



Bekenflo

BEST OEM

INNOVATION

CATALOGUE 2020

BDL series Double Suction Split Casing pumps

Applications:

Raw Water Supply
Drinking water supply
Industrial Applications
Irrigation
HVAC and Cooling Tower
Marine and ship buildings
Cold Water Circulation
Pool Water
Condense Systems
Fire Fighting Systems



SPECIFICATIONS:

Speed: 2900rpm/ 1480rpm/1750rpm/3500rpm
Capacity: 68m³/h---18,000m³/h
Head: 7m—240m
Max Speed: 3500rpm (Diameter of impeller will be reduced)
Max Working Temperature: 105 °C
Working Pressure: Generally it is 1.6Mpa, It can rise to 2.4Mpa if material is Nodular cast or Cast Steel .

Application Std : Flange std can be BS,DIN,ANSI,etc

Remarks:

We have been OEM for many brands from Europe and our pumps has been used by famous brands from Middle east to apply for UL/FM Certificate. We can make pumps with the bearing housing as your own design.

Constructure:

Your Technical Advantages

Innovative casing

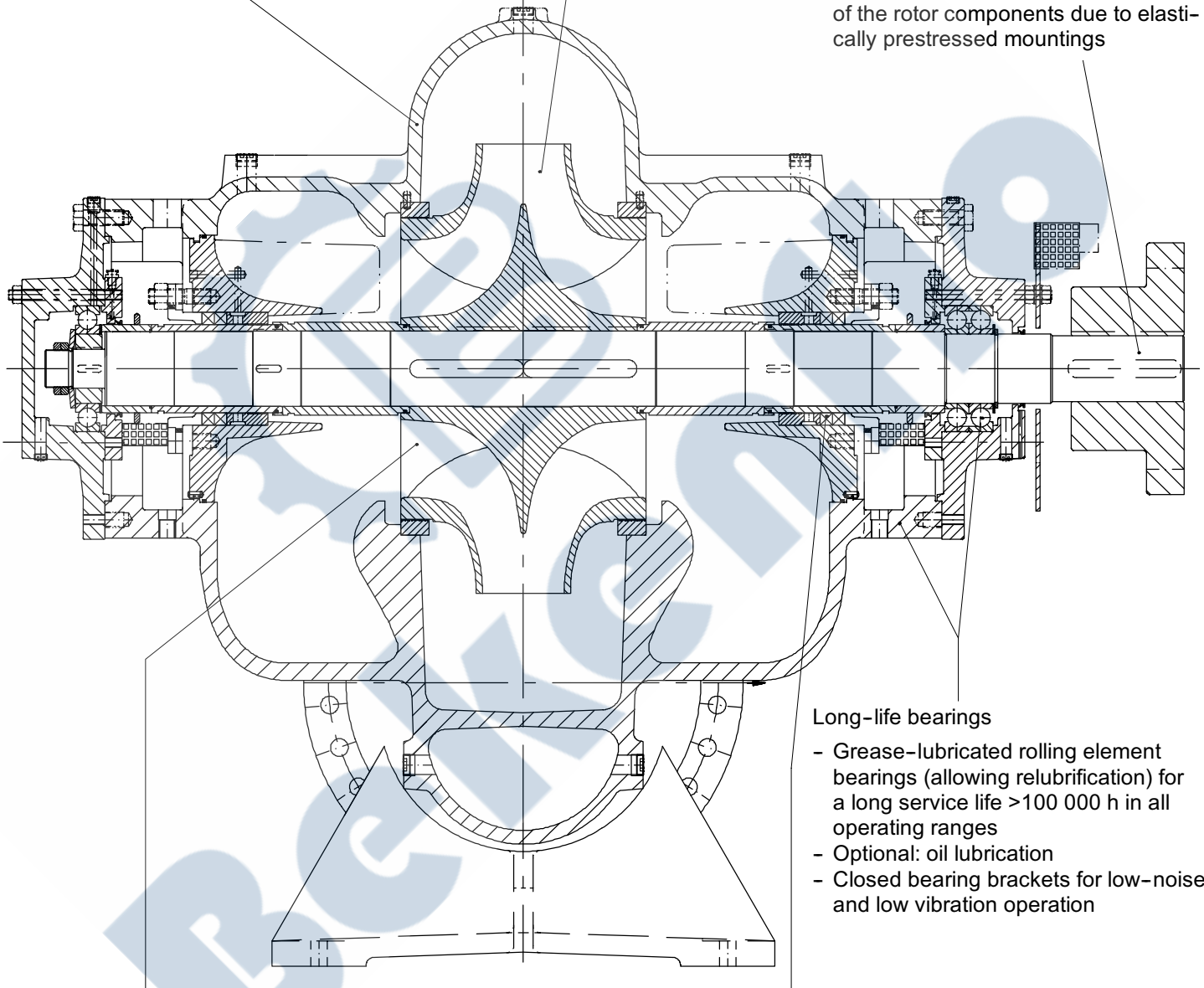
- In-line design
- Short distance between bearings and correspondingly short shaft
- Leak-free thanks to compact casing split flange with long prestressed bolts
- Change of the direction of rotation possible with identical parts
- All pump sizes with double volute
- Easy mounting of self-aligning upper casing

