



YOUTH AQUA

YOUTH AQUA

APPLY TO BE OUR AGENT

We are Taizhou Yousi Pump, a leading company specializing in the development and manufacture of high-quality water pumps. Our products, which are industrial grade, have won wide acclaim from customers worldwide for their excellent performance, reliable quality and innovative design.

WHY CHOOSE YOUTH AQUA?

Because we have the best service and more cost-effective pumps!



E-mail: sales@yousipump.com



Whatsapp: +86 156-1852-0836

APPLY



Market Advantage: Our products have significant market advantages in several fields, providing a solid foundation for your business growth.



Technical support: Professional training and after-sales support to ensure worry-free service.



Customized services: We can provide customized products and solutions to meet specific market needs based on your market feedback.



Brand sharing: As our honored distributor, you will share the brand influence of Taizhou YOUSI Pump to enhance your market competitiveness.



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YOUTH AQUA
water pump manufacturer



2024

INDUSTRIAL PUMPS

TAIZHOU YOUSI PUMP CO., LTD

■ Product Description

XA and XAT series standardized end suction centrifugal pumps are both designed according to EN733 / DIN24255 standard, with axial suction and radial discharge. XA series are long coupled structure, while XAT series are closed coupled structure. Various medium can be pumped by using different types of materials and mechanical seals. The back pull out design allows disassembling the casing cover and the rotary components without removing the casing and pipelines, which makes it much more convenient for the maintenance.

■ Applications

They are used for clean water or medium with physical and chemical properties similar to water, and suitable for the usages from industrial applications to irrigation, from air conditioning and heating to washing systems such as: water treatment, textile industry, washing and cleaning, chemical industry, marine, paper-making, power plant, etc.

■ Technology Applications

The pumps are mounted in horizontal, with axial suction and radial discharge and back pull out design.
The stainless steel pumps adopt the precision casting, pickling oxidation treatment. They are constructed according to EN733 / DIN24255 standard.

■ Medium

They are used for clean water or medium with physical and chemical properties similar to water. The medium contains solid insoluble matter, the particle size should be less than 3mm, the volume content should be less than 2%, and the viscosity should be less than 150cst. When the viscosity is from 20cst to 150cst , the performance should be corrected.

■ Technical Parameters

Suc. Flange: DN50 ~ DN350mm
Dis. Flange DN32 ~ DN300
Qmax: 1440 m³/h
Hmax: 150m
Speed: 2900r/min, 1450r/min
Working pressure: 1.6 ~ 2.5MPa
Rotation direction: clockwise, viewed from driven end
When the frequency is 60HZ, please refer to the selection chart.

■ Operating Conditions

Medium temperature: -20°C ~ +85°C
Maximum ambient temperature: +40°C
Altitude: less than 1000m
Relative humidity: less than 95%

■ Model Code Designation

XA (XAT) 200 / 40 A, B, C, D, E
XA — XA series standardized end suction pumps
XAT — XAT series close coupled end suction pumps
200 — pump outlet diameter, mm
40 — Impeller nominal diameter, cm
A, B, C, D, E — impeller diameter code
The parameters of XA series and XAT series (maximum power 90KW) are same. And they share the same casings and impellers.

■ Materials

Pump casing: cast iron, ductile iron, cast steel, stainless steel, duplex stainless steel, etc
Impeller and sealing ring: cast iron, ductile iron, cast steel, stainless steel, copper alloy, duplex stainless steel, etc
Pump shaft: carbon steel, stainless steel, etc
Shaft sleeve: stainless steel, duplex stainless steel, etc
Shaft seal: gland packing seal, mechanical seal
Different materials can be combined for various working conditions. Special materials can be customized by orders.

■ Motor

Ie3 is the standard motor, IE2, IE4 and IE5 motors are optional. Explosion-proof, variable frequency or other types of motors can be made by order too.

■ Special Instructions

For special medium, indicate its name, temperature, density and viscosity in the contract. When there are special requirements for the flow, head, inlet pressure, motor voltage, frequency, explosion-proof, etc., indicate them in the contract too.

XA Series

End Suction Pump

Pump shaft

Enlarged size design, more stable and reliable operation

Shaft Sleeve

Stainless steel sleeve are standard to protect the pump shaft

Hydrodynamics

CFD fluid software develops high-efficiency hydraulic models with wide efficiency areas to meet the operational efficiency and reliability requirements of design conditions and deviations from design conditions to the greatest extent.

Impeller

The impeller back blades or front and rear sealing ring structure effectively balances the axial force, with higher efficiency, suitable for medium containing micro-solid particles

Shaft seal

Excellent sealing solutions: single face mechanical seal, double face mechanical seal or cartridge mechanical seal. Internal flushing design. Auxiliary systems can be ordered.

Casing wear ring

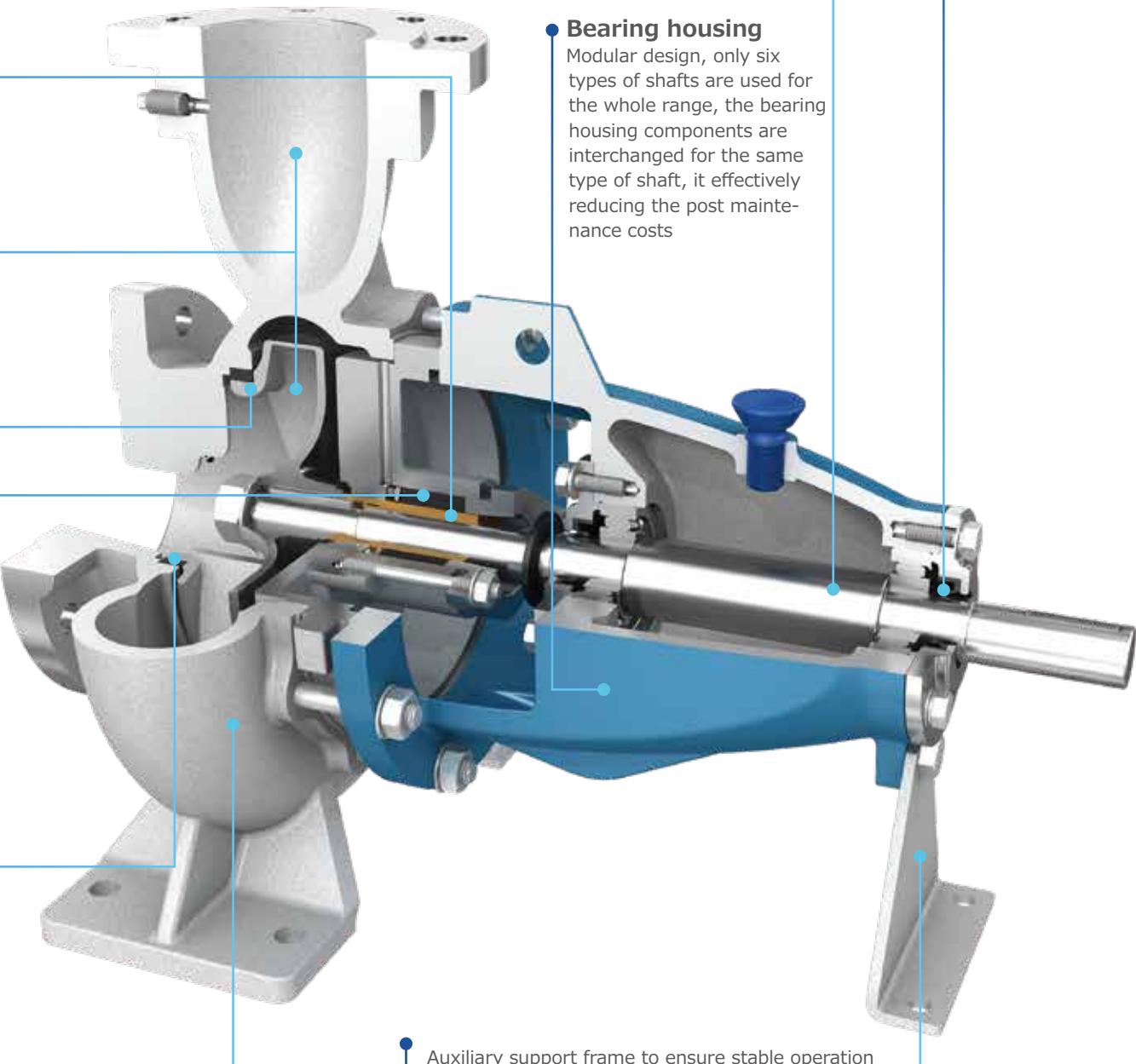
Extended structure reduces volume leakage and effectively protects the impeller and housing.

Volute casing

Spiral volute, axial suction, radial discharge, back pull out design, easy maintenance
Metal mold, precision casting, smooth runner
Adopting high-precision CNC machining and first-class processing technology

Bearing

Standard 63** series bearings, oil lubricated. The oil checking window on the bearing housing directly shows the oil quantity, which is convenient for maintenance





END SUCTION PUMP



END SUCTION PUMP

XTA Series Closed Coupled Pump

- Hydrodynamics
CFD fluid software develops high-efficiency hydraulic models with wide efficiency areas to meet the operational efficiency and reliability requirements of design conditions and deviations from design conditions to the greatest extent.

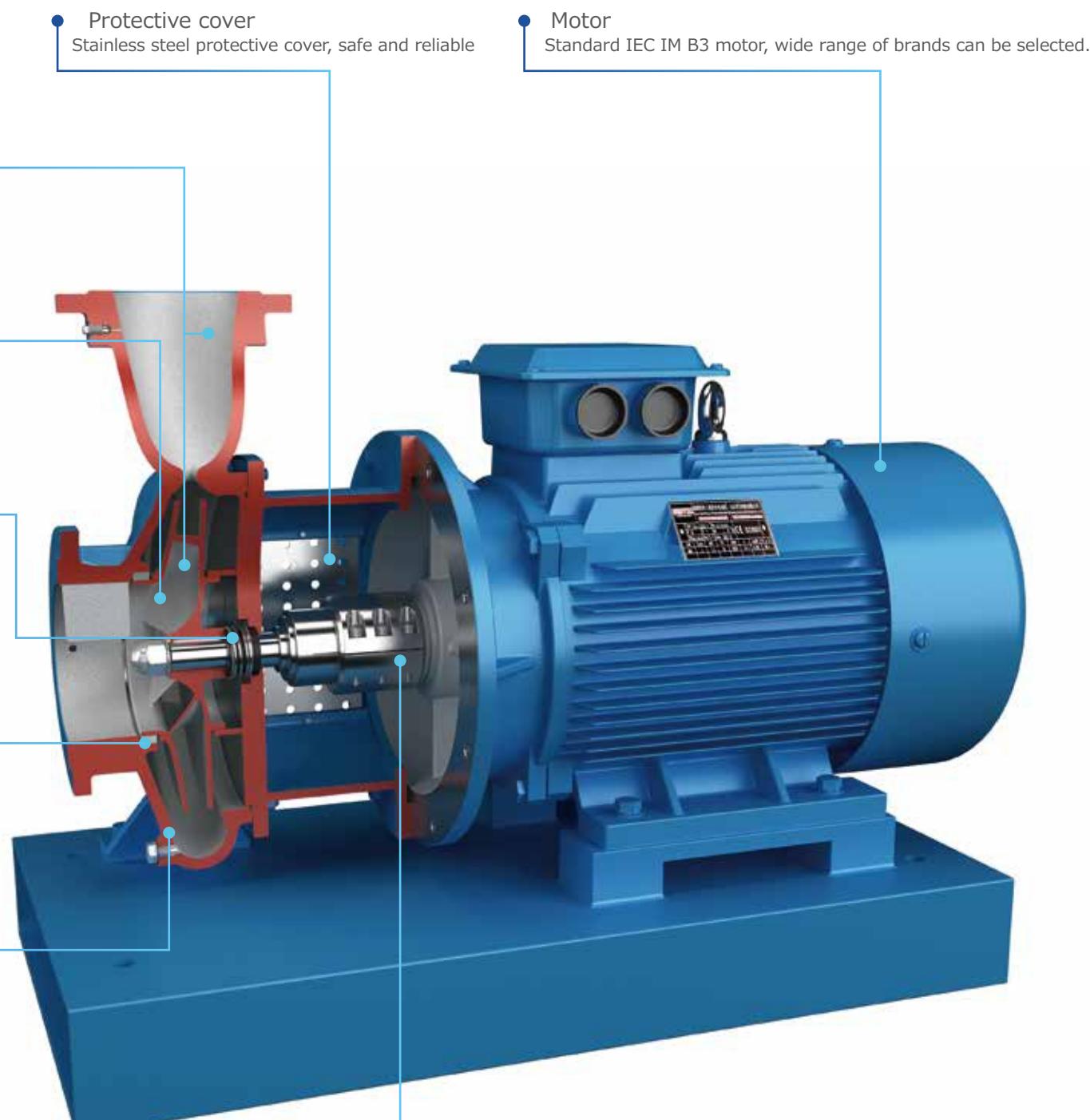
- Impeller
The impeller back blades or front and rear sealing ring structure effectively balances the axial force, with higher efficiency, suitable for medium containing micro-solid particles.

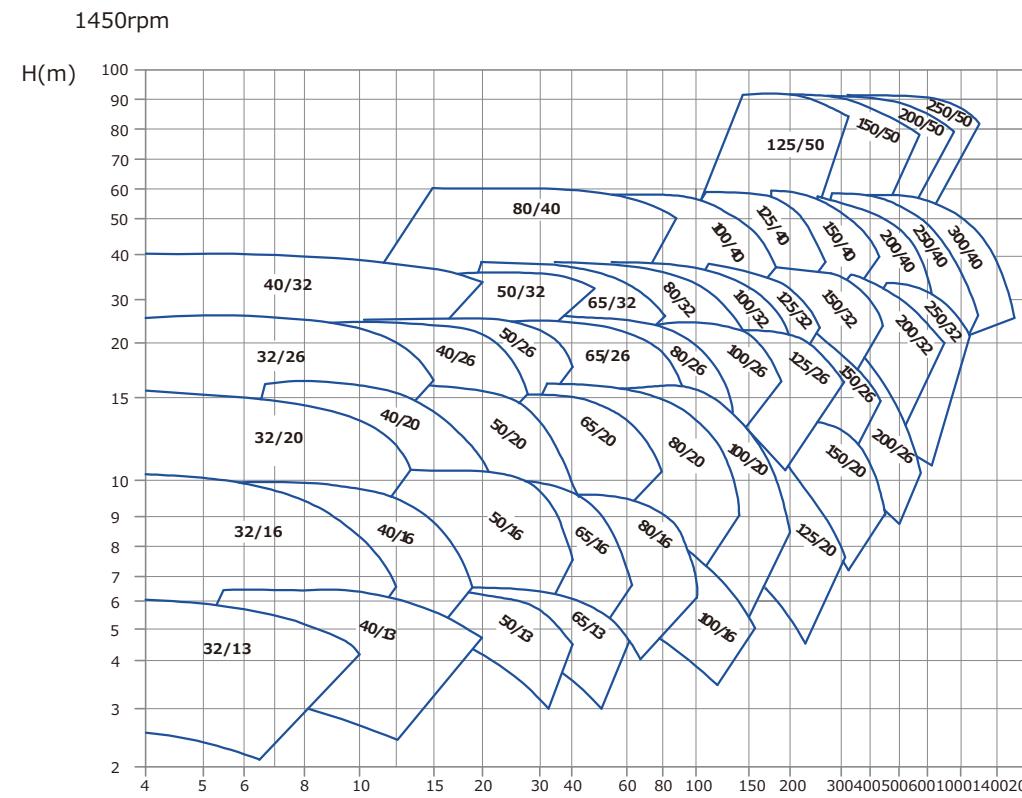
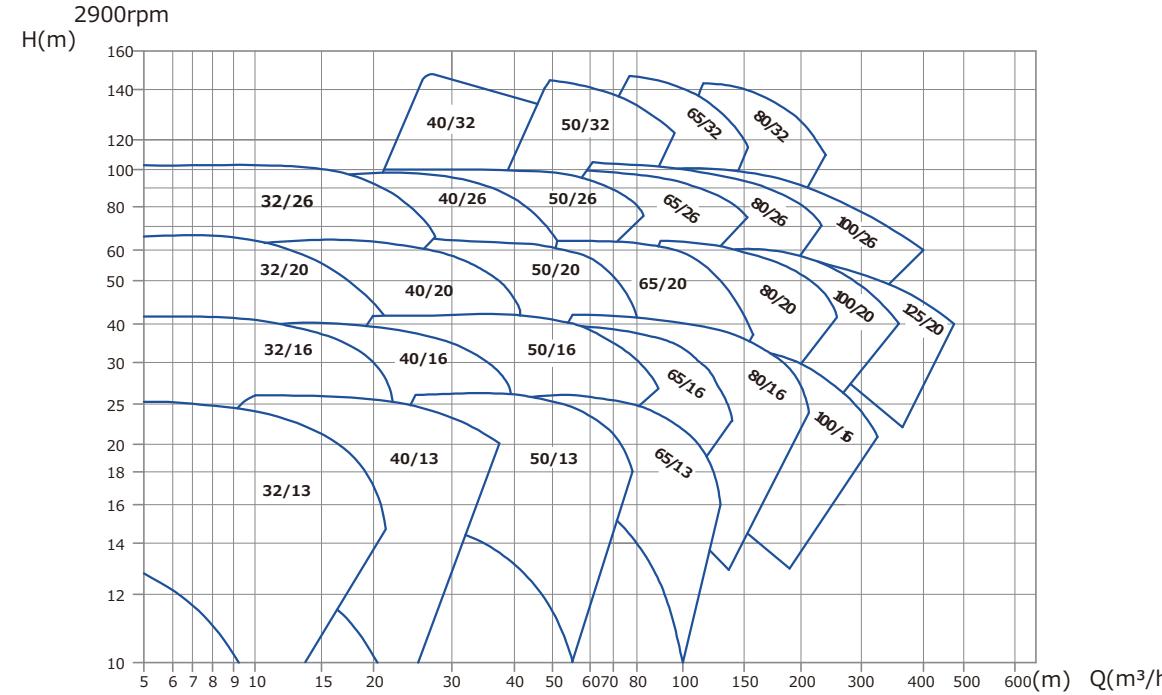
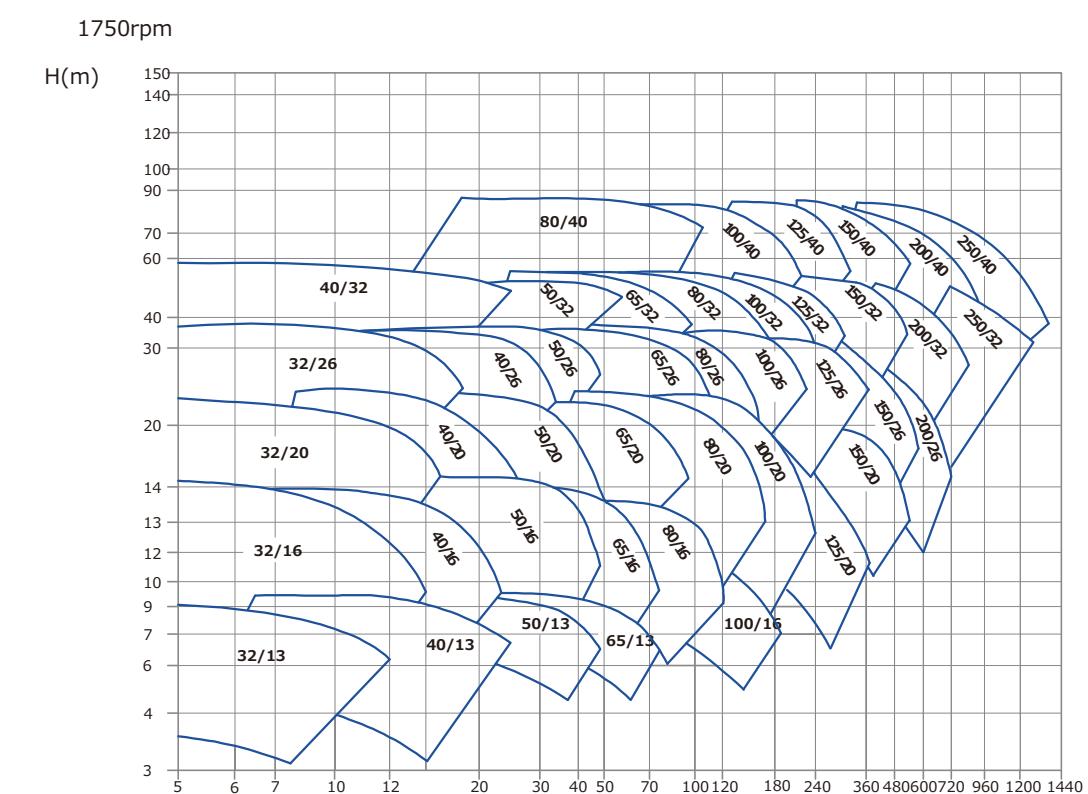
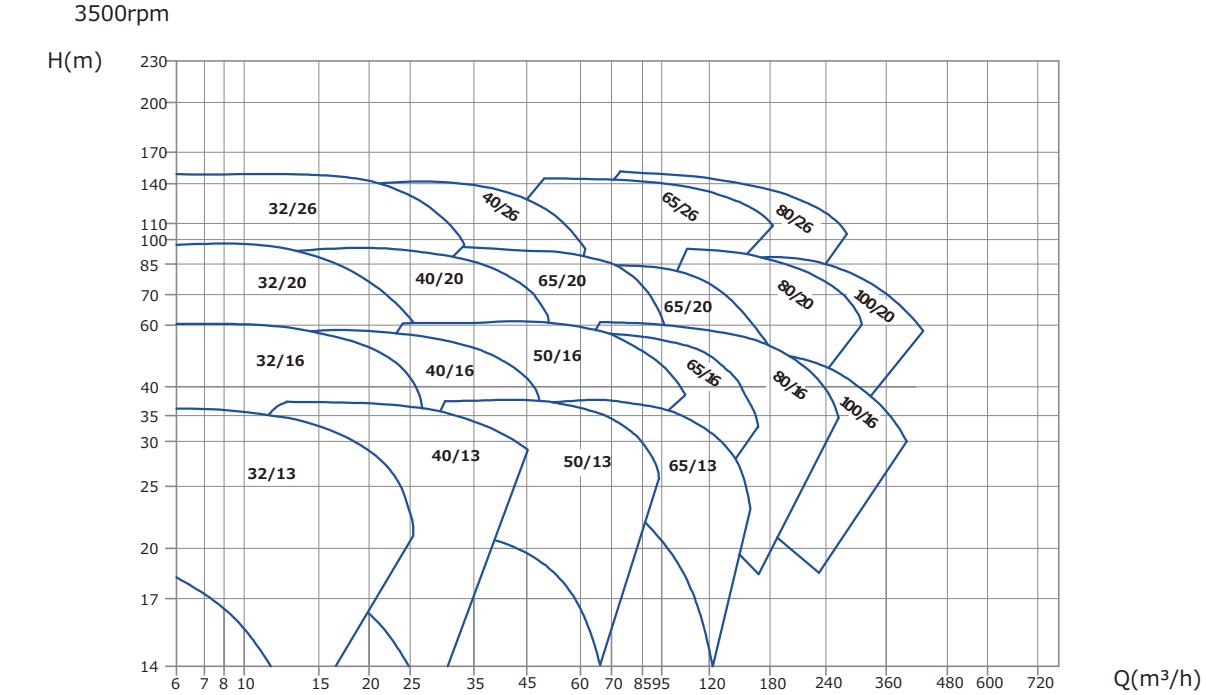
- Shaft seal
Elastomer bellows mechanical seal, the bellows surround pump shaft tightly, the length of bellows is longer , good compensation, wide using conditions, not limited by rotating directions.

