

Submersible Axial Flow and Mixed Flow Bowl Pumps (SA & SB Types)

DUTIES:

Flow: up to 7,000 litres / second
 Head: up to 60 metres

For duties outside the standard range specials will be considered

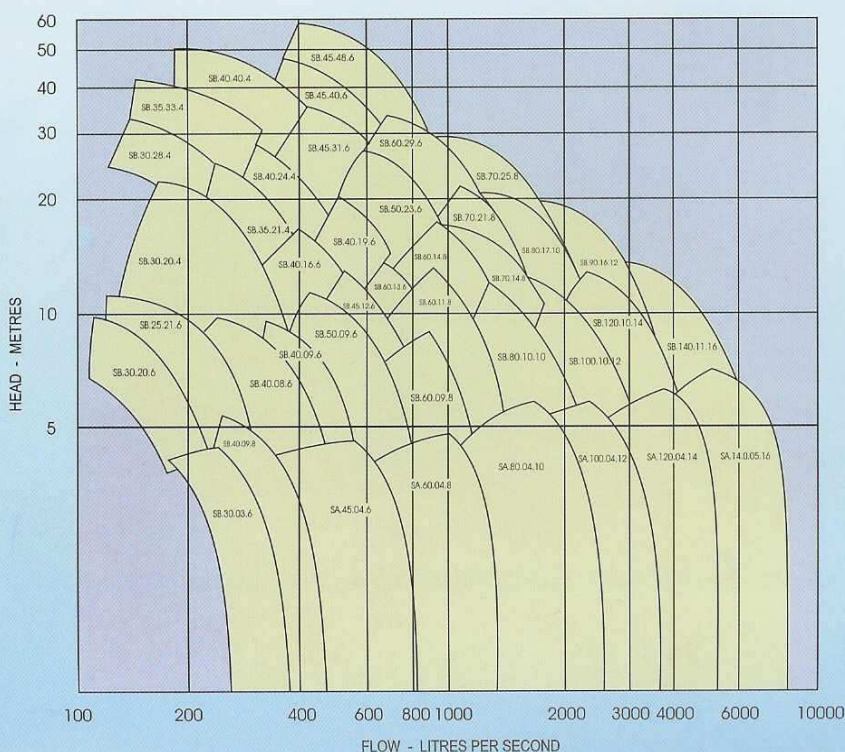
TYPICAL APPLICATIONS:

- River abstraction
- Sewage effluent / RAS
- Water supply and treatment
- Irrigation
- Cooling water
- Surface and stormwater
- General industrial duties
- Dock-dewatering and impounding
- Bulk water supply

FEATURES AND BENEFITS:

- High overall efficiency
- Excellent suction performance
- Compact in line design
- Solid cast construction
- Long service intervals
- Condition monitoring
- Pumping plant below ground level
- Low running costs
- Minimum sump evacuation
- Reduced civil costs
- Extended service life
- Low maintenance costs
- Fully fault protected
- Simplified station design
- Eliminates superstructure
- Environmentally unobtrusive
- Lower noise levels
- Vandal proof

Range Chart (50HZ)



Horizontal In Line Pumps



Suspended Wet Well Pumps

Submersible and immersible Pumps (SV Types)

DUTIES:

Flow: up to 2,600 litres / second

Head: up to 75 metres

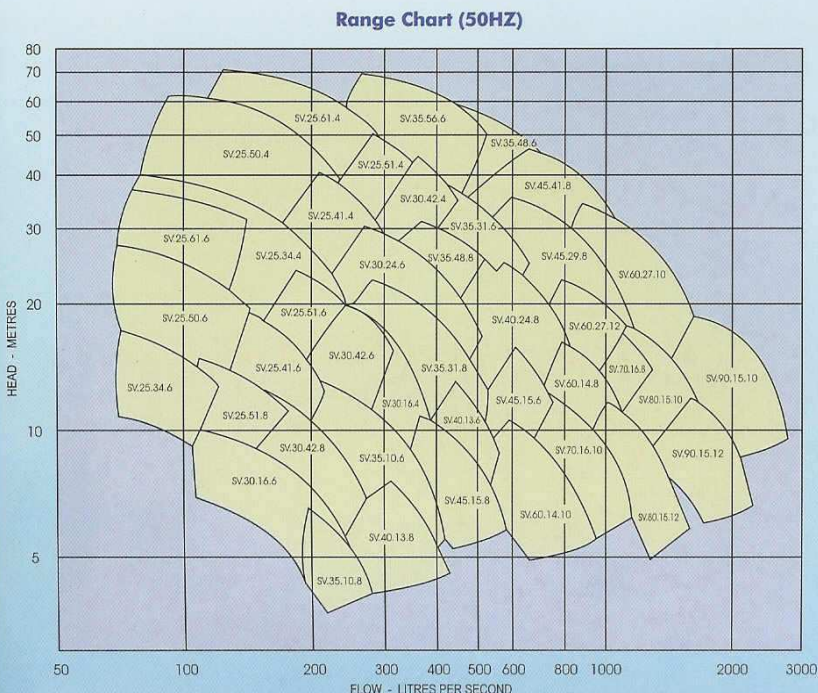
For duties outside the standard range specials will be considered