High performance impeller

- Minimum axial thrust due to double-entry impeller
- Optional impeller wear rings
- New vane passage with excellent hydraulic characteristics

Easy-to-service shaft

- Completely sealed and dry for zero corrosion
- Short and rigid with negligible vibrations
- Replaceable shaft protecting sleeves
- No threads exposed to pumped medium, i.e. long service life and no corrosion
- Assembly without requiring adjustment
- Fast and easy assembly/dismantling of the rotor components due to elastically prestressed mountings



Excellent efficiency Outstanding NPSH values

- Computer-optimised double-entry impellers
- Smooth surfaces inside the casing and on the impeller
- Large inlet cross-sectional areas for optimum suction behaviour
- Consistently high efficiency due to replaceable profiled casing wear rings and impeller wear rings
- Quiet, low-wear running thanks to swirl-free intake elbow with low energy loss

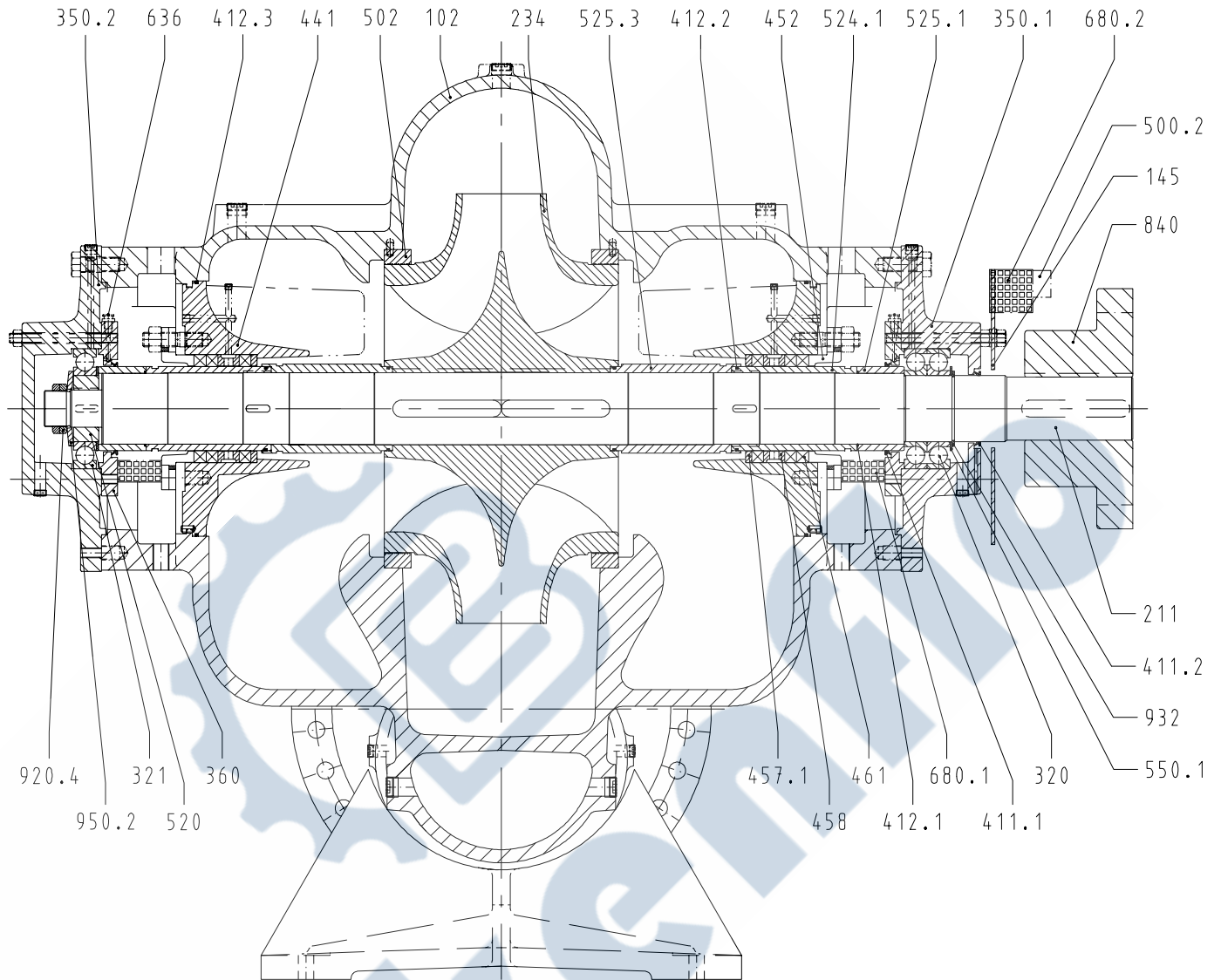
Long-life bearings

- Grease-lubricated rolling element bearings (allowing relubrication) for a long service life >100 000 h in all operating ranges
- Optional: oil lubrication
- Closed bearing brackets for low-noise and low vibration operation

Seals tailored to the application

- Asbestos-free gland packings meeting drinking water quality standards
- Split glands, i.e. ample space for servicing
- Optional: balanced mechanical seal

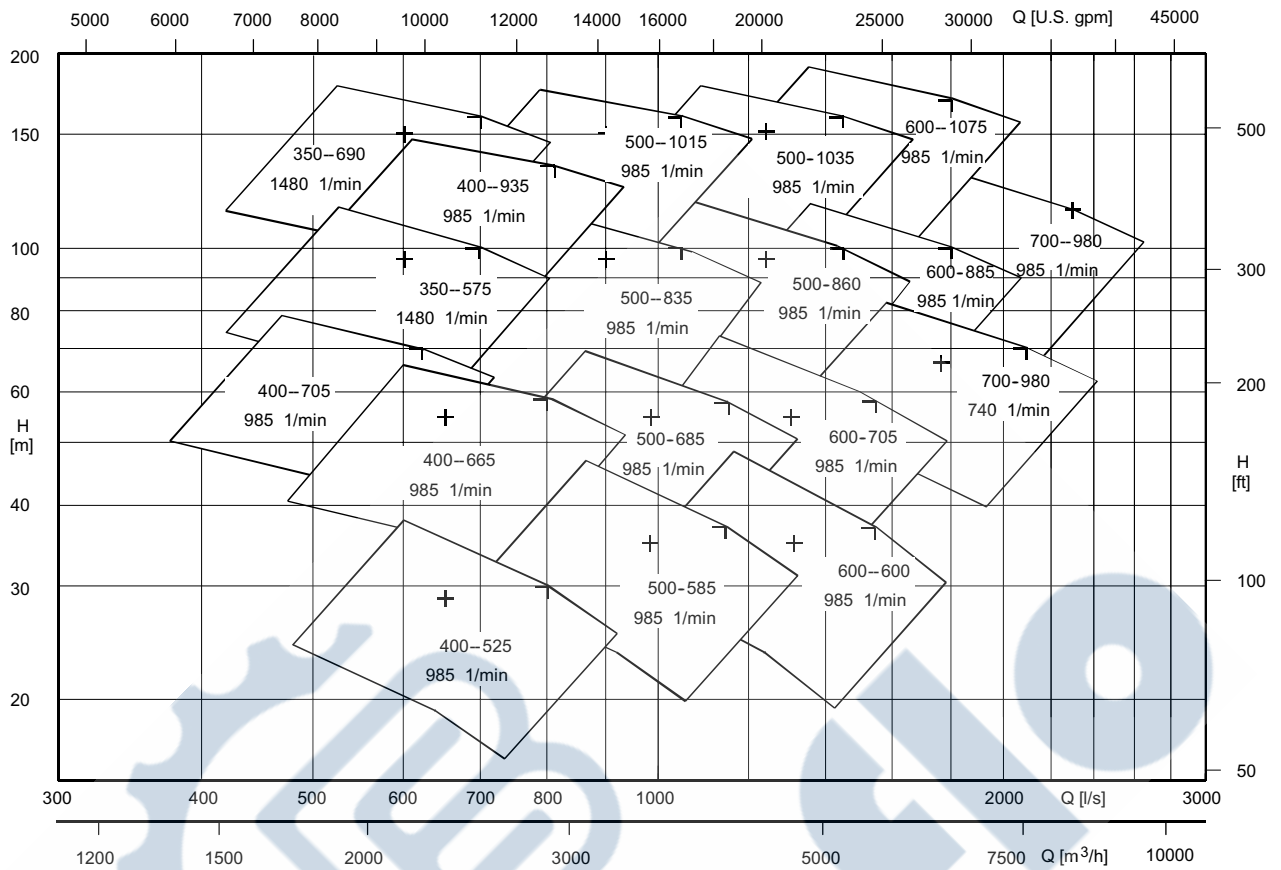
Sectional Drawing (horizontal design)



