

Industrial End-suction Pump



Model:XA

YINJIA Pump is a professional surface clean water pump manufacturer in China since 1990, has specialized in manufacturing various of surface clean water pumps, as well as providing industrial end-suction pump for the world. We are committed to providing high quality product at a competitive price and backed up with superior service. Welcome to inquiry for industrial standard pump.

YINJIA is a leading China industrial end-suction pump manufacturer, supplier and exporter. Adhering to the pursuit of perfect quality of products. XA series industrial end-suction pump, built to DIN24255/EN733 standard. Frame mounted pump design, back pullout construction with integral foot mounted casing enables disassembly and inspection without removal of suction and discharge piping. Pumps of the same model have different performance levels basing on different diameter after impeller trimming. A complete range to meet customers demands.

Product Feature And Application

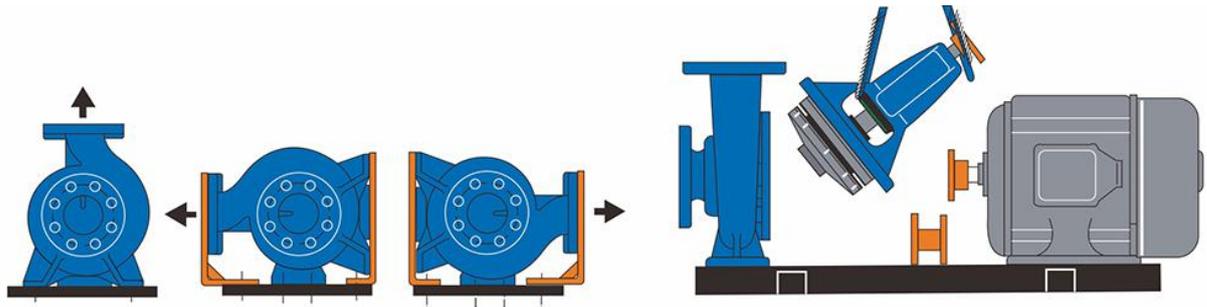
• APPLICATIONS

- XA pumps are used for pumping clean water or liquids which characteristic of chemical and physical is similar to water. They are suitable for plants, cover and rotan mine, city water supply, air-condition, firefight system and irrigation. frame is supplied and irrigation.
- For a pump of same model, the performance can be changed by cutting The motor drive their outer diameter of impeller(which is indicated as the letter A, B or C, at the end of model name).
- XA pump is simple in structure, reliable in performance, small in size, light in The volute casing weight, high in suction lift, low in power consumption and easy in iron, the shaft means of soft- maintenance.
- Stainless steel XA pumps allow some liquid within a certain range of stainless steel,frame is made of aggressive.

• CONSTRUCTION DETAILS

- The pump is back-pull-out design, which allows disassembling the casting cover and rotary components without removing the pipe works. The mounting frame is supplied with two ball bearings lubricated by grease or engine oil.
- The motor drives the pump through the flexibly coupling directly.
- The suction and discharge flange the casing and pump foot are all cast to whole.-The volute casing, impeller and the volute casing cover are all made of cast iron, the shaft is made of high tensile steel. The Sealing box is sealed by means of soft-packed or mechanical seal; the shaft sleeve is made of stainless steel, the support foot, which is an auxiliary frame to the mounting frame is made of carbon steel.

"ISO Sovereign"BACK PULL OUT



Assembling of pump-motor through a coupling on a base-plate enable an easy disassembling of the complete rotor without modifying the alignment of the pump group and without disconnecting pipes and motor.

