SMI - AIX Single Stage Suction Centrifugal Pumps





SMI - AIX

Single Stage Suction Centrifugal Pumps

Application:

Smi -Aix series pumps are often used in airconditioning, boiler water supply, cool water circulation, fire protection sprinkling system. It carry liquids which is similar to clean water in manufacturing process area. Allpumps is according to DIN24255 SPEC and is also available in Stainless steel.

Working Performance:

Discharge diameter: DN32-300MM Capacity range: 4.5-1600m3/h

Head range: 5 - 150m

Speed: 1450rpm/min & 2900rpm (50Hz Electric

source)

Max speed: 3500 rpm(Electric source 60Hz

motors, Impeller size will decrease)

Working Pressure : 1.6Mpa

Working Temprature: -10C - 85C

Type Description:

EX: AIX100/40

AIX: AIX series single stage single suction

centrifugal pump

100: Discharge Diameter (mm)

40: Impeller diameters

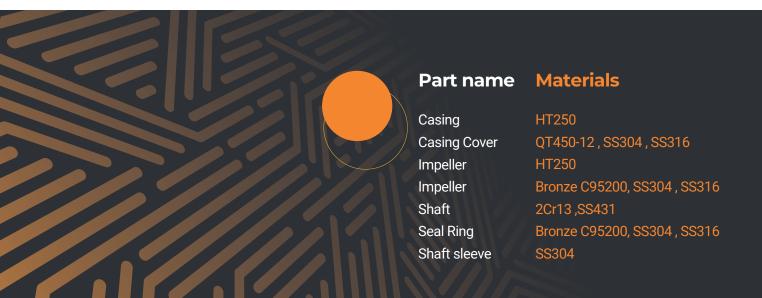
Impeller sizes can be Machined to customer

requirements and needs

Shaft Seal:

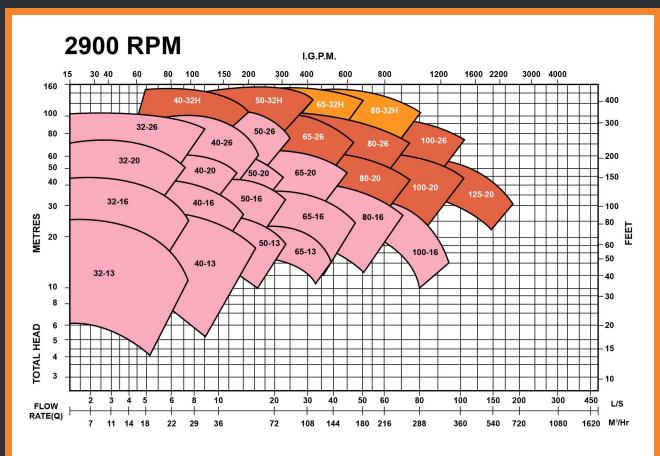
Use of Mechanical seal or Gland packing depends on customer application or choice