- Casing wear ring
Extended structure reduces volume leakage and effectively protects the impeller and housing

- Volute casing
Spiral volute, axial suction, radial discharge, back pull out design, easy maintenance
Metal mold, precision casting, smooth runner
Adopting high-precision CNC machining and first-class processing technology

- Pump shaft
Independent pump shaft. No need to use coupling and the motor shaft is plugged into the pump shaft to ensure concentricity and shorten the axial length.

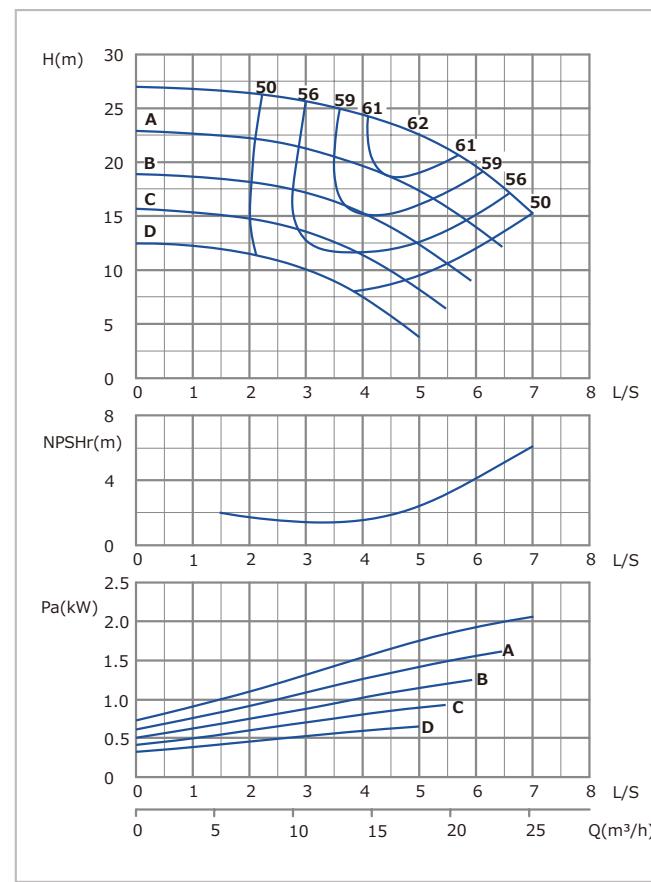


Selection Chart 50Hz XA/XAT Series

Selection Chart 60Hz XA/XAT Series




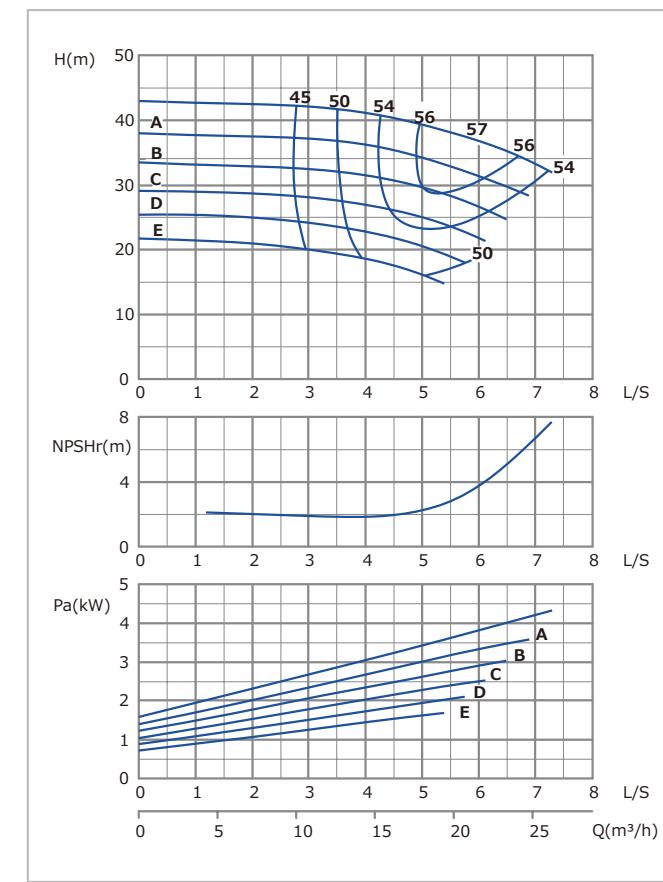
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XA(T) 32/13-2900r/min Performance curve



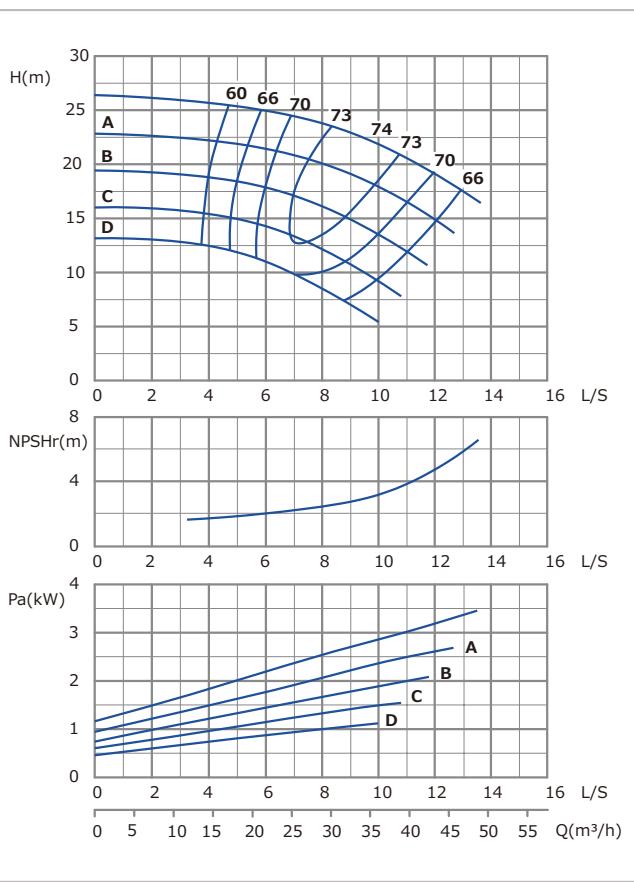
END SUCTION PUMP

XA(T) 32/16-2900r/min Performance curve



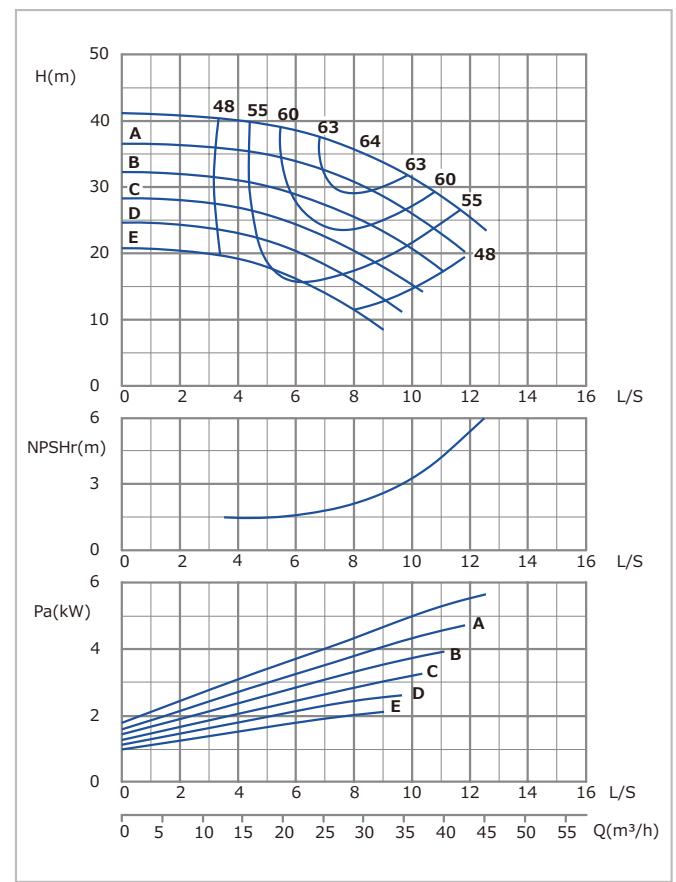
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XA(T) 40/13-2900r/min Performance curve

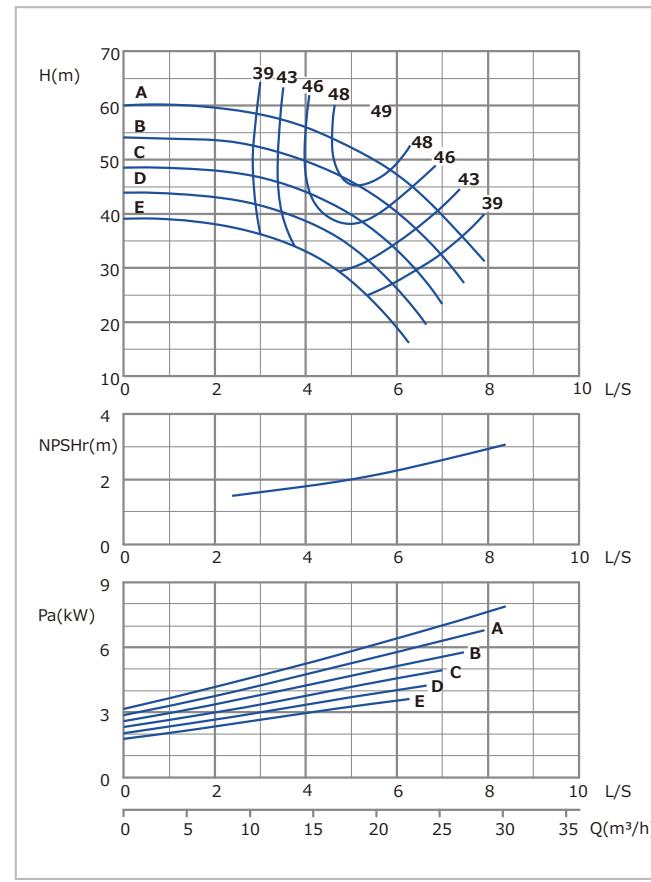


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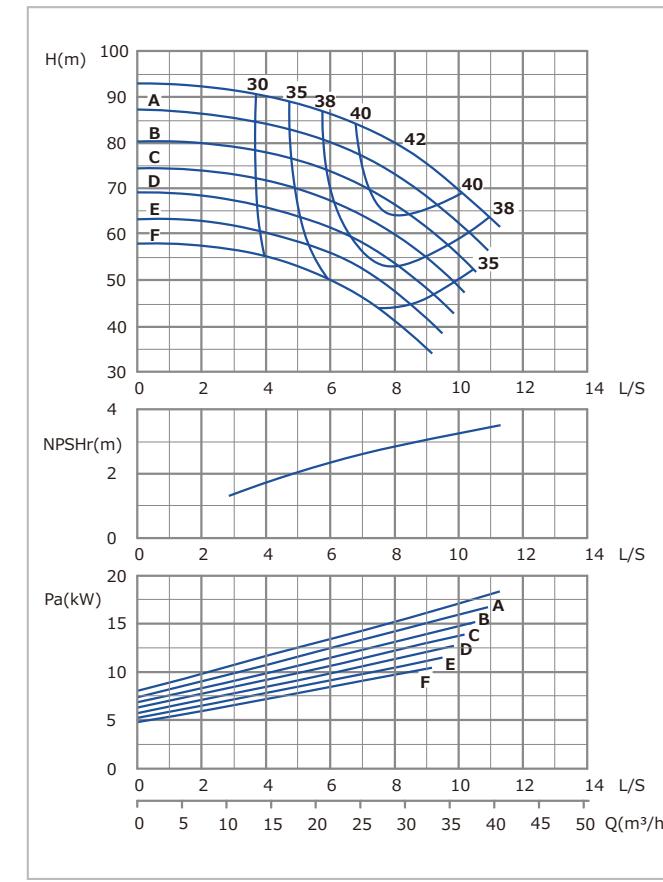
XA(T) 40/16-2900r/min Performance curve



XA(T) 32/20 -2900r/min Performance curve



XA(T) 32/26-2900r/min Performance curve



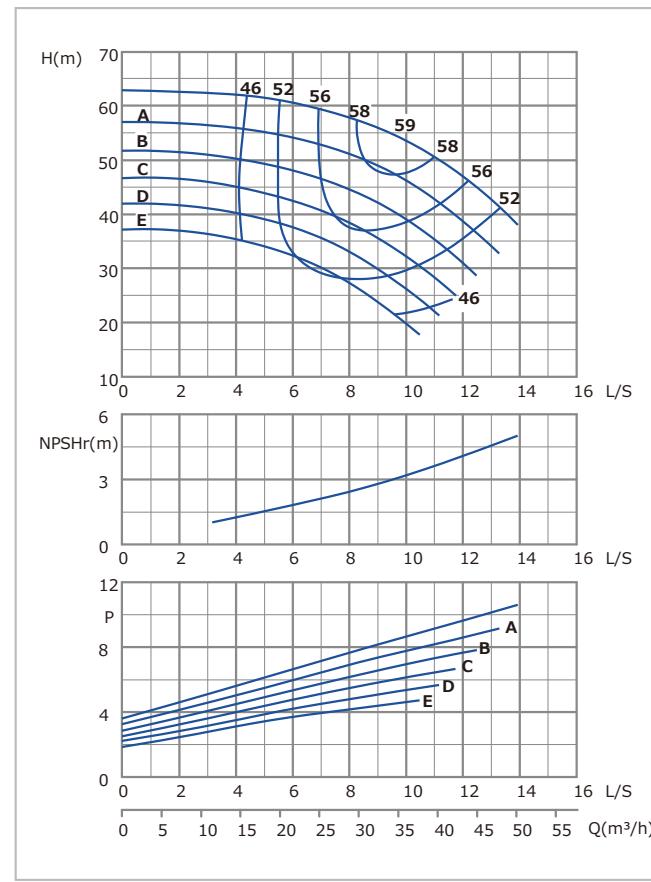
Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)32/13	9.0	2.5	26.0	2900	52.0	1.5	1.4
	15.0	4.2	24.0		61.0	2.2	1.7
	18.0	5.0	22.5		62.0	2.2	2.5
XA(T)32/13A	8.4	2.3	22.0	2900	51.5	1.5	1.4
	14.0	3.9	19.7		60.0	1.5	1.7
	16.8	4.7	18.0		60.5	2.2	2.5
XA(T)32/13B	7.8	2.2	18.0	2900	51.0	1.1	1.4
	13.0	3.6	16.2		58.5	1.1	1.7
	15.6	4.3	14.5		58.0	1.5	2.5
XA(T)32/13C	7.1	2.0	14.8	2900	50.0	1.1	1.4
	11.9	3.3	13.0		57.0	1.1	1.7
	14.3	4.0	11.4		55.5	1.1	2.5
XA(T)32/13D	6.5	1.8	11.7	2900	48.0	0.75	1.4
	10.8	3.0	10.1		52.0	0.75	1.7
	13.0	3.6	8.7		52.0	1.1	2.5
XA(T)32/16	10.8	3.0	42.0	2900	46.5	3	1.9
	18.0	5.0	39.0		56.0	4	2.2
	21.6	6.0	36.5		56.7	5.5	3.7
XA(T)32/16A	10.2	2.8	37.0	2900	45.5	3	1.9
	17.1	4.7	34.6		55.5	3	2.2
	20.5	5.7	32.1		56.3	4	3.7
XA(T)32/16B	9.6	2.7	32.3	2900	44.0	3	1.9
	16.0	4.5	30.5		54.5	3	2.2
	19.2	5.3	28.7		56.0	4	3.7
XA(T)32/16C	9.0	2.5	28.3	2900	43.0	2.2	1.9
	15.0	4.2	26.5		53.0	3	2.2
	18.0	5.0	25.0		54.5	3	3.7
XA(T)32/16D	8.4	2.3	24.6	2900	40.0	2.2	1.9
	14.0	3.9	22.7		51.0	2.2	2.2
	16.8	4.7	21.4		52.5	2.2	3.7
XA(T)32/16E	7.8	2.2	20.5	2900	39.0	1.1	1.9
	12.9	3.6	19.2		48.5	2.2	2.2
	15.5	4.3	18.0		51.0	2.2	3.7
XA(T)32/20	10.8	3.0	64.2	2900	39.0	5.5	1.7
	18.0	5.0	58.5		48.4	7.5	2.0
	21.6	6.0	54.1		48.3	11	2.3
XA(T)32/20A	10.3	2.9	58.3	2900	38.6	5.5	1.6
	17.2	4.8	53.0		48.2	7.5	2.0
	20.7	5.7	48.3		48.1	7.5	2.2
XA(T)32/20B	9.8	2.7	52.2	2900	38.6	5.5	1.6
	16.4	4.6	47.7		47.5	7.5	2.0
	19.7	5.5	43.2		47.0	7.5	2.2
XA(T)32/20C	9.3	2.6	47.2	2900	37.0	4	1.6
	15.6	4.3	42.5		46.5	5.5	2.0
	18.7	5.2	38.2		46.0	5.5	2.2
XA(T)32/20D	8.8	2.5	42.2	2900	36.0	4	1.6
	14.7	4.1	38.0		45.0	5.5	2.0
	17.7	4.9	34.2		44.2	5.5	2.2
XA(T)32/20E	8.3	2.3	37.5	2900	35.5	2.2	1.6
	13.9	3.9	33.8		43.0	4	2.0
	16.7	4.6	30.4		43.4	4	2.2

Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)32/26	16.2	4.5	89.3	2900	33.5	15	2.1
	27.0	7.5	75.0		41.5	19	2.6
	32.4	9.0	75.3		40.8	18.5	3.1
XA(T)32/26A	15.6	4.3	83.6	2900	33.0	15	2.1
	26.1	7.2	76.0		40.3	15	2.6
	31.3	8.7	70.5		40.5	18.5	3.1
XA(T)32/26B	15.0	4.2	77.5	2900	31.0	15	2.1
	25.1	7.0	70.2		39.5	15	2.6
	30.1	8.4	65.0		40.2	15	3.1
XA(T)32/26C	14.4	4.0	72.0	2900	31.0	15	2.1
	24.0	6.7	65.0		39.0	15	2.6
	28.8	8.0	59.8		40.0	15	3.1
XA(T)32/26D	13.8	3.8	66.0	2900	30.5	11	2.1
	23.0	6.4	59.6		37.5	15	2.6
	27.6	7.7	54.8		38.0	15	3.1
XA(T)32/26E	13.2	3.7	60.8	2900	30.0	11	2.1
	22.0	6.1	55.0		36.2	11	2.6
	26.4	7.3	51.0		37.0	11	3.1
XA(T)32/26F	12.6	3.5	58.0	2900	28.5	11	2.1
	21.0	5.8	50.8		34.5	11	2.6
	25.2	7.0	46.2		35.0	11	3.1
XA(T)40/13	18.0	5.0	25.3	2900	61.0	2.2	1.8
	30.0	8.3	23.5		73.0	3	2.0
	36.0	10.0	21.8		73.5	4	3.0
XA(T)40/13A	16.8	4.7	22.0	2900	62.0	2.2	1.8
	28.0	7.8	20.2		73.2	3	2.0
	33.7	9.3	18.5		73.2	3	3.0
XA(T)40/13B	15.5	4.3	18.5	2900	61.0	1.5	1.8
	25.9	7.2	17.0		73.0	2.2	2.0
	31.1	8.6	15.3		73.0	2.2	3.0
XA(T)40/13C	14.2	4.0	15.5	2900	60.0	1.5	1.8
	23.7	6.6	13.7		72.0	2.0	2.0
	28.5	7.9	12.2				



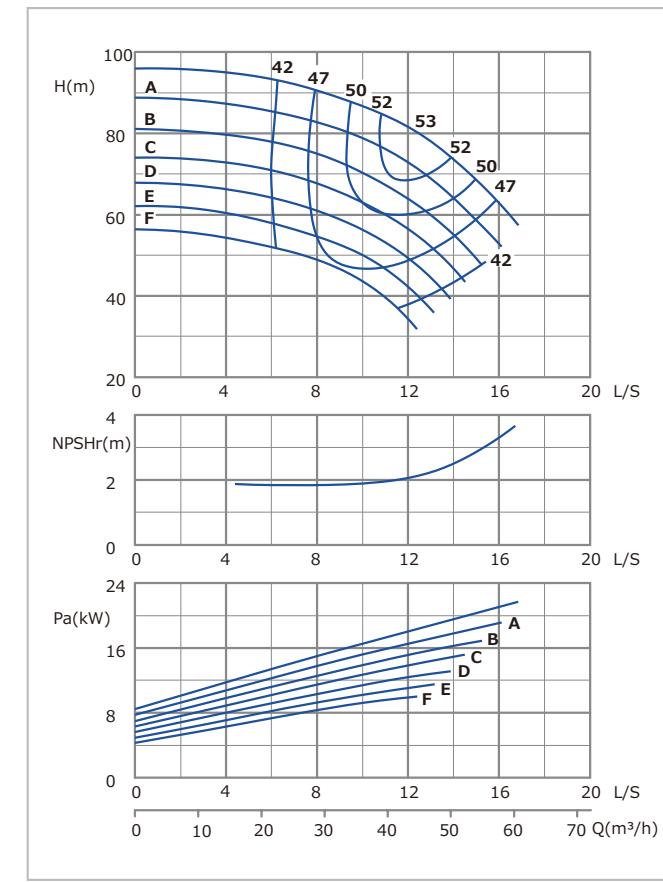
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XA(T) 40/20-2900r/min Performance curve



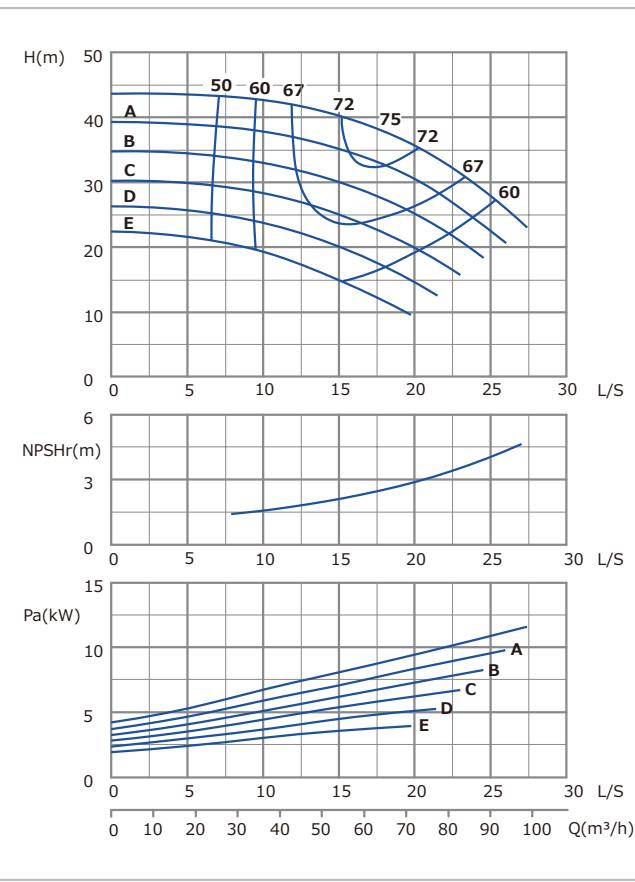
END SUCTION PUMP

XA(T) 40/26-2900r/min Performance curve



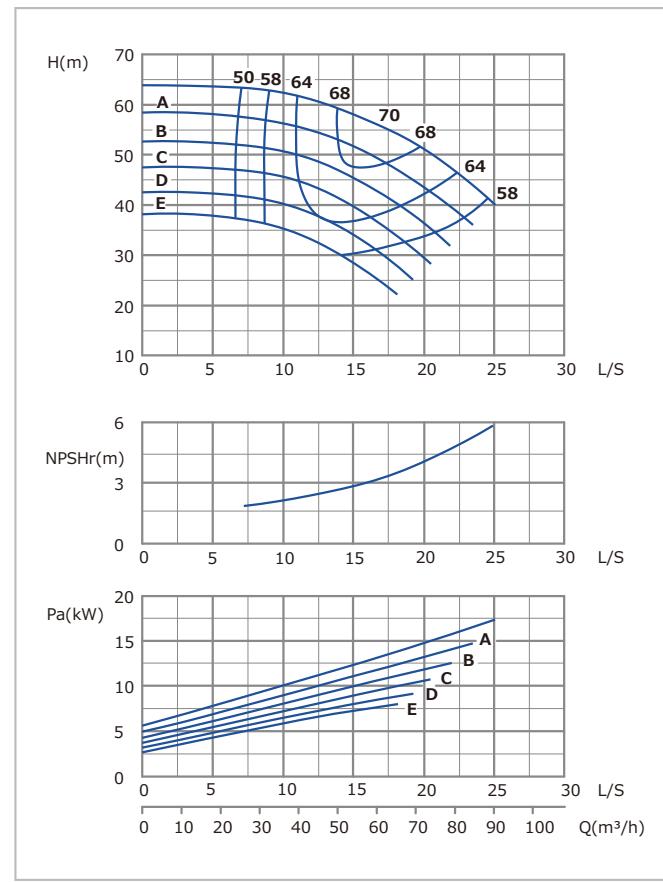
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XA(T) 50/16-2900r/min Performance curve

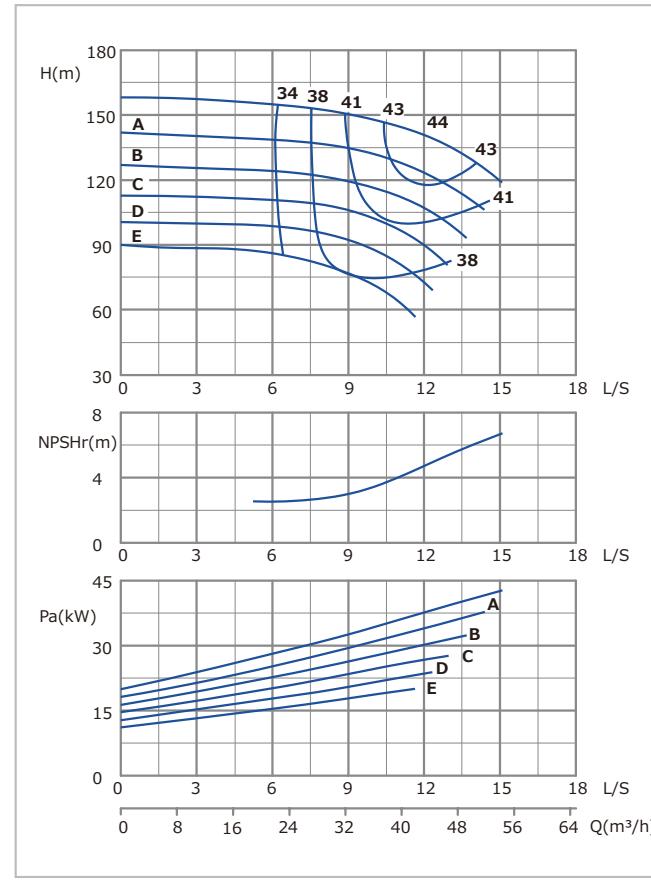


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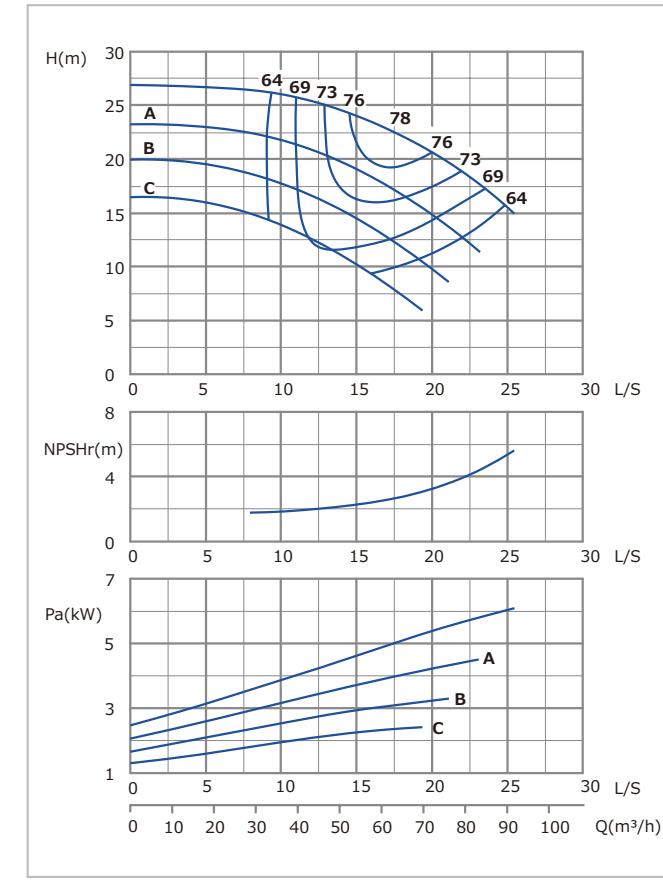
XA(T) 50/20-2900r/min Performance curve



XA(T) 40/32-2900r/min Performance curve



XA(T) 50/13-2900r/min Performance curve a(kW)



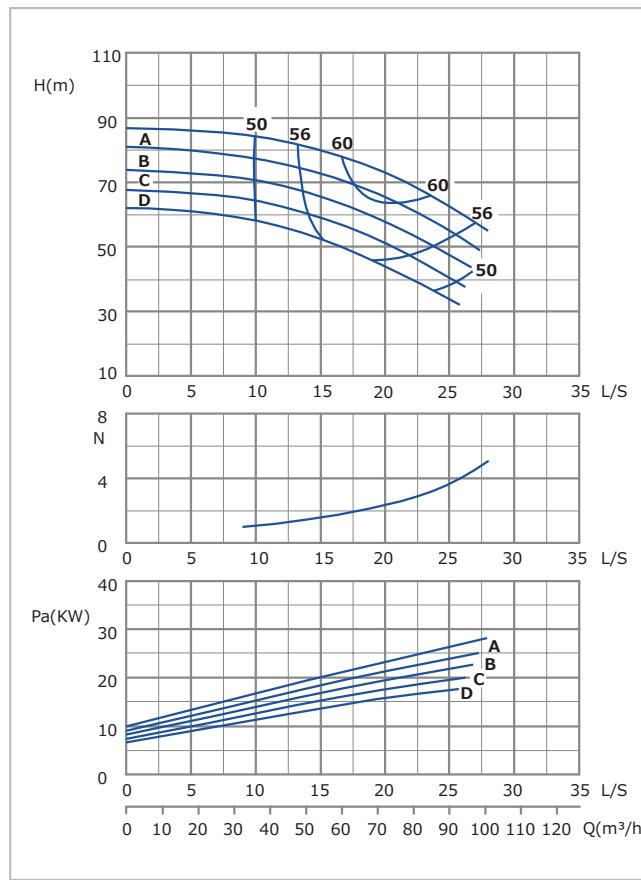
Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)40/20	18.0	5.0	61.5	2900	48.0	7.5	1.8
	30.0	8.3	56.5		58.0	11	2.0
	36.0	10.0	53.0		58.5	11	2.7
XA(T)40/20A	17.2	4.8	55.4	2900	48.0	7.5	1.8
	28.7	8.0	51.0		57.5	11	2.0
	34.5	9.6	47.3		58.0	11	2.7
XA(T)40/20B	27.3	7.6	47.5	2900	56.5	7.5	2.0
	32.8	9.1	42.0		57.0	11	2.7
XA(T)40/20C	15.6	4.3	44.6	2900	46.0	7.5	1.8
	25.9	7.2	40.5		55.5	7.5	2.0
	31.1	8.6	36.5		55.0	7.5	2.7
XA(T)40/20D	14.7	4.1	39.9	2900	45.0	5.5	1.8
	24.5	6.8	36.0		54.0	7.5	2.0
	29.4	8.2	32.2		53.5	7.5	2.7
XA(T)40/20E	13.9	3.9	35.4	2900	44.5	5.5	1.8
	23.1	6.4	31.5		52.0	5.5	2.0
	27.7	7.7	28.2		51.5	5.5	2.7
XA(T)40/26	21.6	6.0	93.0	2900	40.0	15	1.8
	36.0	10.0	86.5		51.0	18.5	2.0
	43.2	12.0	81.5		53.0	22	2.5
XA(T)40/26A	20.9	5.8	86.0	2900	40.0	15	1.8
	34.8	9.7	80.0		50.3	18.5	2.0
	41.7	11.6	74.5		52.3	18.5	2.5
XA(T)40/26B	20.0	5.6	78.3	2900	39.0	15	1.8
	33.4	9.3	72.0		50.0	15	2.0
	40.1	11.1	66.0		51.0	18.5	2.5
XA(T)40/26C	19.2	5.3	71.0	2900	38.0	15	1.8
	32.0	8.9	66.2		48.5	15	2.0
	38.5	10.7	60.7		50.0	15	2.5
XA(T)40/26D	18.4	5.1	65.1	2900	38.0	11	1.8
	30.7	8.5	60.2		48.0	15	2.0
	36.8	10.2	55.7		48.5	15	2.5
XA(T)40/26E	17.6	4.9	59.4	2900	37.5	11	1.8
	29.3	8.1	54.3		47.0	11	2.0
	35.2	9.8	50.8		47.5	15	2.5
XA(T)40/26F	16.8	4.7	54.0	2900	37.5	11	1.8
	28.0	7.8	49.5		46.0	11	2.0
	33.5	9.3	45.5		46.5	11	2.5
XA(T)40/32	21.6	6.0	155.0	2900	33.5	30	2.7
	36.0	10.0	148.0		42.5	37	3.2
	43.2	12.0	140.0		44.0	45	4.8
XA(T)40/32A	20.7	5.7	139.0	2900	32.0	30	2.7
	34.5	9.6	133.0		41.5	37	3.2
	41.4	11.5	126.0		43.2	37	4.8
XA(T)40/32B	19.7	5.5	124.5	2900	31.0	30	2.7
	32.8	9.1	118.0		40.5	30	3.2
XA(T)40/32C	18.7	5.2	111.0	2900	30.0	22	2.7
	31.2	8.7	107.0		39.5	30	3.2
	37.4	10.4	100.0		40.0	30	4.8
XA(T)40/32D	17.7	4.9	99.0	2900	28.0	22	2.7
	29.5	8.2	95.0		39.0	30	3.2
	35.5	9.8	88.0		39.0	30	4.8
XA(T)40/32E	16.7	4.7	88.0	2900	27.5	18.5	2.7
	27.9	7.8	81.5		36.5	22	3.2
	33.5	9.3	75.0		38.0	22	4.8

Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					

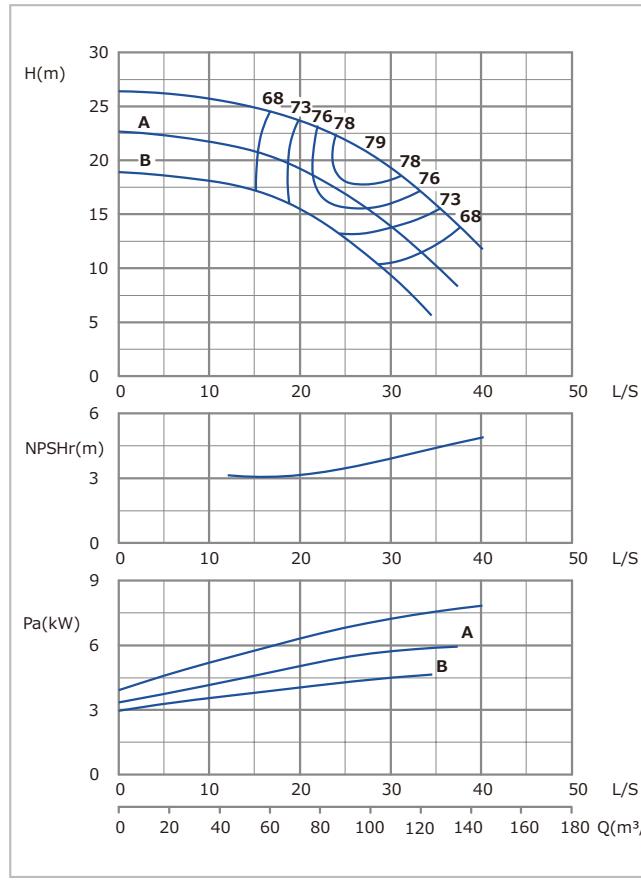


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XA(T) 50/26-2900r/min Performance curve

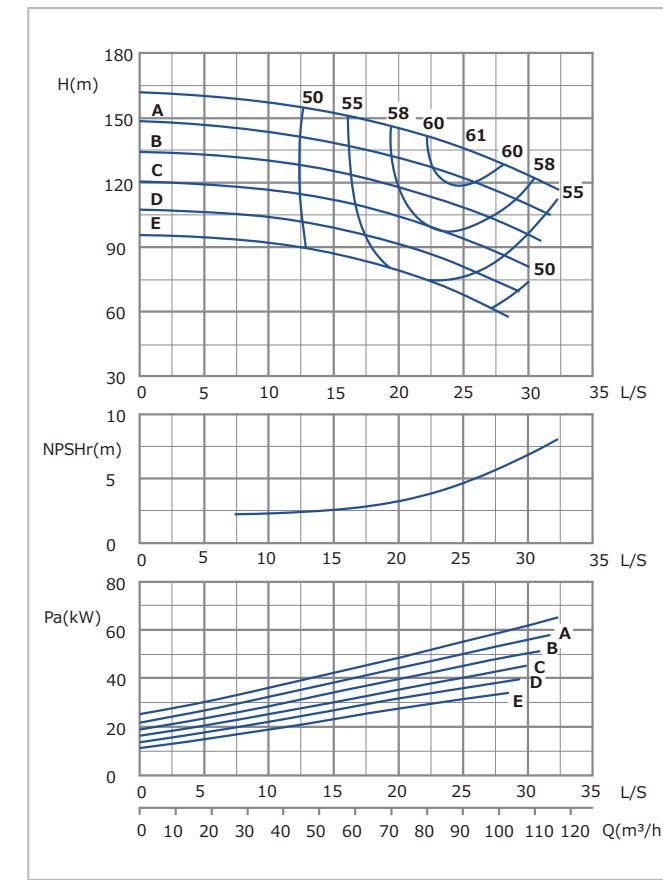


XA(T) 65/13-2900r/min Performance curve

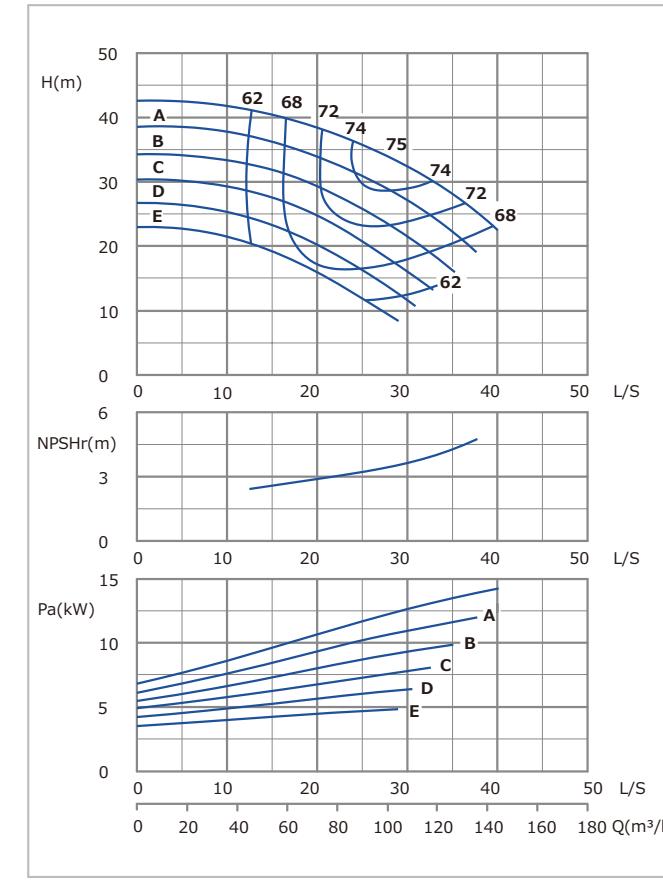


END SUCTION PUMP

XA(T) 50/32-2900r/min Performance curve

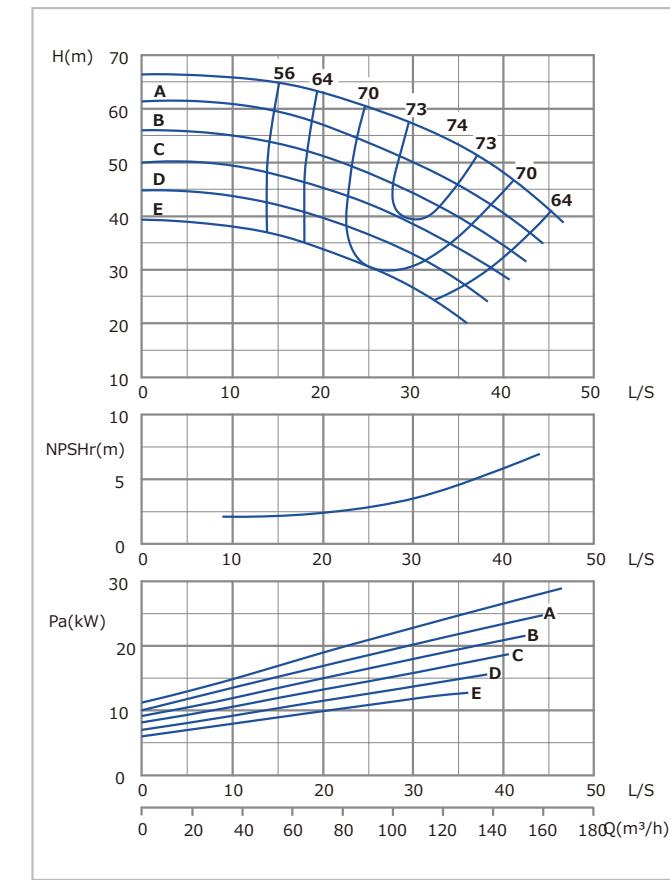


XA(T) 65/16-2900r/min Performance curve



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XA(T) 65/20-2900r/min Performance curve



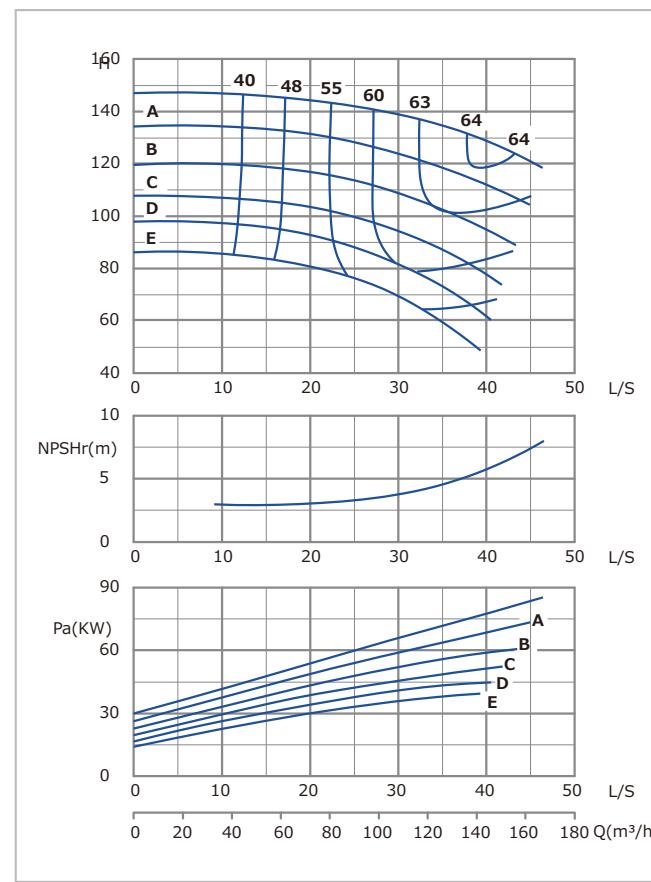
XA(T) 65/26-2900r/min Performance curve





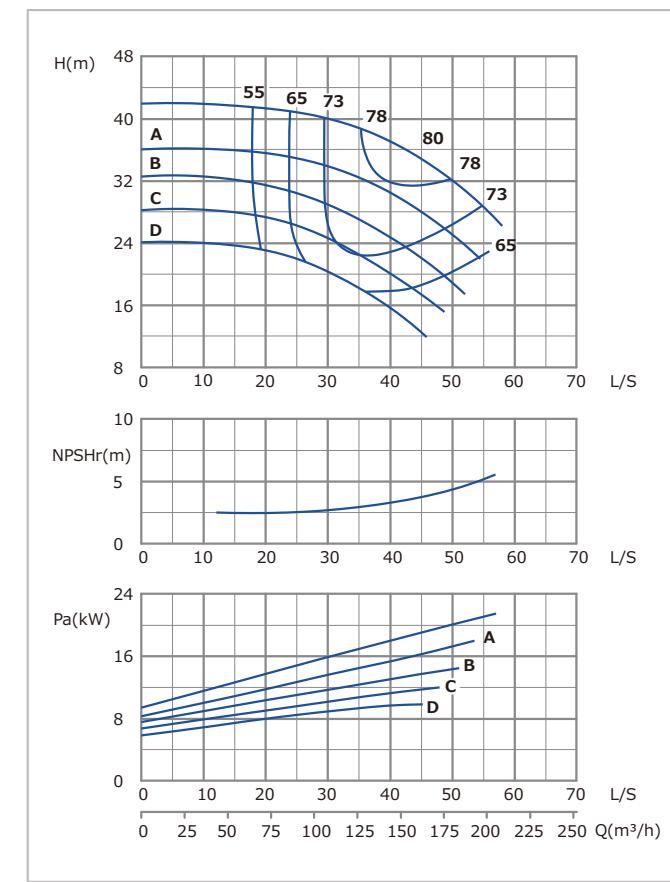
— YOUTH AQUA —

XA(T) 65/32-2900r/min Performance curve



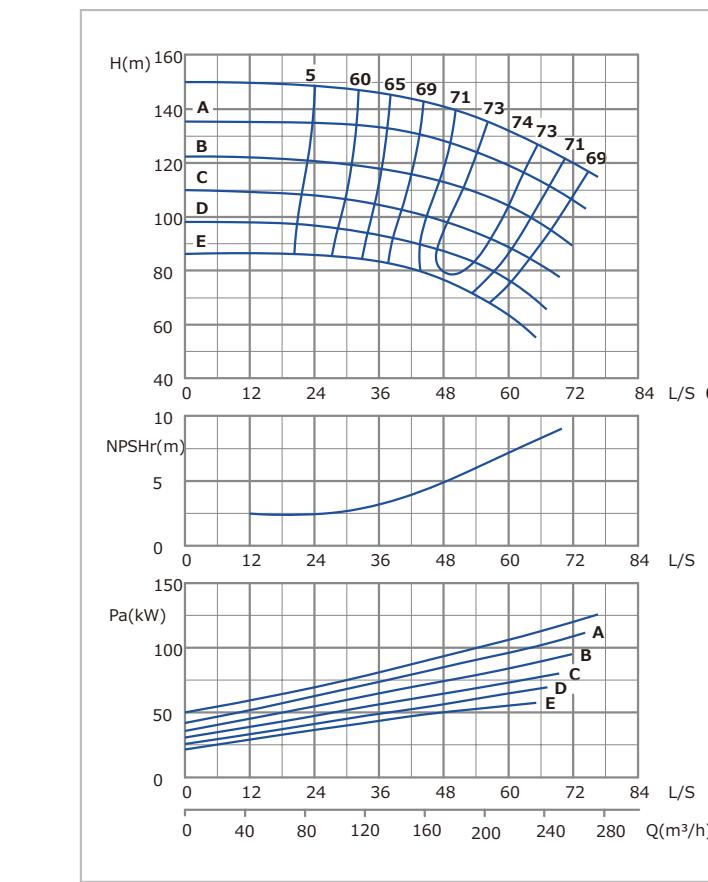
END SUCTION PUMP

XA(T) 80/16-2900r/min Performance curve



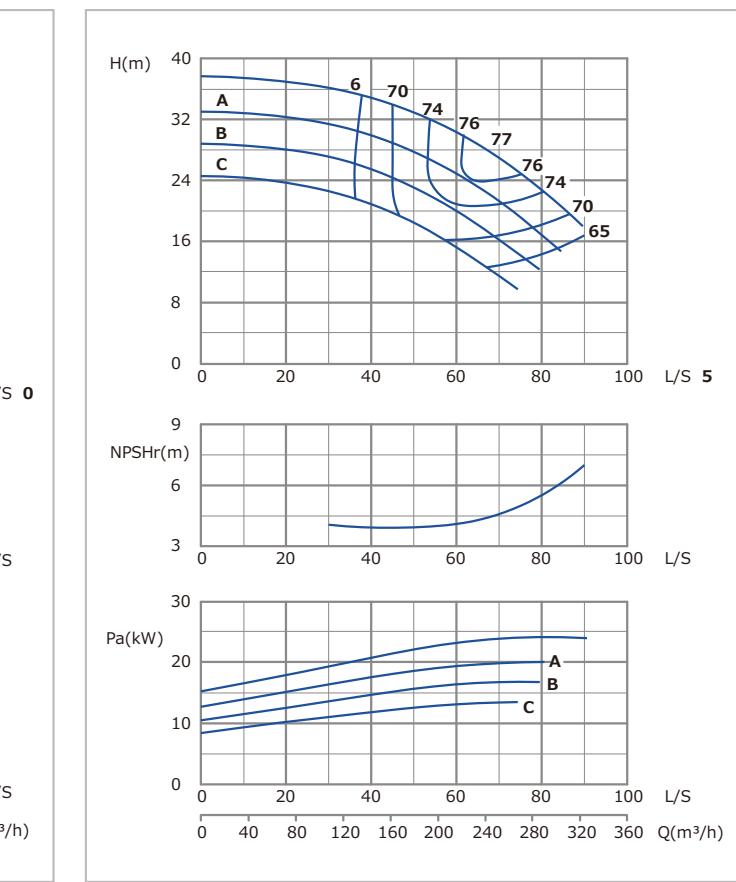
— YOUTH AQUA —

XA(T) 80/32-2900r/min Performance curve

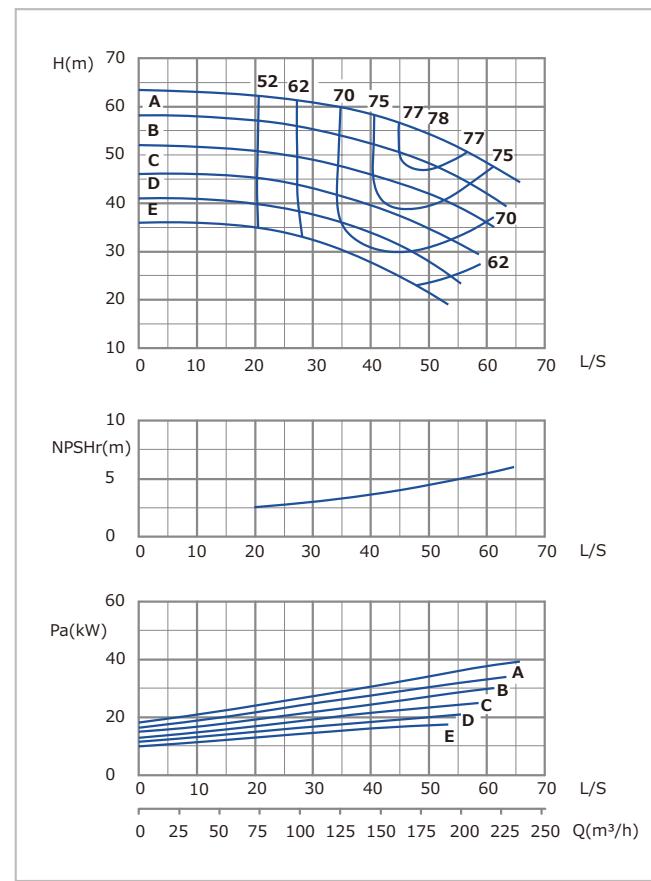


END SUCTION PUMP

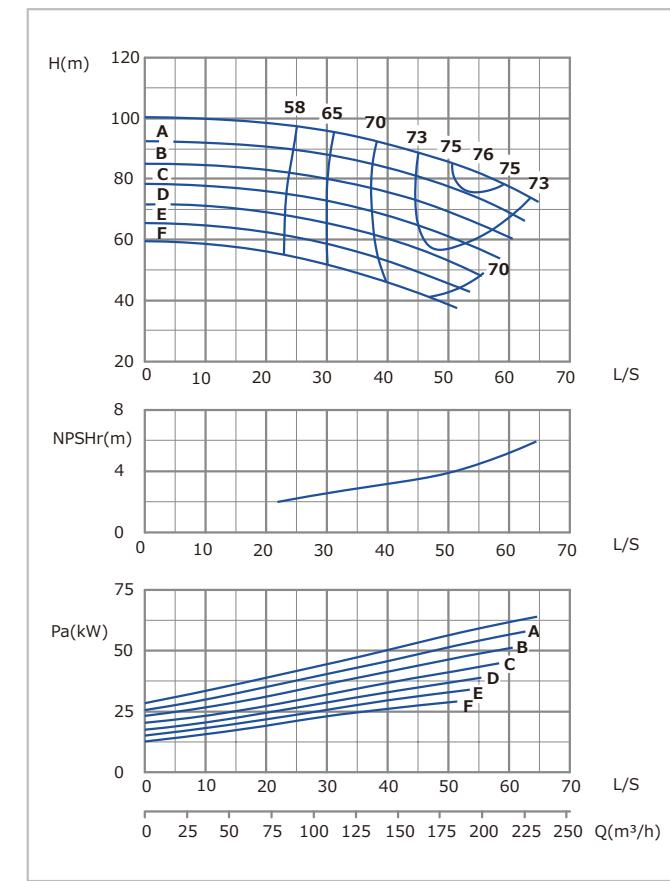
XA(T) 100/16-2900r/min Performance curve