PERFORMANCE DATA

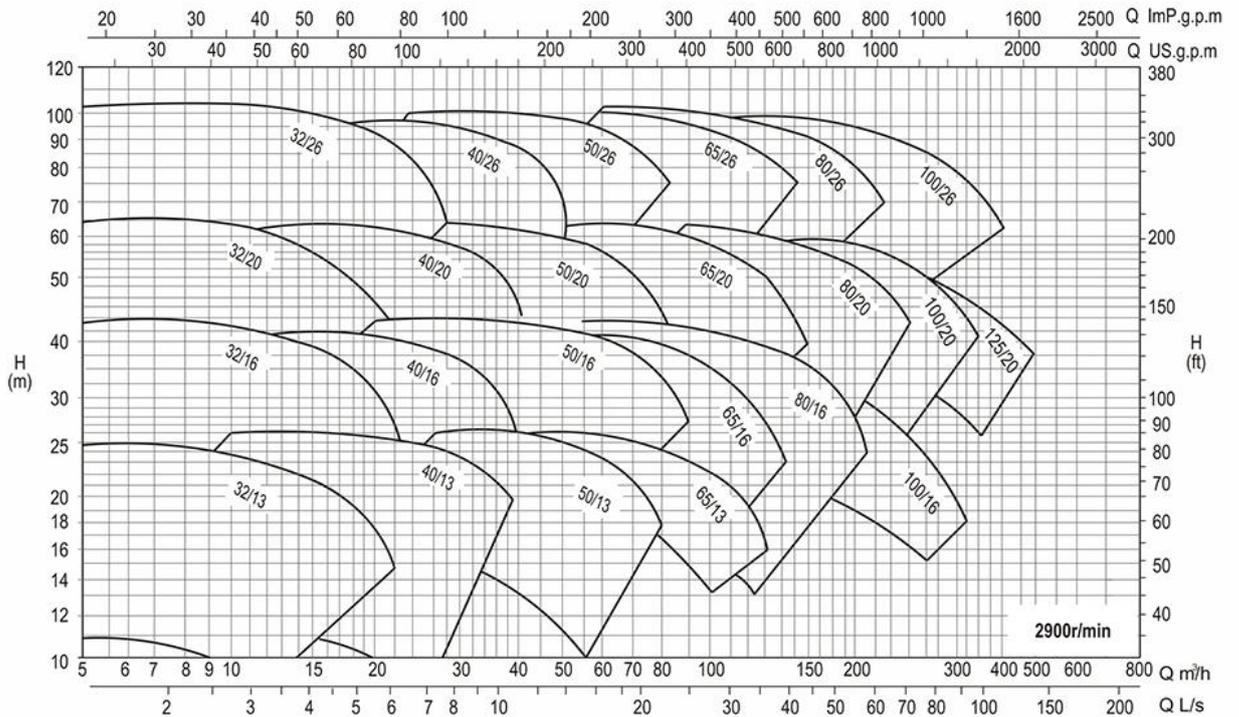
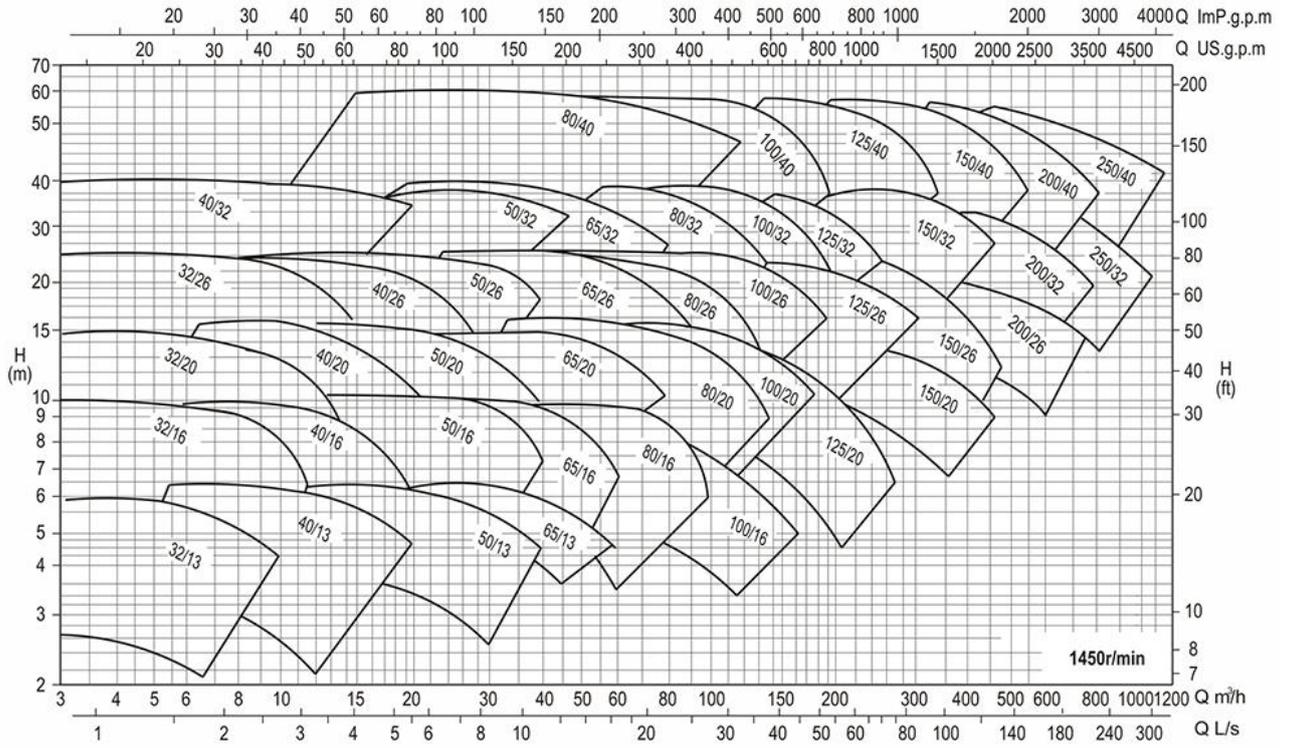
	2900 rpm	1450rpm
Max. Flow	100 l/s	300 l/s
Max. Head	100 mt.	55 mt.
Inlet/Outlet	50x32mm - 300x250mm (XA32/13 - XA250/40)	
Max. temperature	105°C (depends on the type of mechanical seal)	
Min. temperature	-10°C	
Max. operating pressure	1.0MPa (if 1.6MPa is required, indicated in the order)	

