



Bekenflo

BEST OEM

INNOVATION

CATALOGUE 2020

BSP Vertical slurry pumps

This Heavy duty range features a cantilever shaft design that eliminates any bearings or seal in the fluid end

And idea pump for heavy slurry wash down and spill duties

A full range of material options including complete elastomer lined pumps and hard metal options for corrosive and abrasive media duties. Pumps in all sizes can be configured with a range of column lengths and impeller designs. Ideal for corrosive coarse particles and high concentrations of slurry and are widely used in metallurgical, mining and coal industries.

Applications:

Mining and Mineral Processing

Ball mill discharge

Bottom/fly ash, lime grinding

Coal

Coarse sand

Coarse tailings

Dredging

FGD

Fine Tailings

Flotation

Heavy Media

Minerals Concentrate

Ni Acid slurry

Phosphoric acid

Process Chemical

Rod mill discharge

Wet Crushers

Sugar Processing

Oil and gas exploration

Mineral sands

Oil sands

Phosphate matrix

Pulp and paper

SAG mill discharge

Flue Gas Desulphurisation

Sand and Gravel



BSP Vertical slurry pumps are 100% fully interchangeable with the most common slurry pumps design in the mining industry.

INNOVATION:

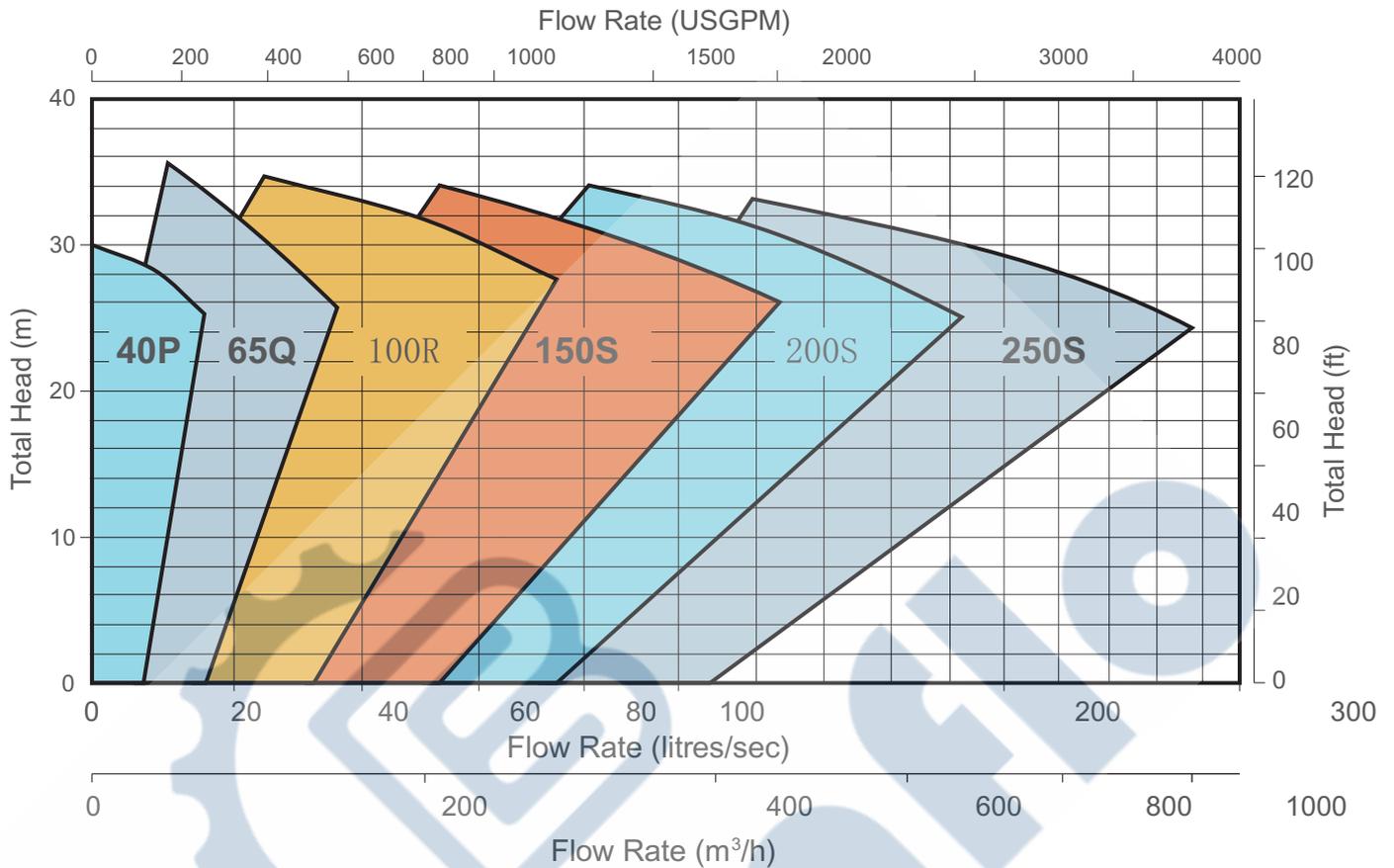
Our slurry pumps use the liner of Corundum materials containing aluminium oxide Al_2O_3 95-99.5%, and casted in the temperature higher than $1700\text{ }^{\circ}C$ with hardness of 80-90 HRC. And casing and casing cover is using the ceramic liner shrouded with ss frame, the wearing character is 266 times of Mn Steel and 171.5 times of High Chrome.