TYPICAL APPLICATIONS:

- Raw sewage pump stations
- Sewage treatment and disposal
- Water supply and treatment
- Cooling water
- Dock dewatering and impoundng
- Surface and storm water
- Irrigation
- General industrial duty

FEATURES AND BENEFITS:

- High overall efficiency
- Long service intervals
- Compact design
- Integral motor cooling
- Sealed motor cooling
- Condition monitoring
- Pumping plant below ground level
- Low running costs
- Low maintenance costs
- Reduced civil costs
- Wet or dry well operation
- No risk of contamination
- Fully fault protected
- Simplified station design
- Eliminates superstructure
- Environmentally unobtrusive
- Lower noise levels
- Vandal proof



Guide Rail Submersible Units



Dry Installed Immersible Units

Mixed Flow Volute Pumps (DV Types)

DUTIES:

Flow: up to 10,000 litres / second
 Head: up to 75 metres
 For duties outside the standard range specials will be considered

TYPICAL APPLICATIONS:

- Raw sewage pump stations
- Sewage treatment and disposal
- Water supply and treatment
- Cooling water
- Dock dewatering
- Dock impounding
- Surface and storm water
- Irrigation
- General industrial duties

AFTER SALES SERVICE

All the company's products are fully supported by a 24 hour call out service in order to maintain plant performance and efficiency

PERFORMANCE TESTING

Hydraulic performance tests are carried out at the Bedford works, on all the company's products to the latest national standards



Long Coupled DV Pumps



Close Coupled DV Pumps

NON-STANDARD PUMPS

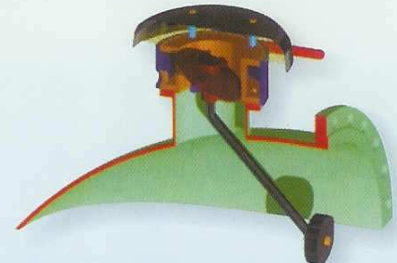
or duties outside of the standard ranges the company offers a full design capability which enables it to design units to meet clients specific requirements

FEATURES AND BENEFITS:

- High overall efficiency
- Excellent suction performance
- Solid cast construction
- Long service intervals
- Condition monitoring
- Pumping plant below ground level
- Low running costs
- Minimum sump evacuation
- Extended service life
- Fully fault protected

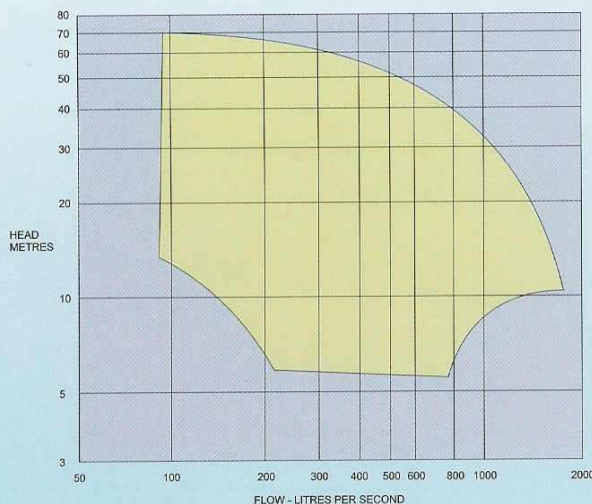
SYPHON BREAKER VALVES

On large capacity pumps with variable discharge levels considerable savings in energy consumption can be achieved by use of syphonic discharges. Such systems require individual discharge lines and a syphon breaker valve to prevent back flow. Bedford Pumps can supply suitable sized valves for their range of pumps.



Typically Used on SA & SB Pumps

Standard Range



The Bedford Pump Company was founded in 1987 by members of the former Allen Ywynnes Pump Co. and is now a Hidrostral Group Company.

HEAD OFFICE
 91 Kya Sand Road
 Kya Sand 1685

P.O. Box 122
 Kya Sand 2163
 Republic of South Africa

Tel: (011) 704 5333
 Fax: (011) 704 5666
 EMAIL: hstal@mweb.co.za

KWA-ZULU NATAL
 Tel: (031) 914 1009
 Fax: (031) 914 1012

EASTERN CAPE
 Tel: (041) 487 3706
 Fax: (041) 487 3707

WESTERN CAPE
 Tel: (021) 510 4212
 Fax: (021) 510 4213

MPUMALANGA
 Tel: (017) 638 0604
 Fax: (017) 638 0606

Part of the
Hidrostral
 group of companies



BEDFORD PUMPS