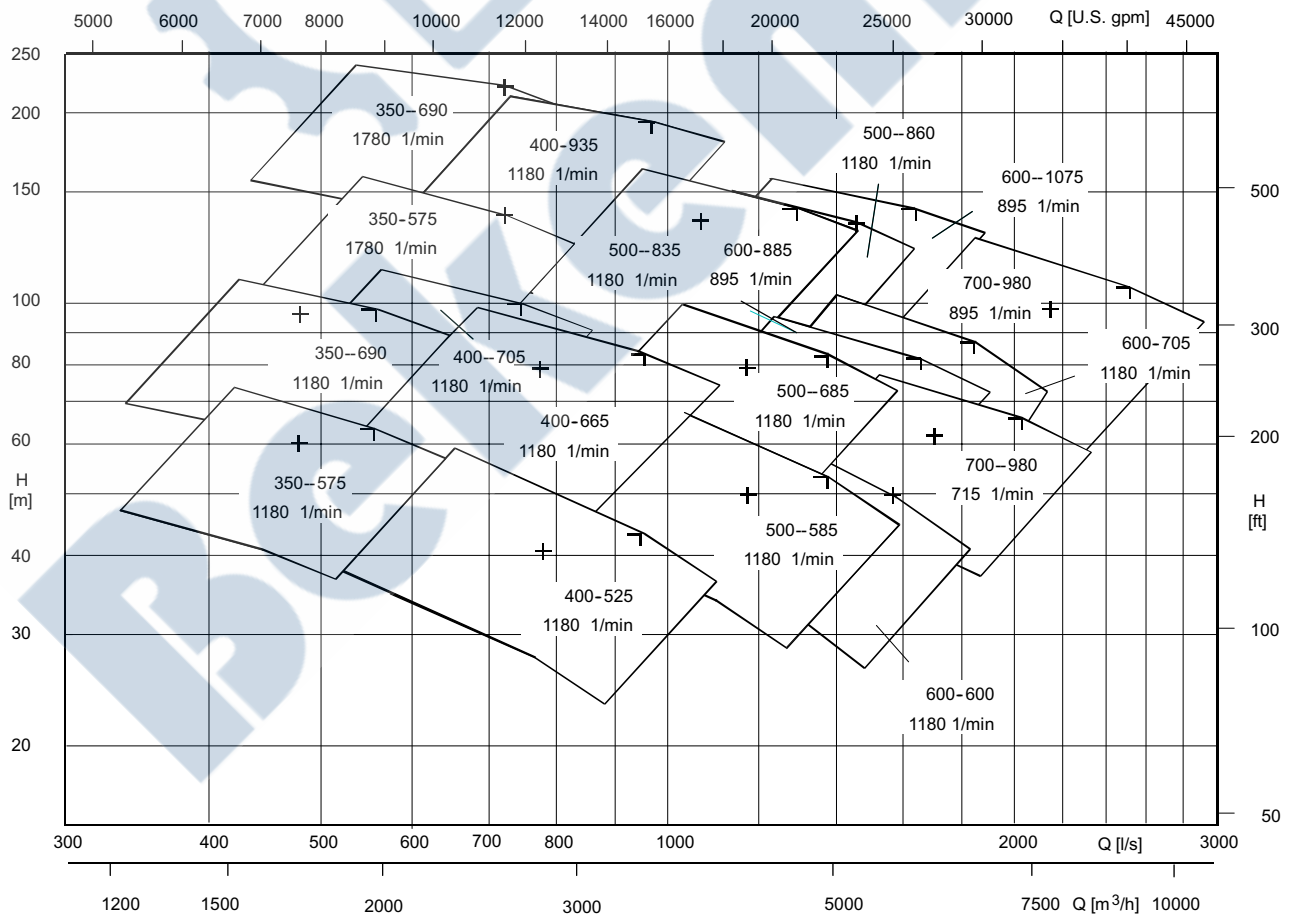
Part No.	Description	Part No.	Description	Part No.	Description
102	Volute casing	412	O-ring	524	Shaft protecting sleeve
145	Adapter	441	Shaft seal housing	525	Spacer sleeve
211	Pump shaft	452	Gland	550	Disc
234	Double-entry impeller	457	Neck ring	636	Grease nipple
320	Angular contact ball bearing	458	Lantern ring	680	Guard
321	Deep groove ball bearing	461	Packing ring	840	Coupling
350	Bearing housing	500	Ring	920	Nut
360	Bearing cover	502	Casing wear ring	932	Circlip
411	V-ring	520	Sleeve	950	Disc spring