The service time of the pumps can be 5 times than the pumps under same conditions.

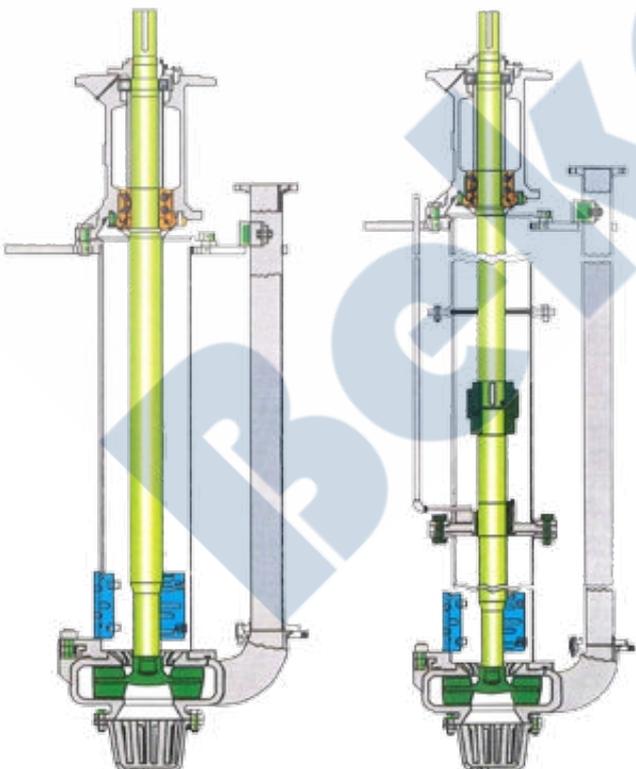
Remarks:

We have been OEM for many brands from Europe and USA

TECHNICAL DATA SELECTION CHART



MATERIALS OF CONSTRUCTION



CANTILEVERED SHAFT

EXTENDED SHAFT

Description	Standard Material	Material Options
Shaft	4140 Mild Steel	Available on Request
Bearing Housing	Cast Iron	
Column	Mild Steel	
Upper Strainer	Rubber	Cast Iron
Lower Strainer	Cast Iron	
Back Liner	27% Chrome White Iron	
Pump Casing	27% Chrome White Iron	Rubber Lined White Iron
Impeller	27% Chrome White Iron	Rubber
Discharge Pipe	Mild Steel	Rubber Lined Mild Steel / Composite
Adaptor Plate	Mild Steel	

1. installations. Contact us to discuss the availability of material options.

Brands interchangeable:

Sulzer APP/AUP/CPT/MBN/MC/ZE,
Andritz ACP/MC, Godwin, Pioneer, KSB, Goulds 3196,
Durco Mark III, Gorman-rupp. Monoyo/Seepex/Netzsch,
Warman AH, Flowserve LC, Tsurumi pump, etc.



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