

MAXIFLO

S



Split Case Pump

S Series pumps, are single-stage double suction split case centrifugal pumps designed for clean water or similar liquids without solids in water supply and drainage applications in municipal and industrial projects, as well as mines, power plants and agricultural irrigations etc.

The horizontal installation constructed with the suction and discharge nozzles located in the lower part and in right angle to the pump shaft central line, makes it convenient to pull out the rotor after removing the pump cover when maintaining and repairing without disturbing the inlet and outlet piping. Medium contacted parts are selectable from ductile cast iron, cast steel and stainless steel upon request.

Sole Distributor :
PT Putra Anugerah Mandiri
Jakarta

QUALITY PUMPS

FEATURES

- Standardized design with generalized products series.
- Stable and safe operation.
- Applicable to sandy water, corrosive liquids and oils when materials are carefully selected.
- Easy and convenient servicing and maintenance.
- Oil and grease lubrication.

Performance Data

Flow Range: 112 ~ 23,292m³/hr

Head Range: 8.5 ~ 140m

Fluid Temp.: 0 ~ 80°C

Materials of Construction

Casing & Cover: Cast/ductile iron

Shaft: Carbon steel

Impeller: Ductile cast iron, cast steel and St. steel

Sealing: Packing or mechanical

Shaft Sleeve: Cast iron

Seal Ring: Cast iron

Model Nomenclature

e.g. 600S47JA

600 — Suction Dia. (mm)

S — Double Suction and Centrifugal

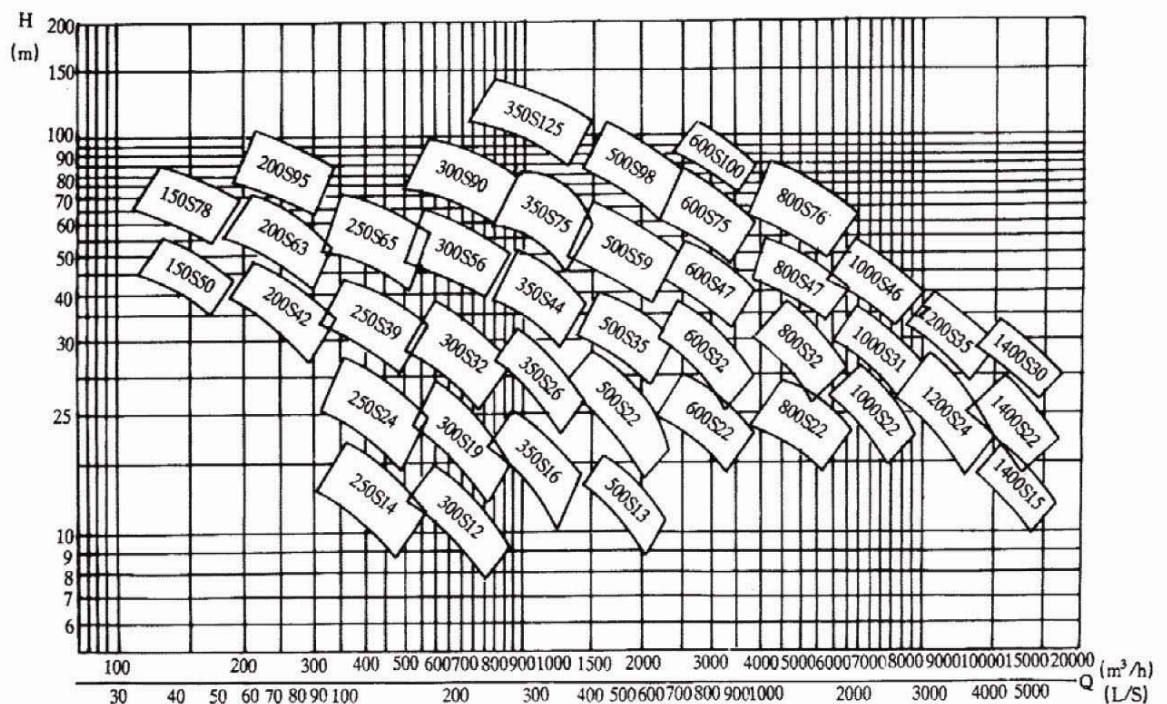
47 — Designed Head (m)

Variations:

J — RPM

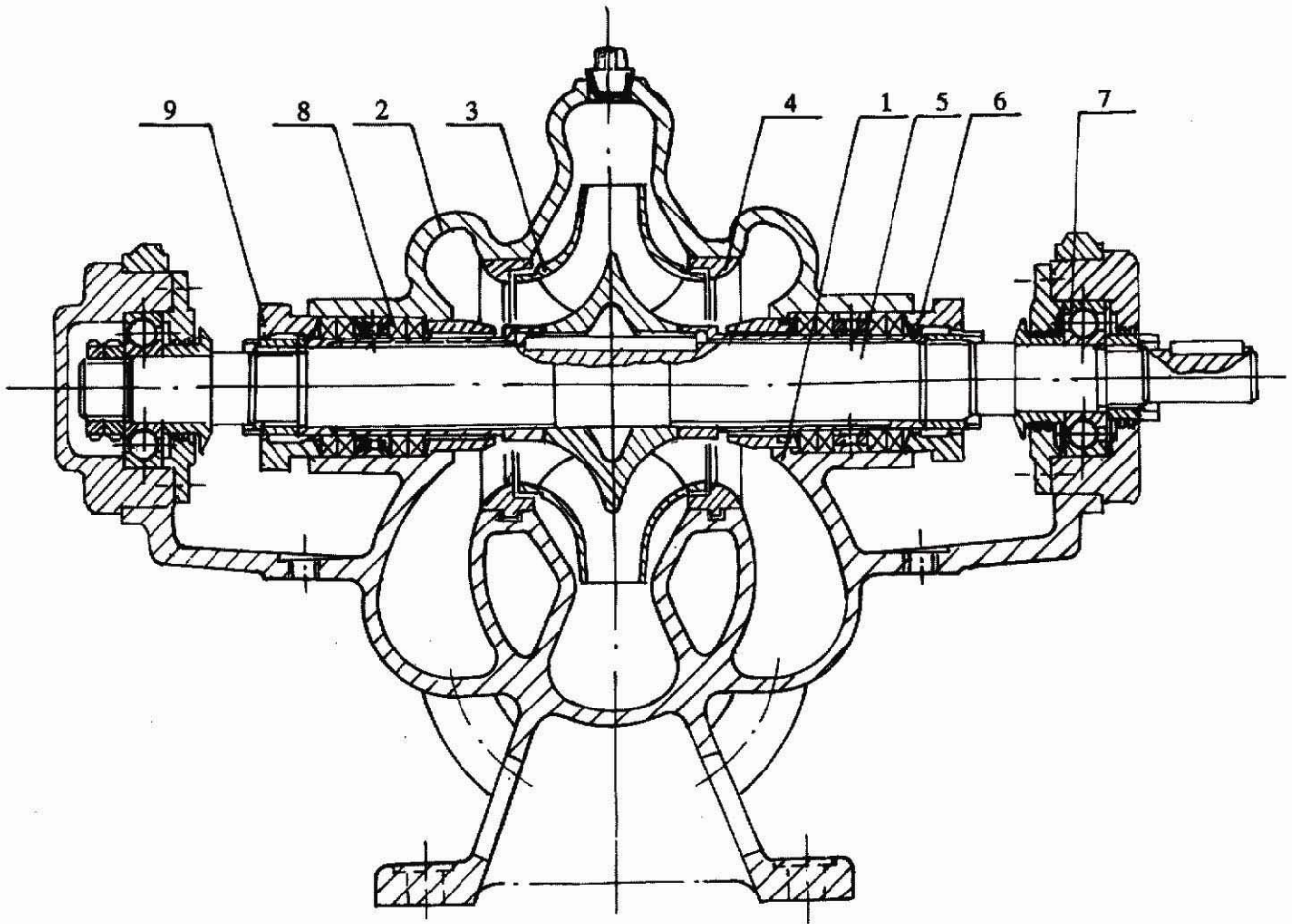
A — Impeller

Family Curves



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Configuration Drawing (A)