Performance Curve :

Selection Chart 50 Hz



Selection Chart 60 Hz



opt A-type impeller
opt B-type impeller

Reference list

NO.		CLIENT	TYPE	Q	H	QTY
				(m ³ /h)	(m)	
1	ITT from USA		BHS1400-1250	19800	45	5
2	Government Project from Shenzhen		BHS1200-1000	13900	27	5
3	Government Project from		BHS900-1150BX	13680	57	8
4	Government Project from		BHS900-1150BX	10800	32	2
5	Coal Chemical industry from		BHS800-980BX	8000	50	3
6	Solar Power industry from		BHS800-980BX	8000	50	4
7	Hot Water Heating from Shangdong		BHS800-900A	10440	15	2
8	Chemical industry from Hangzhou		BHS600-710A	4100	49.5	4
9	Chemical industry from Jinan		BHS600-710AI	3800	53	3
10	Coal Chemical industry from		BHS600-710AX	4000	50	3
11	Steel Industry from MaAnShan		BHS600-620A	4752	38.8	4
12	Government Project from AnHui		BHS600-560B	3996	20	4
13	Government Project from Myanmar		BHS600-560A	4700	24	12
14	Government Project from Myanmar		BHS500-790B	3500	62	18
15	Steel Industry from MaAnShan		BHS500-790A	3400	72.6	4
16	Steel Industry from MaAnShan		BHS500-710A	3600	59	2
17	Solar Power industry from		BHS500-710AX	3600	59	2
18	Chemical industry from Tongliao		BHS500-640A	2853	38	7
19	Government Project from		BHS500-530A	3240	25	4
20	Steel Industry from HuZhou		BHS400-540A	2395	72	4
21	Coal Chemical industry from		BHS400-620AX	2000	50	2
22	Steel Industry from Capital		BHS350-510B	2088	50	3
23	Chemical industry from Tongliao		BHS350-510B	1677	24	2
24	Government Project from Wuhan		BHS350-430A	2700	43	2
25	Chemical industry from Tongliao		BHS350-430B	2448	38	6
26	Steel Industry from MaAnShan		BHS350-360B(I)	1335	26	1
27	Steel Industry from MaAnShan		BHS350-360B(I)	1335	26	2
28	Fertilizer Industry from WuJin		BHS300-435B(I)	1520	45	2
29	Chemical industry from Tongliao		BHS300-435B	1512	38	1
30	Government Project from Shenyang		BHS300-300A	1008	15.5	3
31	Fertilizer Industry from WuJin		BHS250-370B(I)	968	32	2
32	Steel Industry from HanDang		BHS200-420A	511	28.5	4
33	Steel Industry from MaAnShan		BHS200-420A	648	47.5	2
34	Steel Industry from HeFei		BHS200-420A	572	35.5	2
35	Steel Industry from HeFei		BHS125-230A	230	10	4
36	Chemical industry from NanJing		BHS100-250B	205	51	4
37	Steel Industry from BenXi		BHS100-375A	166	44	3
38	Government Project from Shenyang		BHS100-375A	155	38	2





Coal Chemical industry
from Tongliao

TYPE : BHS 800-980A
Q : 9800m³/h H : 62.5m
P : 2000kw



TYPE : BHS 800-900A 8PCS
Q : 10000m³/h
H : 40m
MOTOR : YKK710-8 , 1400kw

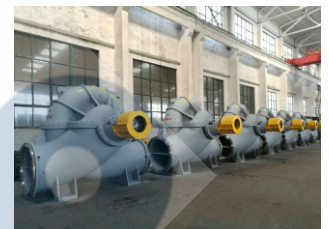
TYPE : BHS700-710C 4PCS
H : 50m
MOTOR : YKK630-6 , 1120kw



Fast East Chemical
industry from
ShaoXin (PTA)



YiShen Petrochemical Fire
Fighting Pumpset



Government Project from
Shangdong

TYPE : BHS900-1150BX
QTY : 8 SETS
Q : 2.8m³/s
H : 36m
MOTOR : 1400kw



Government Project from Shangxi
TYPE : BHS900-1150BX
Q : 3m³/s
H : 32.4m
MOTOR : Y710-12 , 1400kw



AURUM PUMPEN duplex stainless steel split casing pump
(BHS250-800, BHS300-700)



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.



BEST OEM

INNOVATION

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