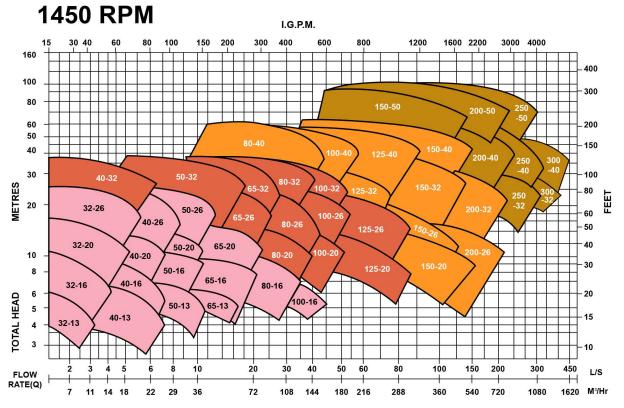






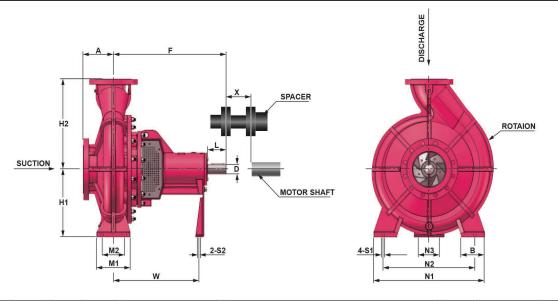
Quick Selection Chart







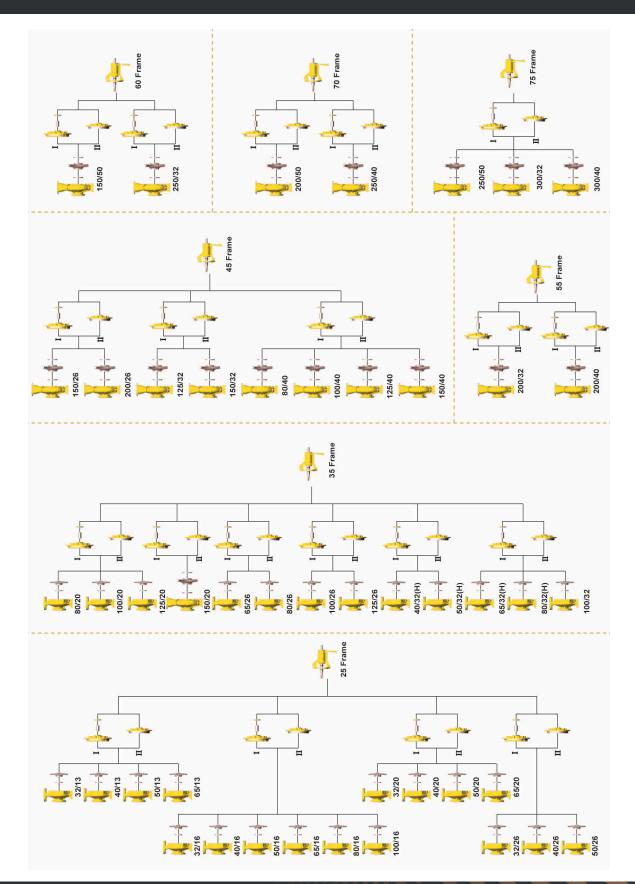
Outline Dimensions



PUMP	SHAFT	SUCT.	DISCH.	ISCH. PUMP					FOOT								SPACER	R SHAFT END		Weight (kg)
SIZE	MODULE			Α	F	H1	H2	M1	M2	N1	N2	S1	В	W	N3	S2	Х	D	L	≥ _
32-13			32	80		112	140	100 70	70	190	140	50 65 50	50		100		100	Ф24	50	30
32-16	25	50				132	160			240	190			L'	100					39
32-20						160	180			240	190				110					43
32-26						180	225	125	95	320	250		65							62
40-13		65	40	80 100	360	112	140	100		210	160			267	100					33
40-16						132	160		70	240	190		50		100					38
40-20						160	180			265	212				110					47
40-26						180	225		95	320	250		65							62
40-32H	35			125	470	200			30	345	280	000 00 000		342			140	Ф32	80	87
50-13	25	65	50	100	360	132	160	100		240	190	65	50 65	267	100		100	Ф24	50	40
50-16						160	180		95	265	212				19907/07/					51
50-20							200								440					49
50-26						180	225			320	250				110					63
50-32H	35				470	225	280	405		345	280			342	342		140	Ф32	80	87
65-13	05		65	100	360	160	180	125		280	212		50		100			Ф24	50	46
65-16	25	212					200			10.00			35.50	267	100	Φ14	100			48
65-20		80				180	225			320	250		65							57
65-26	35				470	200	250	160	120	360	280	Ф18	80	342			140	Ф32	80	81
65-32H	0.5		_			225	280			400	315						400	***		98
80-16	25		80	125	360	180	225	125	95	320	250	Ф14	50	267			140	Ф24	80 110	51
80-20	35 1	100			470 519	180	250			345	280	Ф18	65	342				Ф32		73
80-26		100				200 250	280 315	160 125	120	400	315		80							91
80-32H						280	355			440	355		00			110				103
80-40 100-16	25				360	180	225		95	320	250	D44	50				100	Φ24	50	141
100-16	25		100		470	200	225	160 120	120	400	315	Ф14	50	267	1		140	Ф24	80	63 94
100-26	35 45	125				225	280			400	315			342 1						98
100-26						250	315			440	355	Ф18			440				00	110
100-32						280	355		150	500	400	Ф23			110			Φ42	110	164
125-20	45			140		W K-2 S)	315	200	150	300	400	Ψ23	100	3/0	342 370 367					97
125-26	35		125		470	250	310	160	120	400	315	Ф18	80	342				Ф32	80	110
125-32		150			530	280	355		150			Ф23 Ф20 Ф23	100							158
125-40	45					315				500	400			370				Ф42	110	178
150-20	35G				495	280	400			550	450			367				Ф32	80	154
150-26			150	160	530	250	355	200		450	350		100	501				Ф42	110	144
150-32	45 60	200				280	400							370						183
150-40						315	455			550	450									206
150-50					670	375	500	200		660	550		140					Ф55		393
200-26	45	100		180	546	280	400			550				389				Ф42		216
200-32	55	250	200	200	670		450				450		100							308
200-40						355				550				511				Ф48		341
200-50	70				760	400	500	300	240	720	600	Ф27	160	520				Ф65	140	468
250-32	60	-	250	200 250	670	355	525	250 300	175	600		Ф23	100	511	140	Ф19	180	Ф55	110	368
250-40		300			780	400	500		250 240 200	710	500	Ф23	120	540				Ф65	140	453
250-50				240	873	425	545			720	enc		165	632						465
300-32	75	350	300	259 280		403	562	550		750	600		140	634				Ф70	147	520
300-40	1	300	300		875		600			800	660		150	626						583



Pump Structures





Please feel free to contact us if you require any additional information.



Contact Us

SMI Pumps. One of the leading centrifugal pump manufacturers in South Africa and overseas. We manufacture centrifugal pumps intended for different applications. This includes clear-water pumps and dredge pumps of various types. The products quality have contributed greatly to our success as a leading pump manufacturer.



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