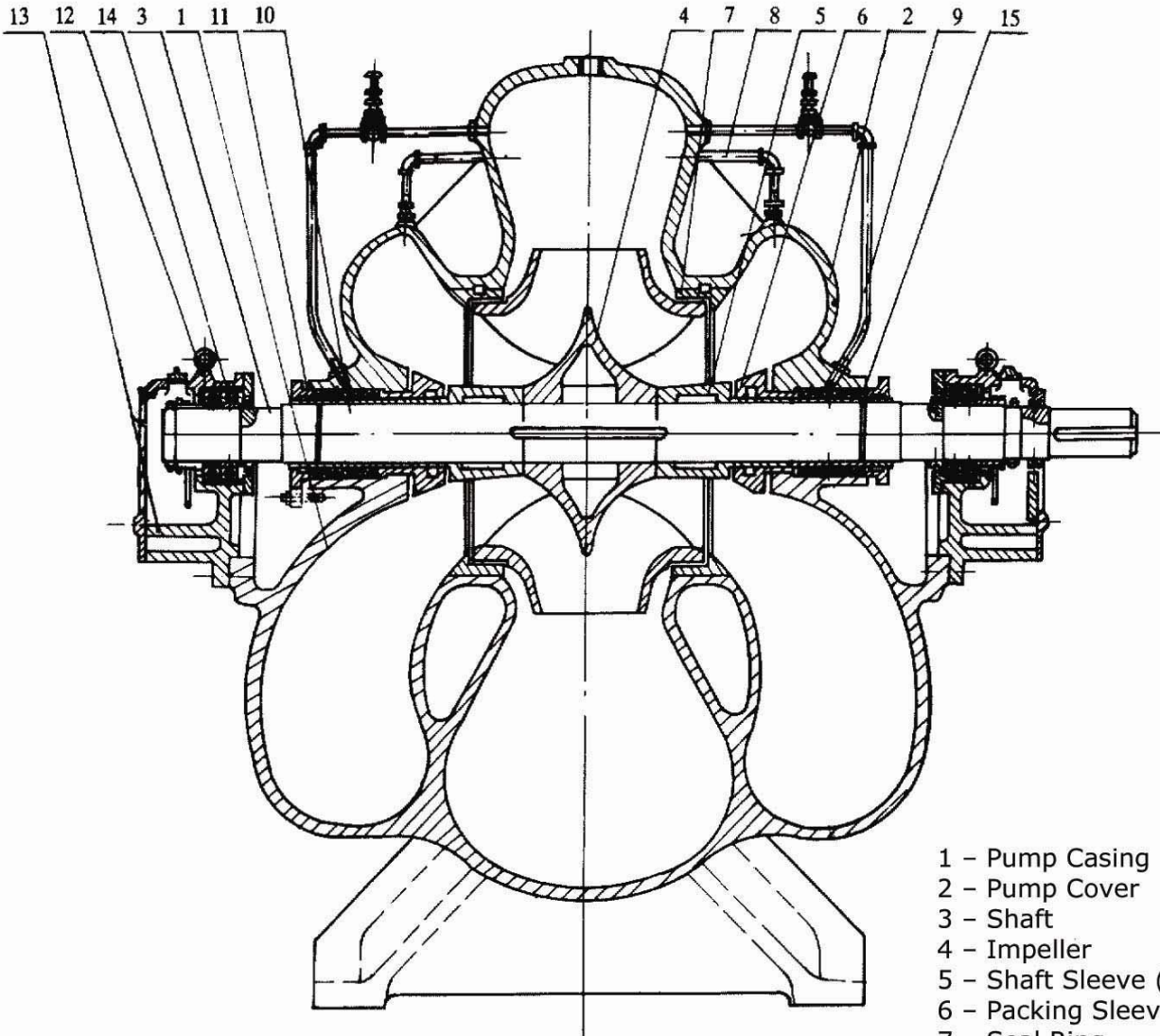


- 1 - Pump casing
- 2 - Pump Cover
- 3 - Impeller
- 4 - Seal Ring
- 5 - Shaft
- 6 - Shaft Sleeve
- 7 - Bearing
- 8 - Packing
- 9 - Gland Cover

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Configuration Drawing (B)



- 1 - Pump Casing
- 2 - Pump Cover
- 3 - Shaft
- 4 - Impeller
- 5 - Shaft Sleeve (A)
- 6 - Packing Sleeve
- 7 - Seal Ring
- 8 - Air Release
- 9 - Water Sealing Pipes
- 10 - Seal Cage
- 11 - Gland Cover
- 12 - Bearing Upper Cover
- 13 - Bearing Housing
- 14 - Ball Bearing
- 15 - Packing

Performance Data Chart

Model	Speed n (r/min)	Capacity Q (m ³ /h)	Head H (m)	Eff. η (%)	Power		(NPSH) _r (m)	Motor Model
					Shaft Power (kW)	Motor Power (kW)		
300S32A	1480	537	29.5	80	53.9	75	4.6	Y280S-4
		702	24.7	84	56.2			
		790	22.8	78	62.9			
300S58	1480	576	65	75	135.9	200	4.4	Y315L2-4
		790	58	84	148.6			
		972	50	80	165.4			
300S58A	1480	529	55	80	99	160	4.4	Y315L1-4
		720	49	81	118.6			
		893	42	78	130.9			
300S58B	1480	504	47.2	73	88.7	132	4.4	Y315M-4
		684	43	80	100.1			
		835	37	78	107.9			
300S90	1480	590	93	74	202	315	4	Y3554-4
		790	90	80	242			
		936	82	75	279			
300S90A	1480	576	86	71	190	280	4	Y3553-4
		756	78	74	217			
		918	70	71	246			
300S90B	1480	540	72	70	151	220	4	Y3551-4
		720	67	73	180			
		900	57	70	200			
350S16	1480	972	20	83	63.8	75	5.3	Y280S-4
		1260	16	86	63.8			
		1440	13.4	74	71			
350S16A	1480	800	13.7	74	40.3	55	5.3	Y250M-4
		967	11.5	78	38.8			
		1167	8.6	70	39			
350S26	1480	972	32	85	99.7	132	5.3	Y315M-4
		1260	26	88	101.4			
		1440	22	82	105.2			
350S26A	1480	843	24.7	80	70.9	90	5.3	Y280M-4
		1088	20.4	83	72.8			
		1264	15.7	73	74			
350S44	1480	972	50	81	163.4	220	3.1	Y3551-4
		1360	44	87	173.5		4.4	
		1476	37	79	188.3		6	