MODEL DEFINED



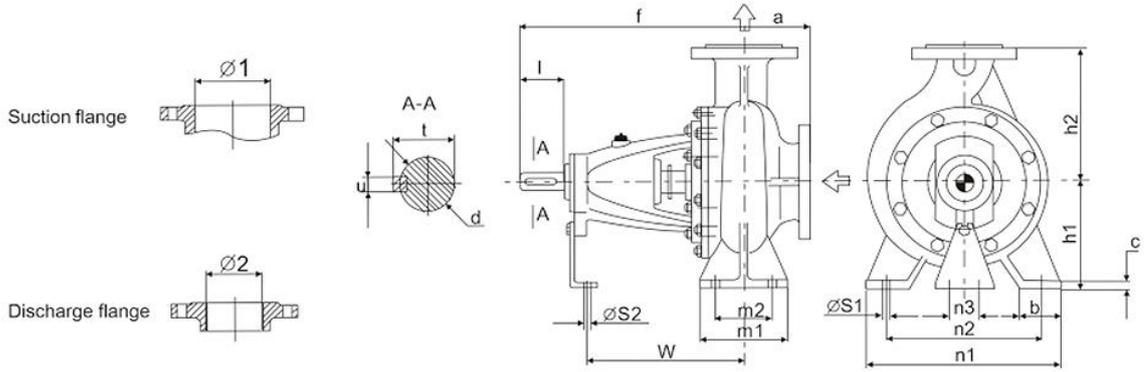
E.g. XA32/13A means pump outlet diameter is 32mm, the impeller nominal diameter is 13cm. Impeller is after the first cutting.