XA(T) 80/20-2900r/min Performance curve



XA(T) 80/26-2900r/min Performance curve (m)



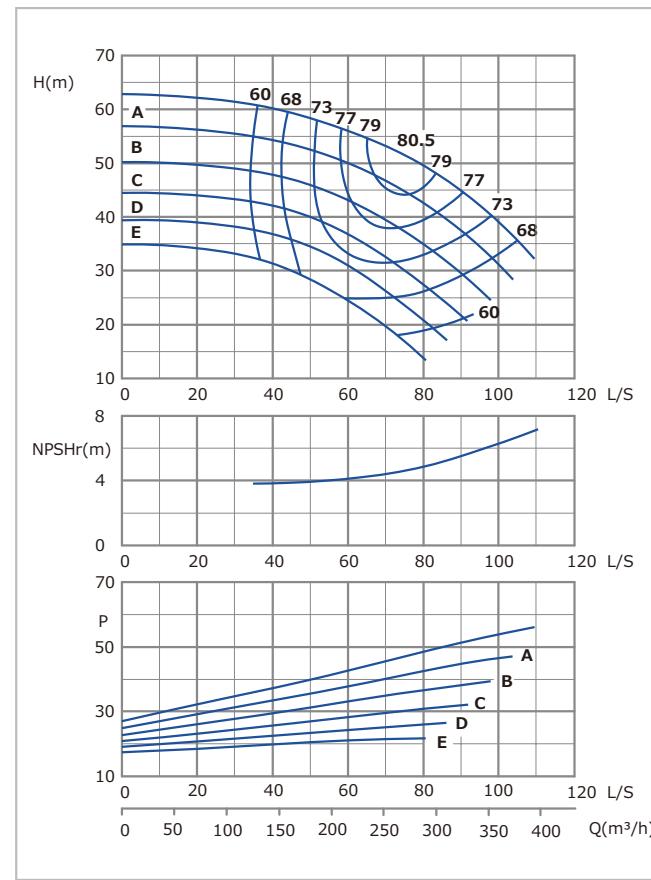
Model	Capacity m³/h	Capacity L/S	Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
XA(T)65/32	78.0	21.7	143.5	2900	54.0	75	3.1
	130.0	36.1	133.5		63.7	90	4.8
	156.0	43.3	124.0		64.0	90	6.8
XA(T)65/32A	124.4	34.6	119.0	2900	63.3	75	4.8
	149.3	41.5	110.0		63.3	90	6.8
XA(T)65/32B	118.5	32.9	105.0	2900	62.5	75	4.8
	142.2	39.5	95.3		62.0	75	6.8
XA(T)65/32C	112.6	31.3	92.0	2900	61.0	55	4.8
	135.1	37.5	82.6		60.0	75	6.8
XA(T)65/32D	106.7	29.6	82.0	2900	60.0	55	4.8
	128.0	35.6	71.7		57.5	55	6.8
XA(T)65/32E	100.7	28.0	72.3	2900	55.5	37	4.8
	120.9	33.6	62.2		54.5	45	6.8
XA(T)80/16	97.2	27.0	40.3	2900	70.0	18.5	2.7
	162.0	45.0	34.7		80.0	22	3.8
	194.4	54.0	29.3		74.0	30	5.0
XA(T)80/16A	92.2	25.6	34.8	2900	67.5	18.5	2.7
	153.6	42.7	29.1		76.0	18.5	3.8
XA(T)80/16B	86.6	24.1	30.7	2900	63.0	15	2.7
	144.3	40.1	24.7		74.0	15	3.8
XA(T)80/16C	81.0	22.5	26.9	2900	62.0	11	2.7
	135.0	37.5	21.6		72.0	15	3.8
XA(T)80/16D	75.4	20.9	22.8	2900	58.0	11	2.7
	125.7	34.9	18.2		66.0	11	3.8
XA(T)80/20	114.0	31.7	60.5	2900	67.0	37	3.1
	190.0	52.8	52.7		77.8	45	4.8
	228.0	63.3	46.0		73.5	45	5.8
XA(T)80/20A	109.2	30.3	55.1	2900	65.0	30	4.0
	182.0	50.6	47.9		77.1	37	4.9
XA(T)80/20B	103.9	28.9	49.6	2900	62.0	30	4.0
	173.1	48.1	43.6		76.0	30	4.7
XA(T)80/20C	207.8	57.7	37.6	2900	72.0	37	5.5
	98.6	27.4	43.8		62.0	30	4.0
XA(T)80/20D	164.3	45.6	37.2	2900	74.0	30	4.7
	197.1	54.8	31.8		69.0	30	5.5
XA(T)80/20E	93.2	25.9	39.2	2900	66.0	18.5	4.0
	155.4	43.2	33.3		76.0	22	4.7
XA(T)80/20F	186.5	51.8	28.5	2900	75.0	30	5.5
	87.9	24.4	34.8		65.5	15	4.0
XA(T)80/20G	146.5	40.7	29.6	2900	75.5	18.5	4.7
	175.8	48.8	25.3		74.5	22	6

Model	Capacity m³/h	Capacity L/S	Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
XA(T)80/26	114.0	31.7	95.0	2900	65.5	75	3
	190.0	52.8	83.5		75.0	75	4
	228.0	63.3	74.0		72.0	75	6
XA(T)80/26A	110.1	30.6	87.5	2900	65.0	55	4
	183.5	51.0	76.5		74.5	75	5
XA(T)80/26B	105.8	29.4	80.1	2900	64.0	45	4
	176.3	49.0	70.0		74.0	55	5
XA(T)80/26C	211.6	58.8	62.0	2900	71.3	55	6
	101.5	28.2	73.3		63.0	45	4
XA(T)80/26D	169.1	47.0	63.0	2900	73.1	55	5.0
	203.0	56.4	55.1		71.0	55	6.0
XA(T)80/26E	97.2	27.0	66.5	2900	62.0	37	3.9
	161.9	45.0	57.0		72.3	45	5.0
XA(T)80/26F	194.3	49.0	49.6	2900	70.5	45	6.0
	154.7	43.0	50.3		70.5	37	5.0
XA80/32	92.8	25.8	60.1	2900	61.0	30	3.9
	185.7	51.6	44.5		70.0	37	6.0
XA80/32B	88.5	24.6	54.0	2900	59.5	30	3.9
	147.5	41.0	45.1		70.0	37	6.0
XA80/32C	177.1	49.2	39.8	2900	69.5	37	6.0
	125.9	35.0	146.0		62.5	90	3.0
XA80/32D	209.9	58.3	133.5	2900	73.5	132	6.8
	251.9	70.0	122.0		71.0	13	



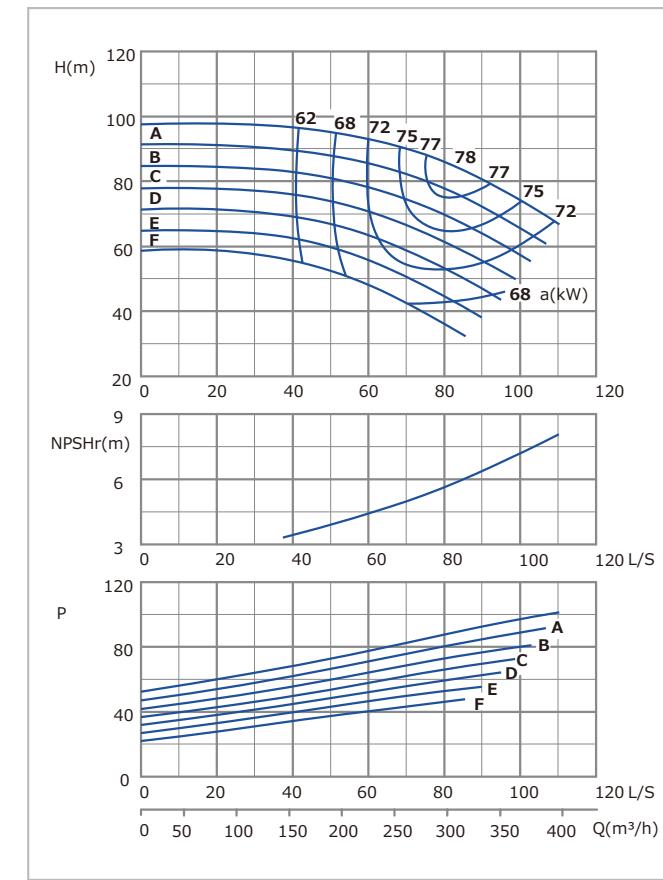
— YOUTH AQUA —

XA(T) 100/20-2900r/min Performance curve

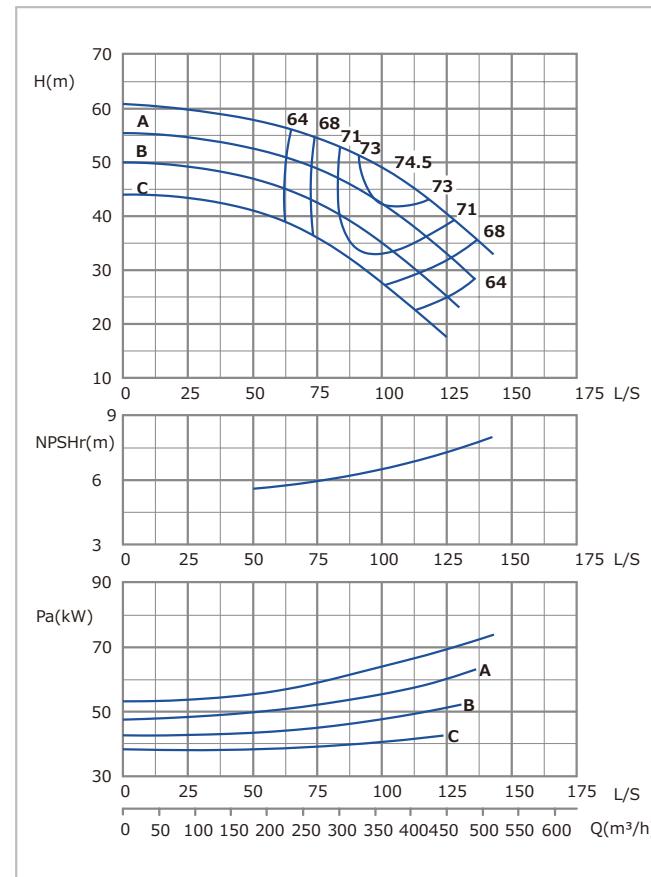


END SUCTION PUMP

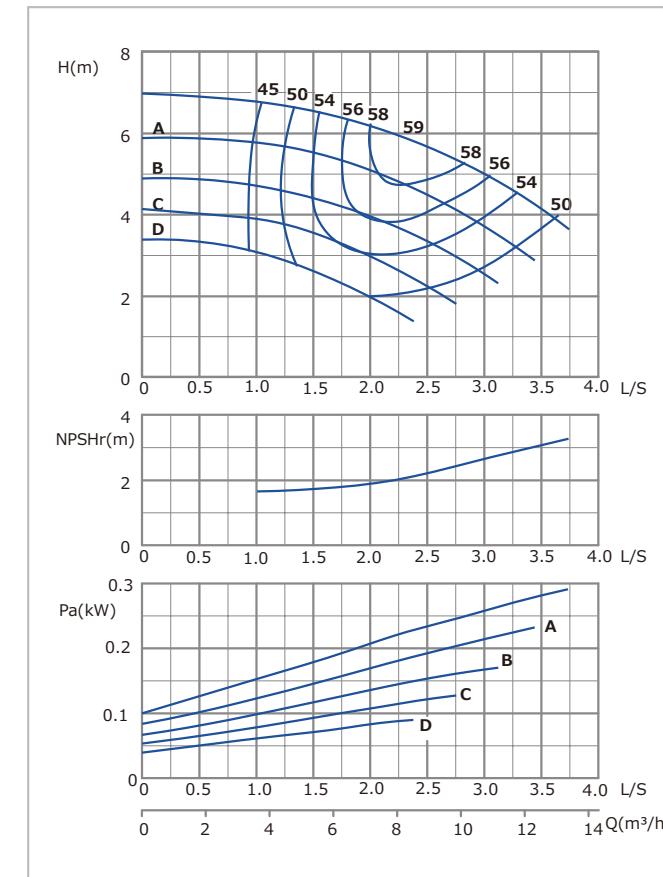
XA(T) 100/26-2900r/min Performance curve



XA(T) 125/20-2900r/min Performance curve

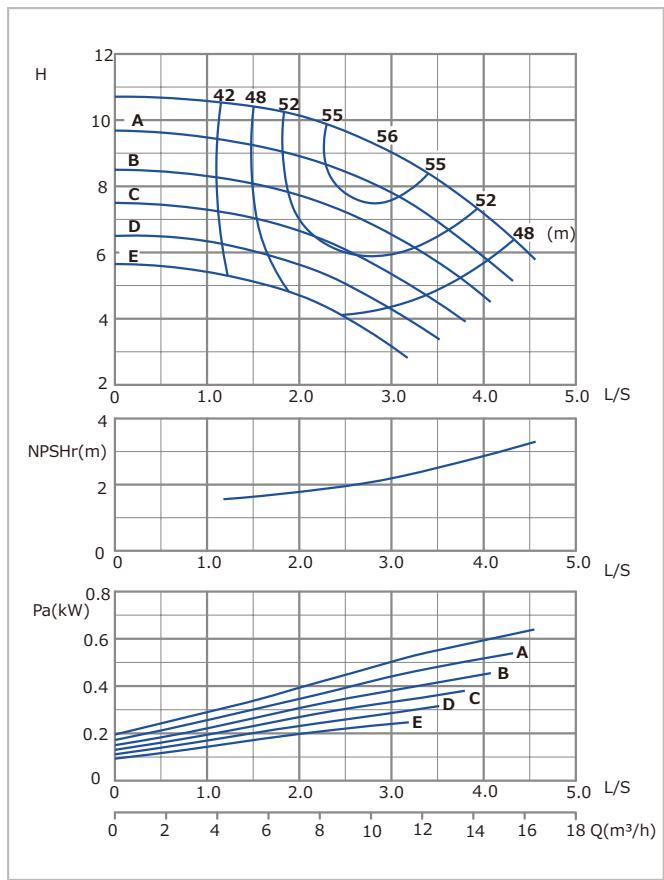


XA(T) 32/13-1450r/min Performance curve a(kW)



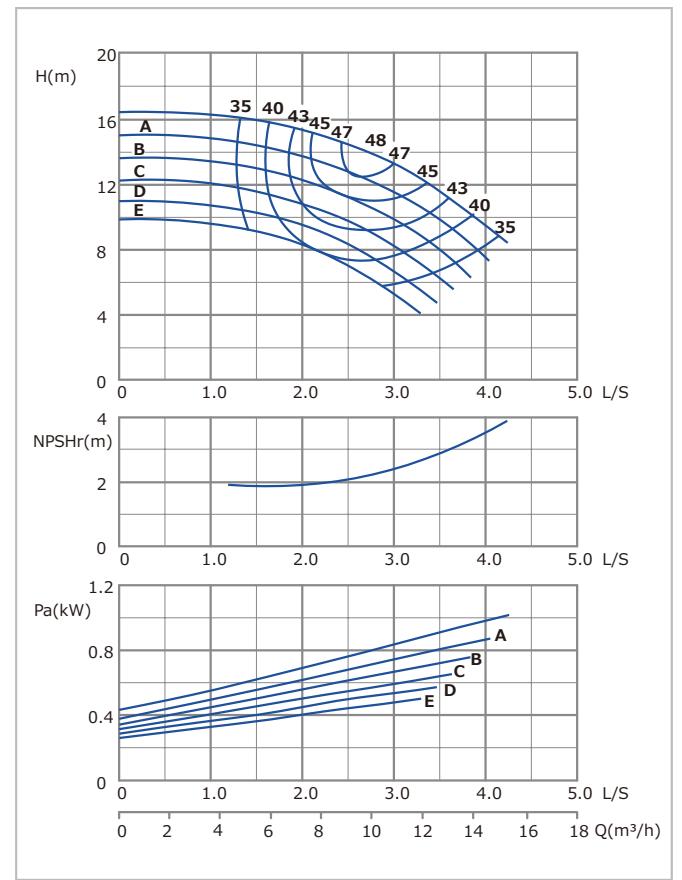
— YOUTH AQUA —

XA(T) 32/16-1450r/min Performance curve



END SUCTION PUMP

XA(T) 32/20-1450r/min Performance curve



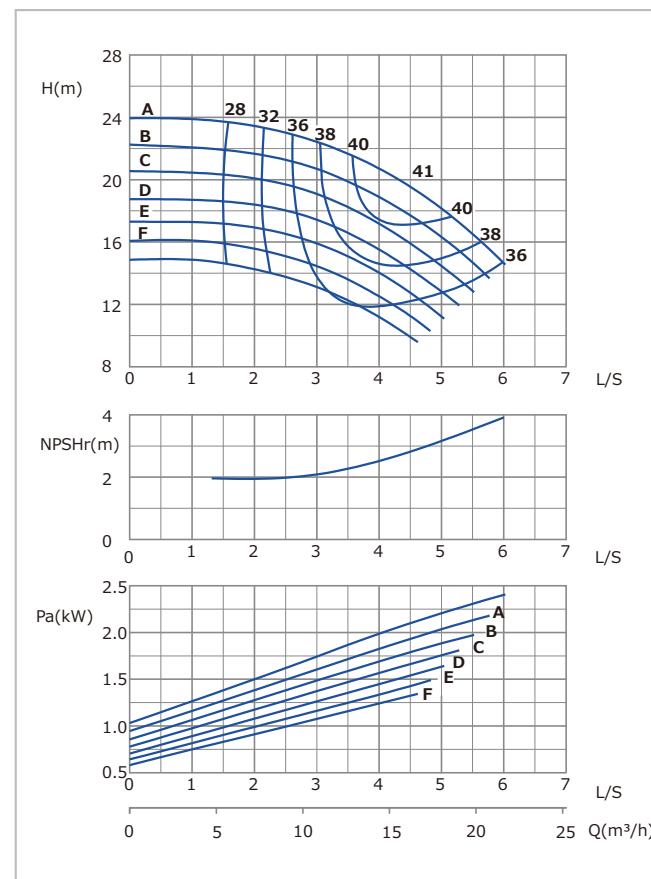
Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)100/20	171.0	47.5	58.7	2900	70.0	45	3.9
	285.0	79.2	50.1		80.0	55	5.8
	342.0	95.0	42.0		74.5	75	6.9
XA(T)100/20A	163.8	45.5	53.2	2900	69.0	45	3.9
	273.0	75.8	44.3		79.0	55	5.8
	327.6	91.0	37.0		73.5	55	6.9
XA(T)100/20B	155.8	43.3	47.0	2900	68.0	37	3.9
	259.7	72.1	38.7		77.0	45	5.8
	311.6	86.6	31.5		70.5	45	6.9
XA(T)100/20C	246.4	68.4	33.0	2900	66.0	30	3.9
	295.7	82.1	26.3		67.5	37	6.9
	147.8	41.1	42.0		64.0	30	3.9
XA(T)100/20D	139.8	38.8	37.2	2900	63.0	30	3.9
	233.1	64.7	28.7		70.0	30	5.8
	279.7	77.7	21.8		64.0	30	6.9
XA(T)100/20E	131.9	36.6	32.0	2900	59.5	30	3.9
	219.8	61.0	24.0		67.5	30	5.8
	263.7	73.3	18.0		60.0	30	6.9
XA100/26	177.0	49.2	95.0	2900	65.0	90	3.9
	295.0	81.9	85.0		78.0	110	5.8
	354.0	98.3	75.0		75.5	110	7.0
XA100/26A	171.0	47.5	88.0	2900	65.0	75	3.9
	284.9	79.1	78.2		77.2	90	5.8
	341.9	95.0	69.0		75.0	110	7.0
XA(T)100/26B	164.3	45.6	81.5	2900	64.0	75	3.9
	273.8	76.0	71.5		75.6	90	5.8
	328.5	91.3	63.0		74.0	90	7.0
XA(T)100/26C	157.5	43.8	75.0	2900	63.0	75	3.9
	262.6	72.9	65.2		74.5	75	5.8
	315.1	87.5	56.8		72.5	75	7.0
XA(T)100/26D	150.8	41.9	68.7	2900	62.0	55	3.9
	251.4	69.8	58.5		72.5	75	5.8
	301.7	83.8	50.5		70.0	75	7.0
XA(T)100/26E	144.1	40.0	62.3	2900	61.5	55	3.9
	240.2	66.7	52.4		70.5	75	5.8
	288.3	80.1	44.5		68.0	75	7.0
XA(T)100/26F	137.4	38.2	56.0	2900	58.0	45	3.9
	229.1	63.6	46.4		69.0	55	5.8
	274.9	76.4	38.0		63.0	55	7.0
XA(T)125/20	216.0	60.0	56.5	2900	59.5	75	4.7
	360.0	100.0	49.0		74.0	90	6.5
	432.0	120.0	42.5		72.5	90	7.2
XA(T)125/20A	206.9	57.5	51.7	2900	58.0	55	4.7
	344.9	95.8	43.6		72.5	75	6.5
	413.8	115.0	37.0		71.3	75	7.2
XA(T)125/20B	196.8	54.7	46.3	2900	57.0	55	4.7
	328.0	91.1	37.8		71.5	55	6.5
	393.6	109.3	31.5		69.0	55	7.2
XA(T)125/20C	186.7	51.9	40.6	2900	54.0	45	4.7
	311.2	86.4	32.3		70.0	45	6.5
	373.5	103.7	26.2		66.0	45	7.2

Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)32/13	4.3	1.2	6.7	1450	47.0	0.55	1.7
	8.7	2.4	5.8		59.0	0.55	2.1
XA(T)32/13A	4.1	1.1	5.7	1450	56.5	0.55	2.0
	8.1	2.3	4.8		58.0	0.55	2.1
XA(T)32/13B	3.7	1.0	4.7	1450	55.0	0.55	2.0
	7.5	2.1	3.9		56.0	0.55	2.1
XA(T)32/13C	3.4	1.0	3.9	1450	45.0	0.55	1.7
	6.9	1.9	3.1		54.0	0.55	2.1
XA(T)32/13D	5.2	1.4	2.7	1450	51.0	0.55	2.0
	6.2	1.7	2.3		52.0	0.55	2.1
XA(T)32/16	5.2	1.4	10.6	1450	47.5	0.55	1.8
	8.7	2.4	10.1		55.0	0.55	2.0
XA(T)32/16A	4.9	1.4	9.5	1450	56.0	0.75	2.2
	9.9	2.7	8.5		55.5	0.55	2.2
XA(T)32/16B	4.6	1.3	8.4	1450	44.0	0.55	1.8
	7.7	2.1	7.8		53.5	0.55	2.0
XA(T)32/16C	4.3	1.2	7.4	1450	42.0	0.55	1.8
	7.2	2.0	6.8		51.5	0.55	2.0
XA(T)32/16D	4.0	1.1	6.4	1450	41.5	0.55	1.8
	6.7	1.9	5.9		49.5	0.55	2.0
XA(T)32/16E	3.7	1.0	5.5	1450	40.0	0.55	1.8
	6.2	1.7	5.1		47.0	0.55	2.0
XA(T)32/20	5.2	1.4	16.0	1450	37.0	0.75	1.9
	8.7	2.4	14.7		46.5	1.1	2.0
XA(T)32/20A	10.4	2.9	13.6	1450	47.5	1.1	2.3
	5.0	1.4	14.6		36.0	0.75	1.9
XA(T)32/20B	8.3	2.3	13.2	1450	46.0	1.1	2.0
	10.0	2.8	12.1		46.5	1.1	2.3
XA(T)32/20C	4.7	1.3	13.2	1450	34.5	0.75	1.9
	7.9	2.2					



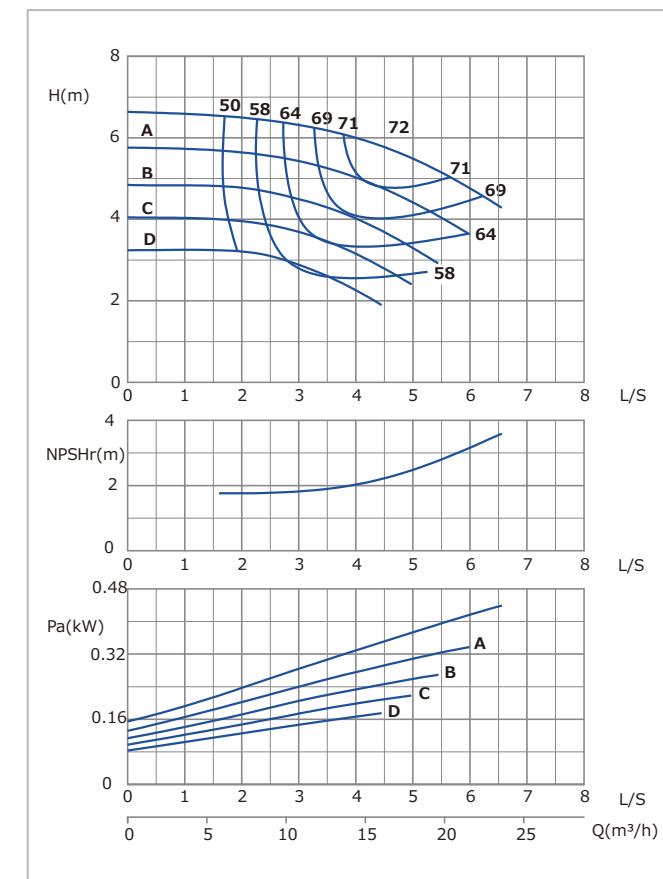
— YOUTH AQUA —

XA(T) 32/26-1450r/min Performance curve



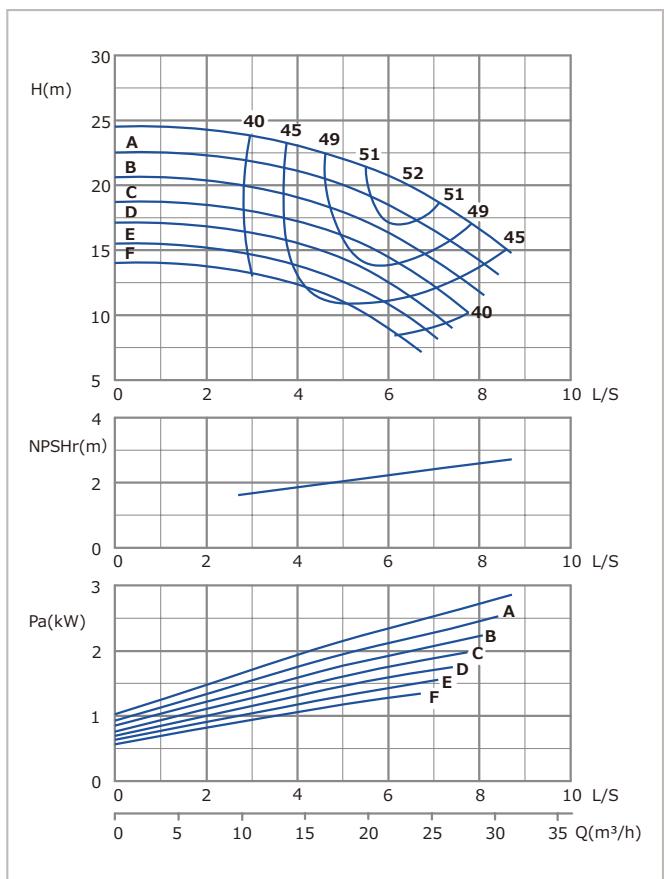
END SUCTION PUMP

XA(T) 40/13-1450r/min Performance curve



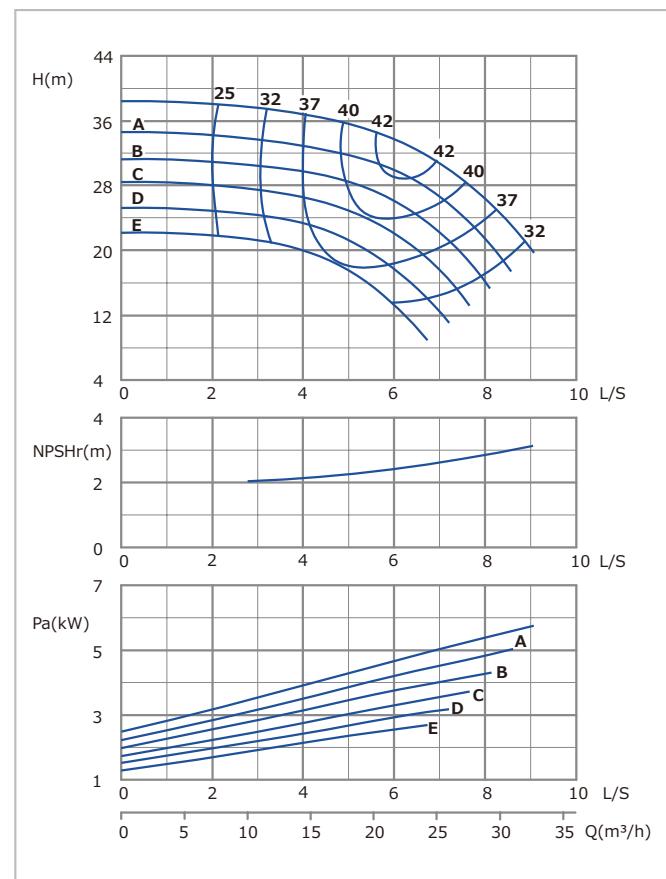
— YOUTH AQUA —

XA(T) 40/26-1450r/min Performance curve

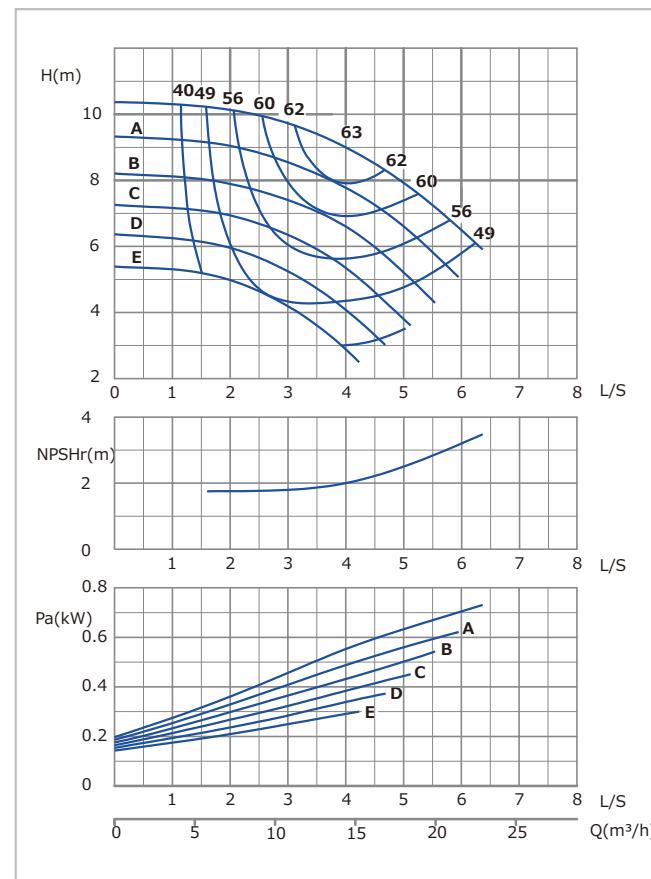


END SUCTION PUMP

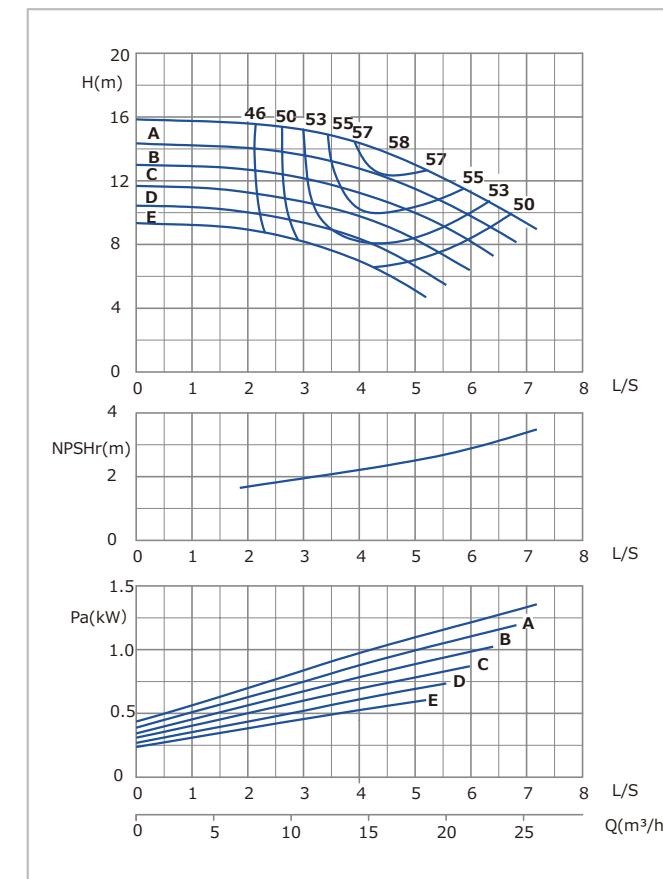
XA(T) 40/32-1450r/min Performance curve



XA(T) 40/16-1450r/min Performance curve



XA(T) 40/20-1450r/min Performance curve

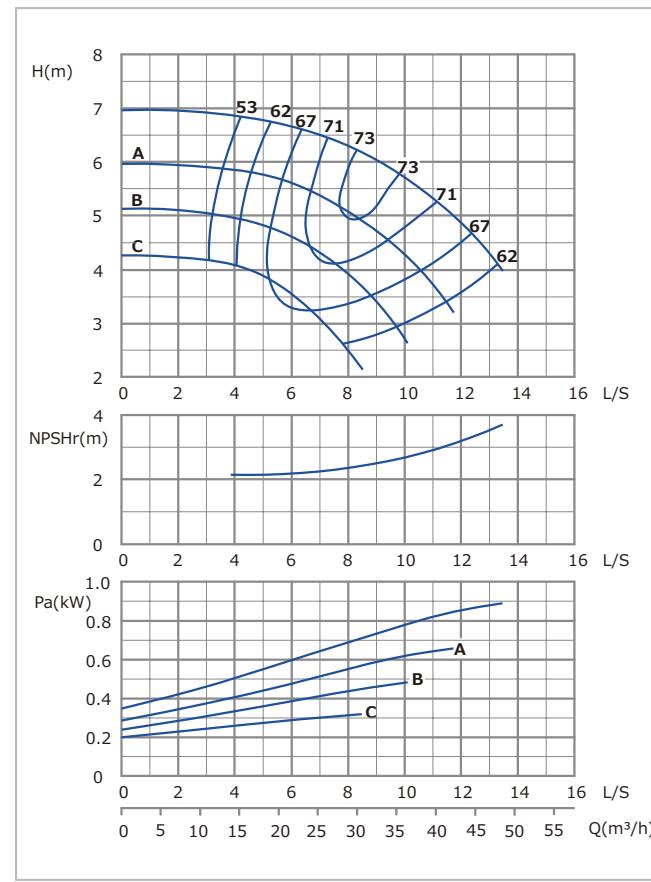


Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)32/26	6.6	1.8	23.7	1450	30.0	2.2	1.8
	11.0	3.1	22.4		38.0	2.2	2.1
	13.2	3.7	21.4		40.0	3	2.4
XA(T)32/26A	6.4	1.8	21.8	1450	30.0	2.2	1.8
	10.6	2.9	20.9		37.0	2.2	2.1
	12.7	3.5	19.9		39.5	2.2	2.4
XA(T)32/26B	6.1	1.7	20.2	1450	29.0	2.2	1.8
	10.2	2.8	19.3		37.0	2.2	2.1
	12.2	3.4	18.5		39.0	2.2	2.4
XA(T)32/26C	5.9	1.6	18.6	1450	28.5	2.2	1.8
	9.8	2.7	17.8		36.0	2.2	2.1
	11.7	3.3	17.0		38.0	2.2	2.4
XA(T)32/26D	5.6	1.6	17.1	1450	28.0	1.5	1.8
	9.4	2.6	16.3		35.0	1.5	2.1
	11.2	3.1	15.7		37.0	1.5	2.4
XA(T)32/26E	5.4	1.5	15.9	1450	27.5	1.5	1.8
	8.9	2.5	15.1		34.0	1.5	2.1
	10.7	3.0	14.5		36.0	1.5	2.4
XA(T)32/26F	5.1	1.4	14.8	1450	26.5	1.5	1.8
	8.5	2.4	14.0		33.0	1.5	2.1
	10.2	2.8	13.3		35.0	1.5	2.4
XA(T)40/13	8.7	2.4	6.4	1450	59.0	0.55	1.8
	14.5	4.0	6.0		71.0	0.55	2.0
	17.4	4.8	5.6		72.0	0.55	2.4
XA(T)40/13A	8.1	2.3	5.6	1450	58.0	0.55	1.8
	13.6	3.8	5.2		71.0	0.55	2.0
	16.3	4.5	4.8		71.0	0.55	2.4
XA(T)40/13B	7.5	2.1	4.8	1450	56.0	0.55	1.8
	12.5	3.5	4.3		69.0	0.55	2.0
	15.0	4.2	3.9		68.5	0.55	2.4
XA(T)40/13C	6.9	1.9	4.0	1450	51.0	0.55	1.8
	11.5	3.2	3.6		64.0	0.55	2.0
	13.8	3.8	3.3		63.5	0.55	2.4
XA(T)40/13D	6.3	1.7	3.3	1450	50.5	0.55	1.8
	10.4	2.9	3.0		58.0	0.55	2.0
	12.5	3.5	2.6		58.0	0.55	2.4
XA(T)40/16	8.7	2.4	10.0	1450	59.0	0.55	1.8
	14.5	4.0	9.0		63.0	0.75	2.0
	17.4	4.8	8.1		61.5	1	2.4
XA(T)40/16A	8.3	2.3	8.9	1450	57.0	0.55	1.8
	13.8	3.8	8.0		62.0	0.75	2.0
	16.5	4.6	7.2		60.0	0.75	2.4
XA(T)40/16B	7.8	2.2	7.8	1450	56.0	0.55	1.8
	12.9	3.6	7.0		60.0	0.55	2.0
	15.5	4.3	6.3		58.0	0.75	2.4
XA(T)40/16C	7.3	2.0	7.0	1450	50.0	0.55	1.8
	12.1	3.4	6.0		57.0	0.55	2.0
	14.5	4.0	5.4		55.0	0.55	2.4
XA(T)40/16D	6.8	1.9	6.0	1450	48.5	0.55	1.8
	11.3	3.1	5.2		53.0	0.55	2.0
	13.5	3.8	4.4		50.0	0.55	2.4
XA(T)40/16E	6.3	1.7	5.1	1450	43.0	0.55	1.8
	10.4	2.9	4.3		49.0	0.55	2.0
	12.5	3.5	3.6		45.0	0.55	2.4
XA(T)40/32	10.8	3.0	37.5	1450	31.0	0.55	2.1
	18.0	5.0	35.6		40.0	0.55	2.3
XA(T)40/32A	21.6	6.0	33.8	1450	42.0	0.55	2.5
	10.3	2.9	33.9		30.5	4	2.1
XA(T)40/32B	17.2	4.8	32.0	1450	40.0	0.55	2.5
	20.7	5.7	30.5		42.0	0.55	2.5
XA(T)40/32C	19.7	5.5	27.6	1450	41.0	0.55	2.5
	16.4	4.6	29.0		39.0	4	2.3
XA(T)40/32D	18.7	5.2	24.4	1450	40.0	0.55	2.5
	14.8	4.1	23.2		37.0	4	2.3
XA(T)40/32E	16.7	4.7	24.3	1450	29.5	3	2.1
	14.0	3.9	20.3		37.0	4	2.3
XA(T)40/32F	17.7	4.9	21.5	1450	39.0	4	2.5
	17.7	4.1	23.2		37.0	4	2.3
XA(T)40/32G	18.7	5.2	22.0	1450	26.0	3	



