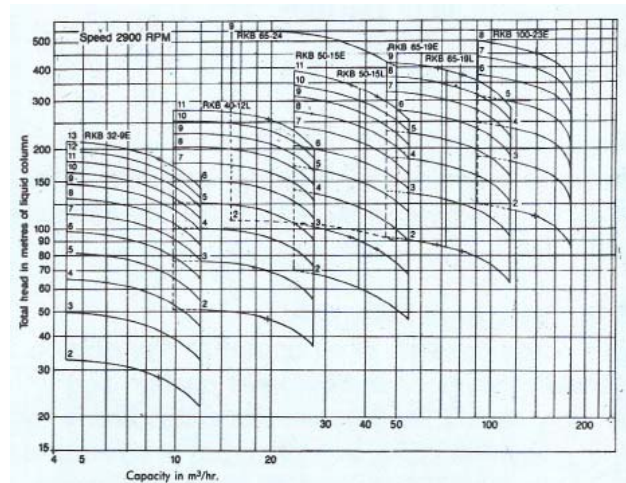
Flanges :Standard suction flange DIN ND-10 & Optional ASA-125,150,BS4504-16/11 & Standard Delivery flange DIN ND-40 or ND-64 & Optional ASA-250,300 or 800 ,BS4504-16/11

Material of Construction: Casing : CI/SGI/CS/CF8M,Diffuser:CI,ZFB,CS, Impeller : CI/ACI/BRONZE/ZFB/PH.BR/CS/CF8M, Shaft:: Carbon Steel/St. Steel

Family Curve of RKB multistage Pump at 1450 rpm - 50 Hz



Family Curve of RKB multistage Pump at 2900 rpm - 50 Hz



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