Product Parameter (Specification)

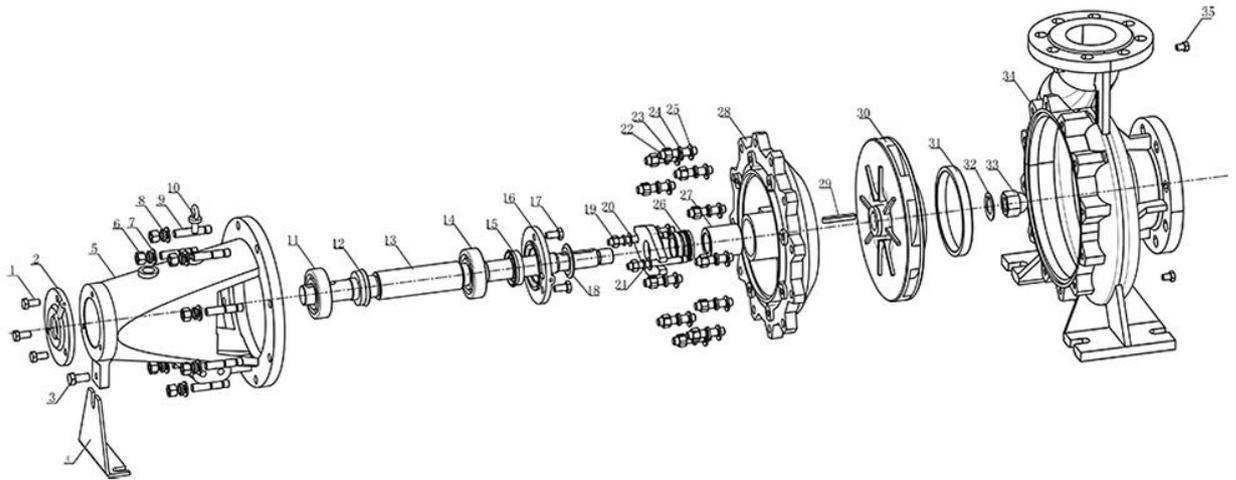


PERFORMANCE PDF

DIMENSIONS



Model	Dia. of shaft	Dimension of pump							Dimension of foot of pump										End of shaft			
		$\varnothing 1$	$\varnothing 2$	a	f	h1	h2	b	c	m1	m2	n1	n2	$\varnothing S1$	n3	$\varnothing S2$	W	d	i	t	u	
XA32/13-0.55	25	50	32	80	360	112	140	50	14	100	70	190	140	14	100	14	267	24	50	27	8	
XA32/16-0.55	25	50	32	80	360	132	160	50	14	100	70	240	190	14	100	14	267	24	50	27	8	
XA32/20-1.1	25	50	32	80	360	160	180	50	14	100	70	240	190	14	110	14	267	24	50	27	8	
XA32/26-3	25	50	32	100	360	180	225	65	14	125	95	320	250	14	110	14	267	24	50	27	8	
XA40/13-0.55	25	65	40	80	360	112	140	50	14	100	70	210	160	14	100	14	267	24	50	27	8	
XA40/16-1.1	25	65	40	80	360	132	160	50	14	100	70	240	190	14	100	14	267	24	50	27	8	
XA40/20-1.5	25	65	40	100	360	160	180	50	14	100	70	265	212	14	110	14	267	24	50	27	8	
XA40/26-3	25	65	40	100	360	180	225	65	14	125	95	320	250	14	110	14	267	24	50	27	8	
XA40/32-5.5	35	65	40	100	470	200	250	65	14	125	95	345	280	14	110	14	342	32	80	35	10	
XA50/13-1.1	25	65	50	100	360	132	160	50	14	100	70	240	190	14	100	14	267	24	50	27	8	
XA50/16-1.5	25	65	50	100	360	160	180	50	14	100	70	265	212	14	110	14	267	24	50	27	8	
XA50/20-2.2	25	65	50	100	360	160	200	65	14	125	70	265	212	14	110	14	267	24	50	27	8	
XA50/26-5.5	25	65	50	100	360	180	225	65	14	125	95	320	250	14	110	14	267	24	50	27	8	
XA50/32-11	35	65	50	125	470	225	280	65	16	125	95	345	280	14	110	14	342	32	80	35	10	
XA65/13-1.5	25	80	65	100	367	160	180	65	14	125	95	280	212	14	110	14	274	24	50	27	8	
XA65/16-2.2	25	80	65	100	367	160	200	65	14	125	95	280	212	14	110	14	274	24	50	27	8	
XA65/20-4	25	80	65	100	365	180	225	65	14	125	95	320	250	14	110	14	272	24	50	27	8	
XA65/26-7.5	35	80	65	100	470	200	250	80	16	160	120	360	280	17.5	110	14	342	32	80	35	10	
XA65/32-15	35	80	65	125	470	225	280	80	16	160	120	400	315	17.5	110	14	342	32	80	35	10	
XA80/16-3	25	100	80	125	367	180	225	65	14	125	95	320	250	14	110	14	274	24	50	27	8	
XA80/20-7.5	35	100	80	125	470	180	250	65	14	125	95	345	280	14	110	14	326	32	80	35	10	
XA80/26-11	35	100	80	125	470	200	280	80	16	160	120	400	315	14	110	14	342	32	80	35	10	
XA80/32-18.5	35	100	80	125	470	250	315	80	16	160	120	400	315	17.5	110	14	342	32	80	35	10	