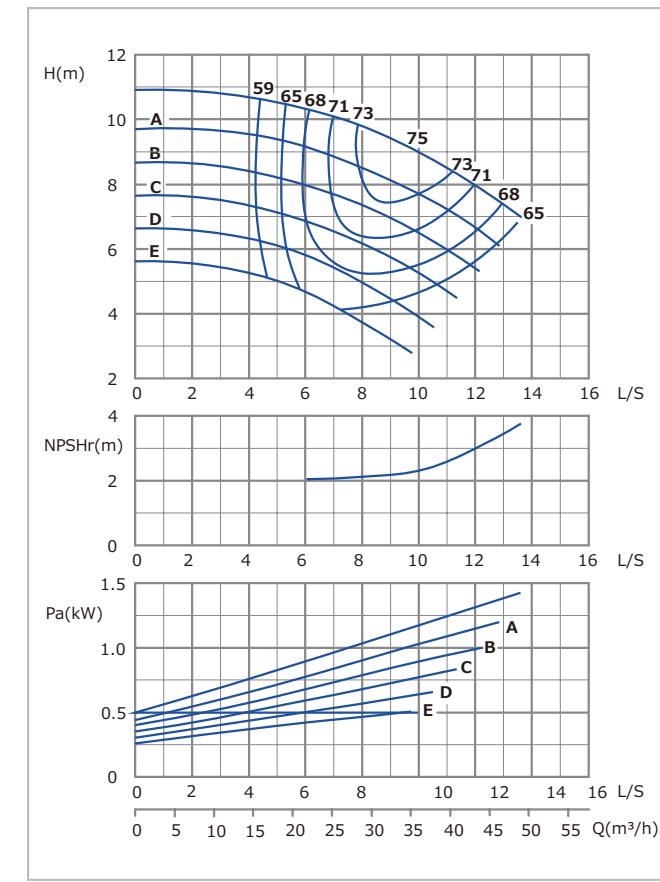
— YOUTH AQUA —

XA(T) 50/13-1450r/min Performance curve



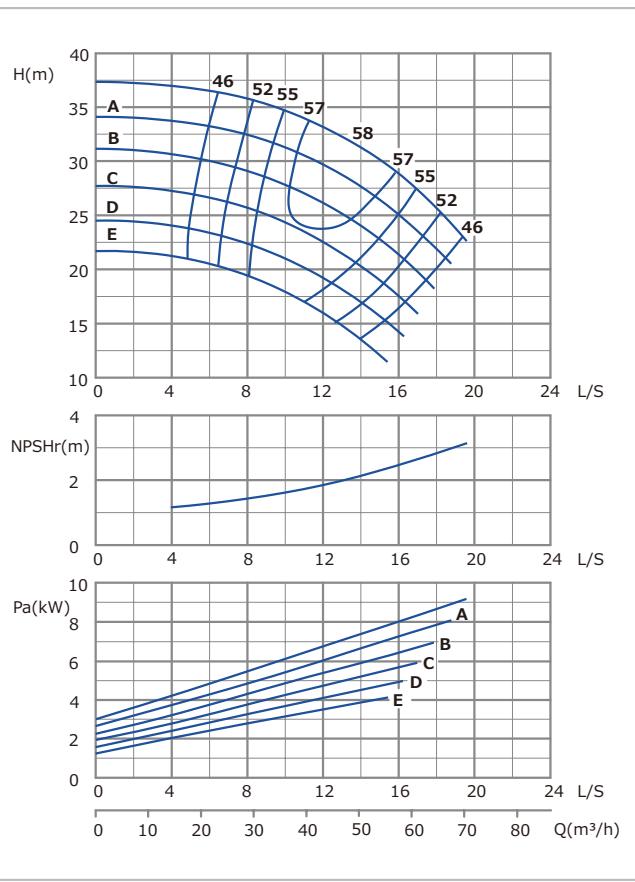
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XA(T) 50/16-1450r/min Performance curve



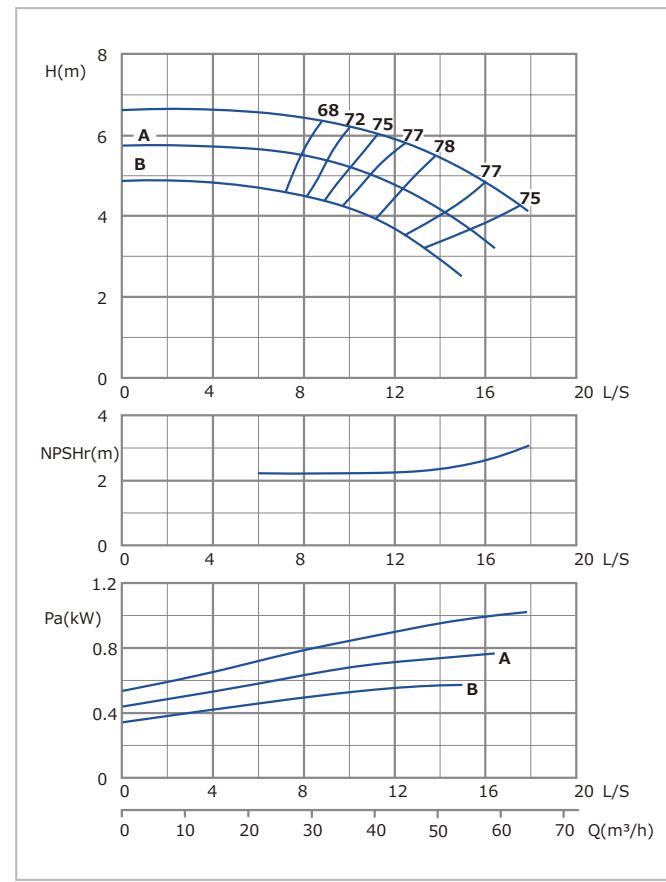
— YOUTH AQUA —

XA(T) 50/32-1450r/min Performance curve

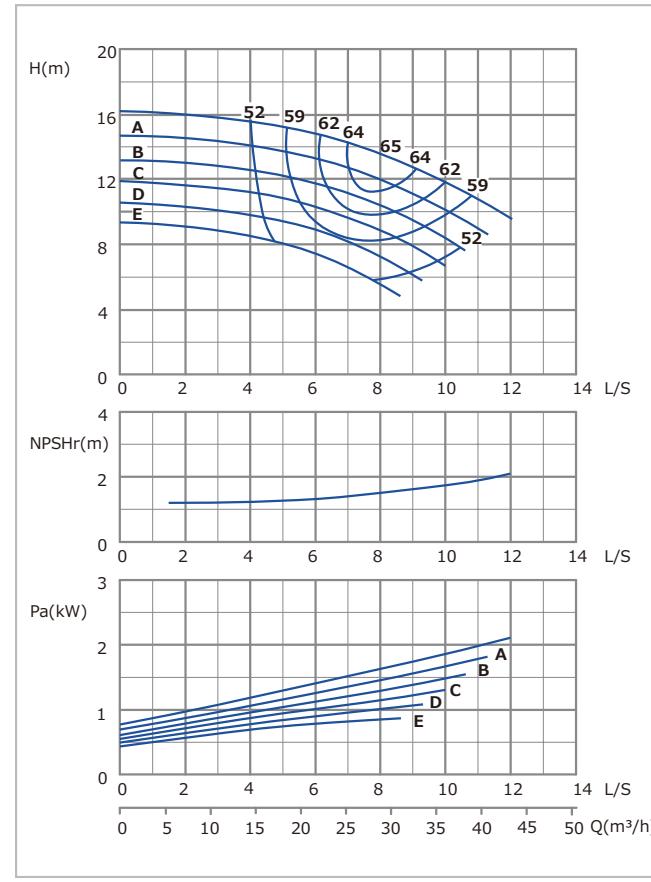


END SUCTION PUMP

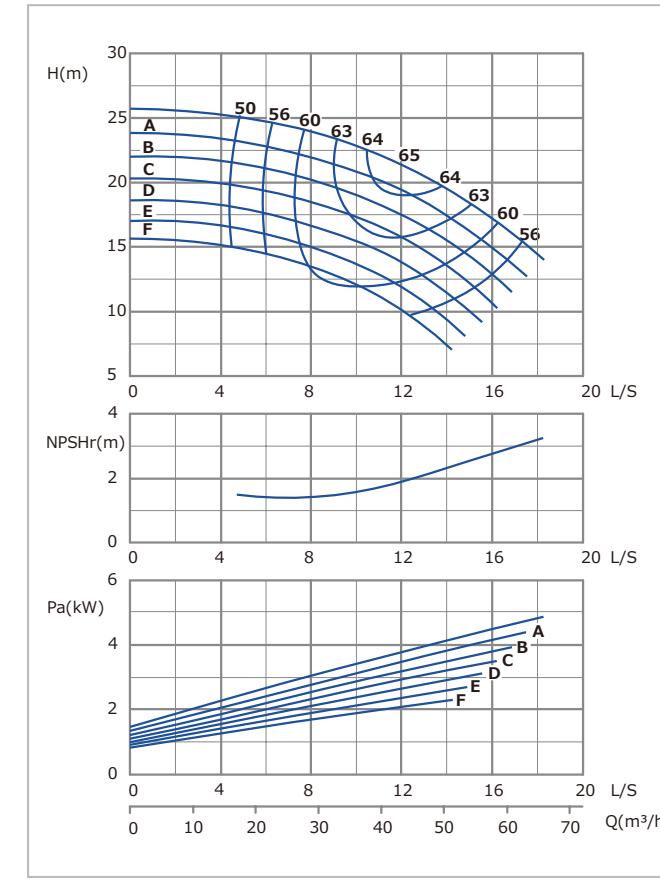
XA(T) 65/13-1450r/min Performance curve



XA(T) 50/20-1450r/min Performance curve



XA(T) 50/26-1450r/min Performance curve



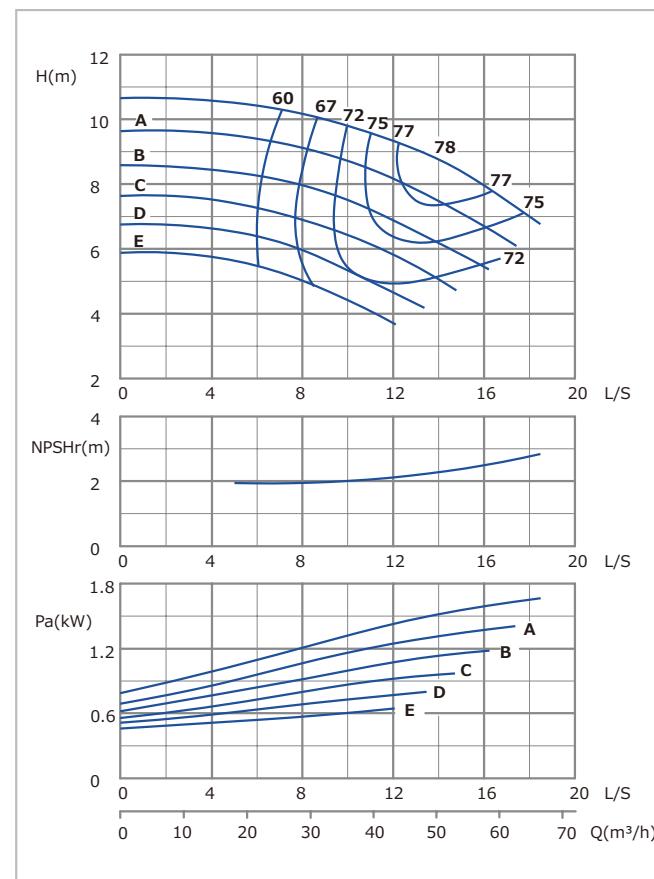
Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)50/13	17.4	4.8	6.8	1450	59.0	0.75	2.2
	28.9	8.0	6.3		72.0	1.1	2.4
	34.7	9.6	5.8		73.0	1.1	2.7
XA(T)50/13A	16.2	4.5	5.8	1450	58.5	0.75	2.2
	27.1	7.5	5.2		72.0	0.75	2.4
	32.5	9.0	4.7		72.0	0.75	2.7
XA(T)50/13B	15.0	4.2	4.9	1450	62.0	0.55	2.2
	25.0	6.9	4.4		71.0	0.55	2.4
	30.0	8.3	3.8		69.0	0.55	2.7
XA(T)50/13C	13.7	3.8	4.1	1450	61.0	0.55	2.2
	22.9	6.4	3.4		67.0	0.55	2.4
	27.5	7.6	2.8		64.0	0.55	2.7
XA(T)50/16	18.5	5.1	10.5	1450	65.0	1.1	2.1
	30.9	8.6	9.5		74.0	1.5	2.2
	37.1	10.3	8.8		70.0	1.5	2.4
XA(T)50/16A	17.6	4.9	9.4	1450	64.0	1.1	2.1
	29.3	8.1	8.5		73.0	1.5	2.2
	35.1	9.8	7.8		73.0	1.5	2.4
XA(T)50/16B	16.5	4.6	8.3	1450	61.0	1.1	2.1
	27.5	7.6	7.5		72.0	1.1	2.2
	33.0	9.2	6.9		72.0	1.1	2.4
XA(T)50/16C	15.4	4.3	7.3	1450	59.0	0.75	2.1
	25.7	7.2	6.6		70.0	1.1	2.2
	30.9	8.6	6.0		71.5	1.1	2.4
XA(T)50/16D	14.4	4.0	6.3	1450	57.5	0.55	2.1
	24.0	6.7	5.7		67.5	0.75	2.2
	28.8	8.0	5.0		67.0	0.75	2.4
XA(T)50/16E	13.3	3.7	5.4	1450	56.0	0.55	2.1
	22.2	6.2	4.6		66.0	0.55	2.2
	26.6	7.4	4.0		65.0	0.55	2.4
XA(T)50/20	18.0	5.0	15.3	1450	59.0	2.2	1.3
	30.0	8.3	13.3		65.0	2.2	1.5
	36.0	10.0	11.8		62.0	2.2	1.8
XA(T)50/20A	17.2	4.8	14.0	1450	57.5	1.5	1.3
	28.7	8.0	12.0		64.5	2.2	1.5
	34.5	9.6	10.6		61.0	2.2	1.8
XA(T)50/20B	16.4	4.6	12.5	1450	54.5	1.5	1.3
	27.3	7.6	10.7		63.0	2.2	1.5
	32.8	9.1	9.4		60.0	2.2	1.8
XA(T)50/20C	15.6	4.3	11.1	1450	52.0	1.1	1.3
	25.9	7.2	9.6		61.5	1.5	1.5
	31.1	8.6	8.2		58.5	1.5	1.8
XA(T)50/20D	14.7	4.1	9.8	1450	51.5	1.1	1.3
	24.5	6.8	8.3		58.5	1.5	1.5
	29.4	8.2	7.2		55.0	1.5	1.8
XA(T)50/20E	13.9	3.9	8.6	1450	49.0	1.1	1.3
	23.1	6.4	7.1		55.0	1.1	1.5
	27.7	7.7	5.9		52.0	1.1	1.8

Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)50/26	19.2	5.3	25.0	1450	53.0	3	1.7
	32.0	8.9	23.5		63.0	4	1.8
	38.4	10.7	22.3		64.0	6	1.9
XA(T)50/26A	18.5	5.2	23.1	1450	51.5	3	1.7
	30.9	8.6	21.7		62.0	4	1.8
	37.1	10.3	20.6		63.0	5.5	1.9
XA(T)50/26B	17.8	5.0	21.4	1450	51.5	3	1.7
	29.7	8.3	20.0		62.0	4	1.8
	35.6	9.9	19.1		63.5	4	1.9
XA(T)50/26C	17.1	4.7	19.8	1450	51.0	3	1.7
	28.5	7.9	18.6		61.0	3	1.8
	34.2	9.5	17.7		63.0	4	1.9
XA(T)50/26D	16.4	4.5	18.2	1450	50.0	2.2	1.7
	27.3	7.6	17.0		60.0	3	1.8
	32.7	9.1	16.1		61.5	3	1.9
XA(T)50/26E	15.6	4.3	16.6	1450	49.5	2.2	1.7
	26.1	7.2	15.5		59.5	3	1.8
	31.3	8.7	14.7		61.0	3	1.9
XA(T)50/26F	14.9	4.1	15.1	1450	49.0	1.5	1.7
	24.9	6.9	14.0		58.5	2.2	1.8
	29.8	8.3	13.2		60.0	2.2	1.9
XA(T)50/32	30.2	8.4	35.6	1450	52.0	7.5	1.5
	50.4	14.0	31.1		58.0	11	2.2
	60.5	16.8	27.8				