XA80/40-30	45	100	80	125	530	280	355	85	16	160	120	440	340	17.5	110	14	368	42	110	45	12	
XA100/16	35	125	100	125	470	200	250	80	16	160	120	360	280	17.5	110	14	342	32	80	35	10	
XA100/20-11	35	125	100	125	470	200	280	80	16	160	120	360	280	17.5	110	14	342	32	80	35	10	
XA100/26-15	35	125	100	140	475	225	280	80	16	160	120	400	315	17.5	110	14	350	32	80	35	10	
XA100/32-22	35	125	100	140	470	250	315	80	16	160	120	400	315	17.5	110	14	342	32	80	35	10	
XA100/40-45	45	125	100	140	530	280	355	100	18	200	150	500	400	23	110	14	370	42	110	45	12	
XA125/20-11	35	150	125	140	470	250	315	80	16	160	120	400	315	17.5	110	14	342	32	80	35	10	
XA125/26-22	35	150	125	140	470	250	355	80	16	160	120	400	315	17.5	110	14	342	32	80	34	10	
XA125/32-30	45	150	125	140	530	280	355	100	18	200	150	500	400	23	110	14	370	42	110	45	12	
XA125/40-75	45	150	125	140	530	315	400	100	18	200	150	500	400	23	110	14	370	42	110	45	12	
XA150/20-18.5	35	200	150	160	495	280	400	100	20	200	150	550	450	23	110	14	367	32	80	35	10	
XA150/26-30	45	200	150	160	530	250	355	100	18	200	150	450	350	23	110	14	370	42	110	45	12	
XA150/32-55	45	200	150	160	530	280	400	100	18	200	150	550	450	23	110	14	370	42	110	45	12	
XA150/40-90	45	200	150	160	530	315	450	100	18	200	150	550	450	23	110	14	370	42	110	45	12	
XA200/26-55	45	250	200	180	553	315	450	100	20	200	150	550	450	28	110	14	399	48	110	45	12	
XA200/32-75	55	250	200	180	670	315	480	120	20	220	170	600	480	28	110	14	507	48	110	51.5	14	
XA200/40-132	55	250	200	180	670	335	480	120	20	220	170	600	480	28	110	14	507	48	110	51.5	14	
XA250/32-90	55	300	250	220	691	355	520	150	20	250	200	660	510	28	110	14	528	48	110	51.5	14	
XA250/40-160	55	300	250	220	682	400	560	150	20	250	200	660	510	28	110	14	519	48	110	51.5	14	



Ser.No.	Part Name	Ser.No.	Part Name	Ser.No.	Part Name
1	Screws	13	shaft	25	washer
2	Bearing Cover	14	bearing	26	mechanical seal
3	Screws	15	Mechanical seal	27	sleeve
4	Supporting shelf	16	Bearing Cover	28	pump cover
5	shelf	17	Screws	29	key
6	nuts	18	O- ring	30	impeller
7	washer	19	Bolts M10	31	seal ring
8	spring washer	20	washer	32	washer
9	Bolts	21	spring washer	33	nults
10	Hanging ring	22	bolts	34	pump body
11	Bearing	23	nuts	35	plug
12	Mechanical seal	24	spring washer		