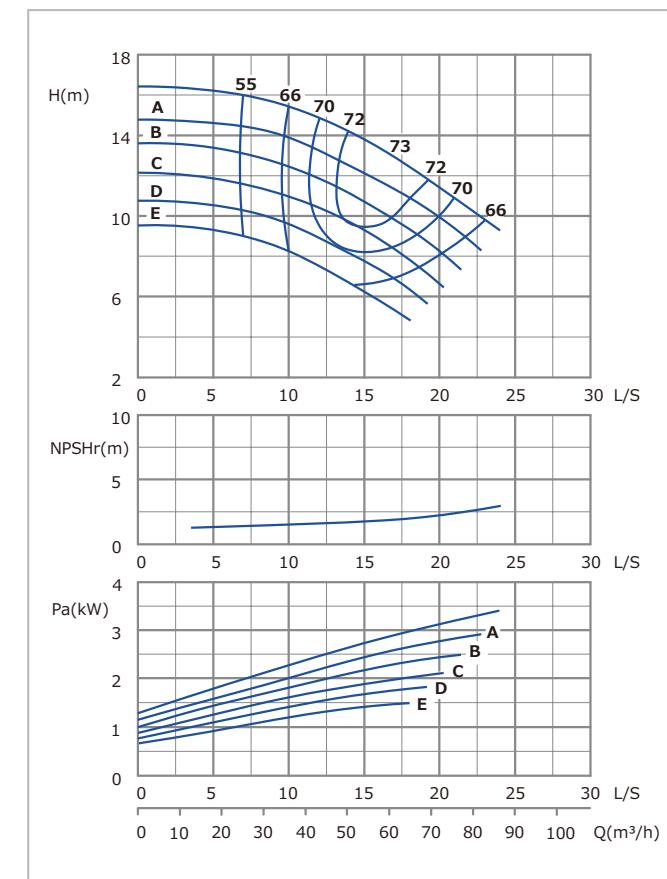
— YOUTH AQUA —

XA(T) 65/16-1450r/min Performance curve



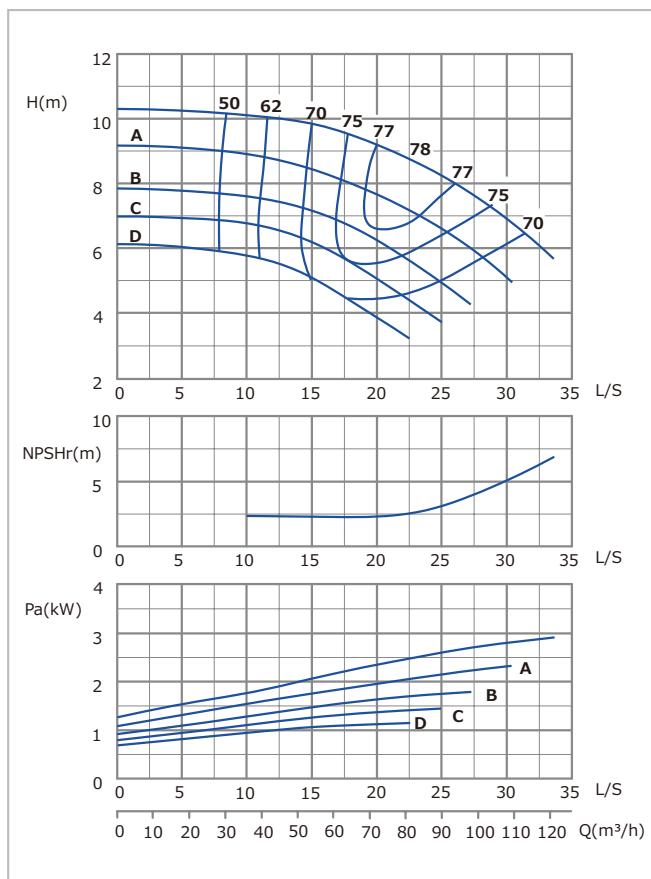
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XA(T) 65/20-1450r/min Performance curve



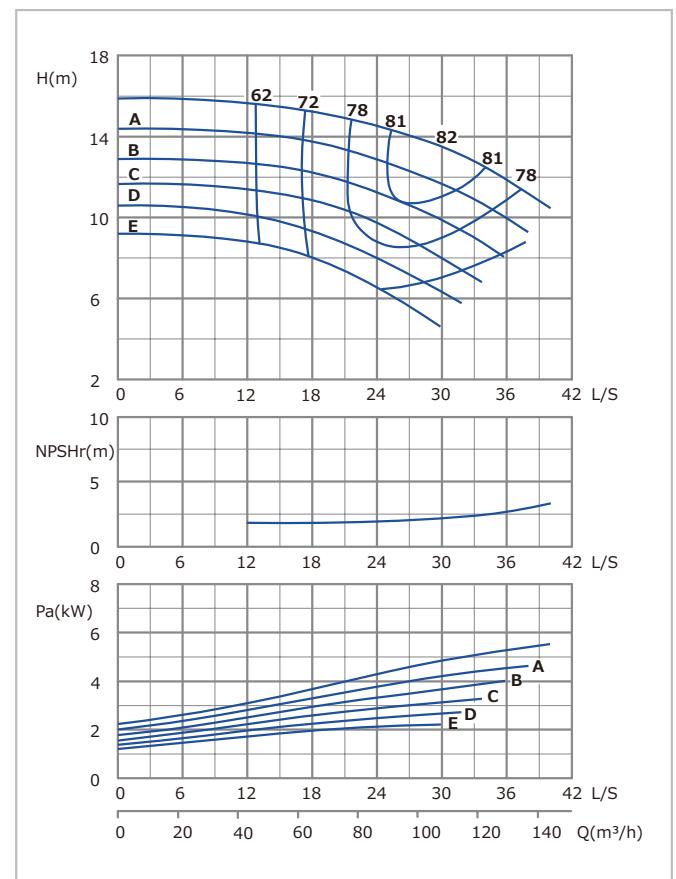
— YOUTH AQUA —

XA(T) 80/16-1450r/min Performance curve

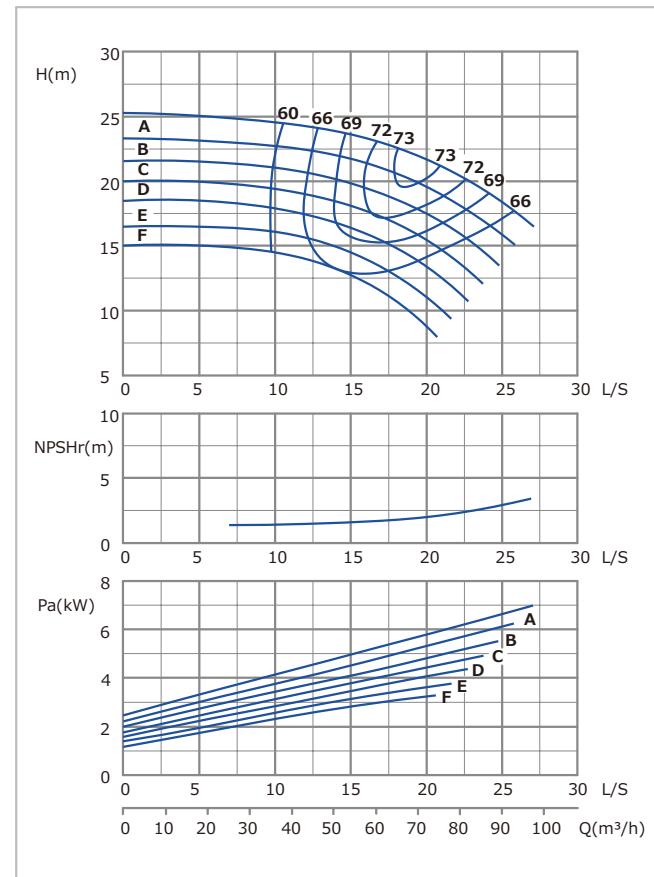


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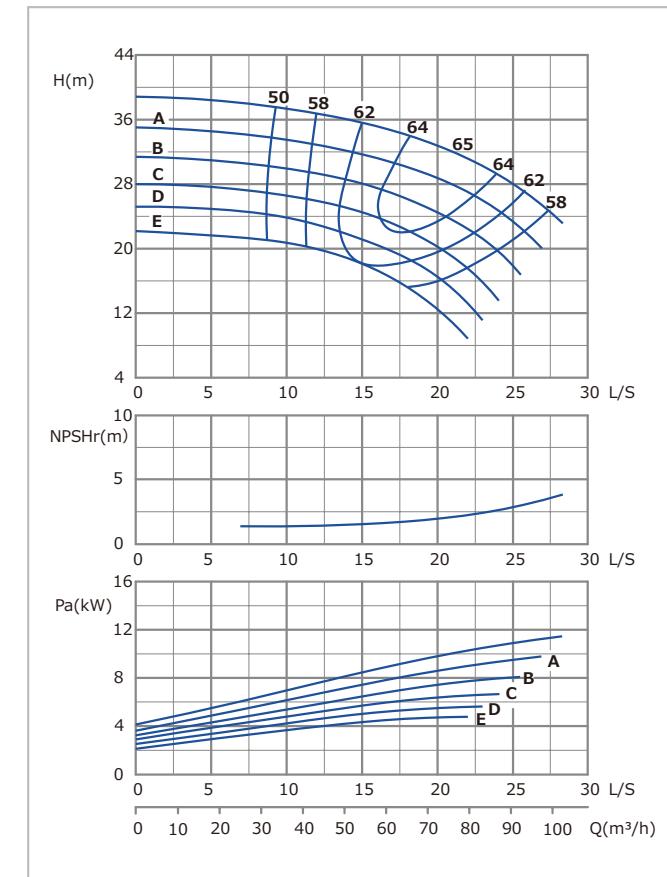
XA(T) 80/20-1450r/min Performance curve



XA(T) 65/26-1450r/min Performance curve



XA(T) 65/32-1450r/min Performance curve



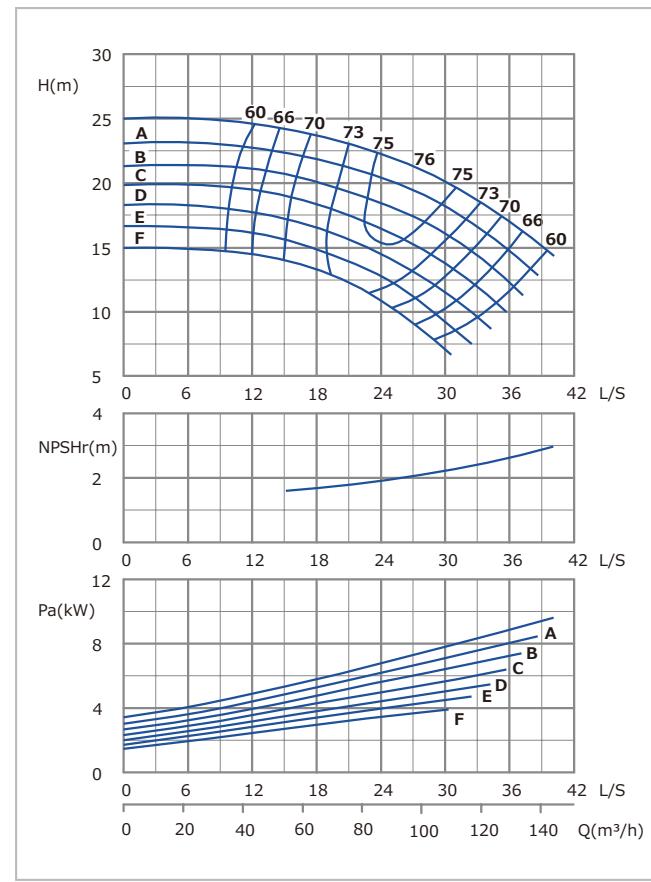
Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)65/16	30.0	8.3	10.2	1450	66.0	2.2	2.0
	50.0	13.9	8.8		78.0	2.2	2.3
	60.0	16.7	7.8		77.0	2.2	2.6
XA(T)65/16A	28.5	7.9	9.2	1450	65.5	1.5	2.0
	47.4	13.2	7.5		77.0	2.2	2.3
	56.9	15.8	6.7		75.0	2.2	2.6
XA(T)65/16B	44.5	12.4	7.1	1450	65.0	1.1	2.0
	53.5	14.8	5.9		75.5	1.1	2.3
XA(T)65/16C	25.0	6.9	7.1	1450	64.0	1.1	2.0
	41.7	11.6	6.0		74.0	1.5	2.3
	50.0	13.9	5.2		72.0	1.5	2.6
XA(T)65/16D	23.3	6.5	6.1	1450	61.0	1.1	2.0
	38.8	10.8	5.2		72.0	1.1	2.3
	46.6	12.9	4.5		70.0	1.1	2.6
XA(T)65/16E	21.6	6.0	5.5	1450	60.0	1	2.0
	35.9	10.0	4.5		69.0	1.1	2.3
	43.1	12.0	3.8		67.0	1.1	2.6
XA(T)65/20	33.0	9.2	15.6	1450	65.0	3	1.7
	55.0	15.3	13.7		72.5	4	1.9
	66.0	18.3	11.4		71.0	4	2.1
XA(T)65/20A	31.6	8.8	14.1	1450	64.0	3	1.7
	52.7	14.6	12.4		72.5	3	1.9
	63.2	17.6	11.1		72.0	3	2.1
XA(T)65/20B	30.1	8.3	12.8	1450	62.0	2.2	1.7
	50.1	13.9	11.2		72.0	3	1.9
	60.1	16.7	10.0		72.0	3	2.1
XA(T)65/20C	28.5	7.9	11.4	1450	60.0	2.2	1.7
	47.5	13.2	10.0		71.5	2.2	1.9
	57.0	15.8	9.0		71.0	2.2	2.1
XA(T)65/20D	27.0	7.5	10.2	1450	56.0	2.2	1.7
	45.0	12.5	8.9		69.5	2.2	1.9
	53.9	15.0	7.8		69.0	2.2	2.1
XA(T)65/20E	25.4	7.1	9.0	1450	55.0	1.5	1.7
	42.4	11.8	7.7		68.0	2.2	1.9
	50.9	14.1	6.8		66.0	2.2	2.1
	36.0	10.0	24.6		59.0	5.5	1.7
XA(T)65/26	60.0	16.7	23.0	1450	72.0	7.5	1.9
	72.0	20.0	21.7		73.0	7.5	2.0
	34.8	9.7	22.7		59.0	5.5	1.7
XA(T)65/26A	58.0	16.1	21.5	1450	72.0	7.5	1.9
	69.6	19.3	20.0		73.0	7.5	2.0
	33.4	9.3	21.0		58.0	4	1.7
XA(T)65/26B	55.7	15.5	19.8	1450	71.0	5.5	1.9
	66.8	18.6	18.3		72.5	5.5	2.0
	32.1	8.9	19.6		57.0	4	1.7
XA(T)65/26C	53.4	14.8	18.2	1450	70.0	5.5	1.9
	64.1	17.8	17.0		72.0	5.5	2.0
	30.7	8.5	18.1		56.0	4	1.7
XA(T)65/26D	51.1	14.2	16.7	1450	69.0	5.5	1.9
	61.4	17.0	15.3		69.0	5.5	2.0
	29.3	8.1	16.4		55.0	3	1.7
XA(T)65/26E	48.9	13.6	15.1	1450	67.0	4	1.9
	58.6	16.3	13.9		67.0	4	2.0
	28.0	7.8	15.0		53.0	3	1.7
XA(T)65/26F	46.6	12.9	13.8	1450	65.5	4	1.9
	55.9	15.5	12.5		65.0	4	2.0

Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)65/32	39.0	10.8	37.0	1450	54.0	11	1.9
	65.0	13.9	34.0		64.0	11	2.0
	78.0	16.7	31.7		65.0	15	2.1
XA(T)65/32A	37.3	10.4	33.4	1450	64.0	11	2.0
	62.2	17.3	30.6		64.5	11	2.1
	74.7	20.7	28.4		64.5	11	2.1
XA(T)65/32B	35.6	9.9	30.0	1450	64.0	11	2.0
	59.3	16.5	27.2		64.0	11	2.1
	71.1	19.8	24.8		64.0	11	2.1
XA(T)65/32C	33.8	9.4	27.0	1450	62.0	7.5	1.9
	56.3	15.6	24.2		63.5	7.5	2.0
	67.6	18.8	21.8		63.5	7.5	2.1
XA(T)65/32D	32.0	8.9	24.2	1450	60.5	5.5	1.9
	53.4	14.8	21.4		62.5	7.5	2.0
	64.0	17.8	19.0		62.0	7.5	2.1
	30.2	8.4	21.1		49.0	5.5	1.9
XA(T)65/32E	50.4	14.0	19.0	1450	62.0	5.5	2.0
	60.5	16.8	16.6		60.0	5.5	2.1
	48.0	13.3	9.9		66.0	3	2.3
XA(T)80/16	80.0	22.2	8.8	1450			



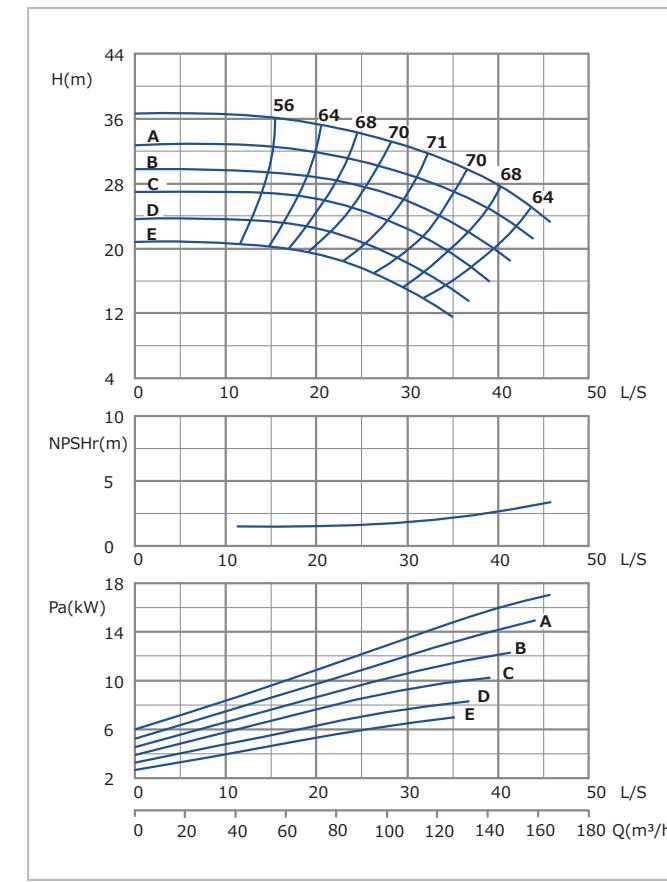
— YOUTH AQUA —

XA(T) 80/26-1450r/min Performance curve



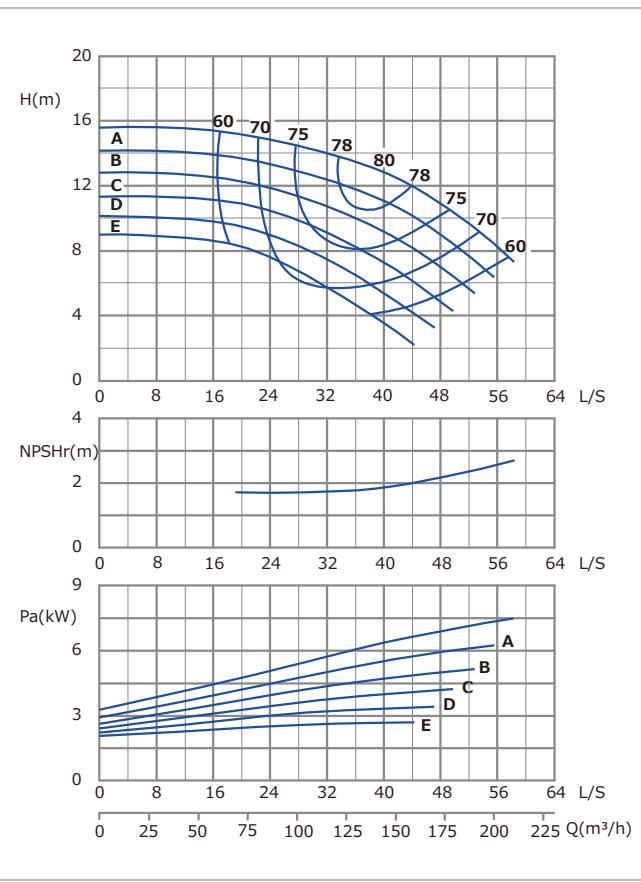
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XA(T)80/32-1450r/min Performance curve



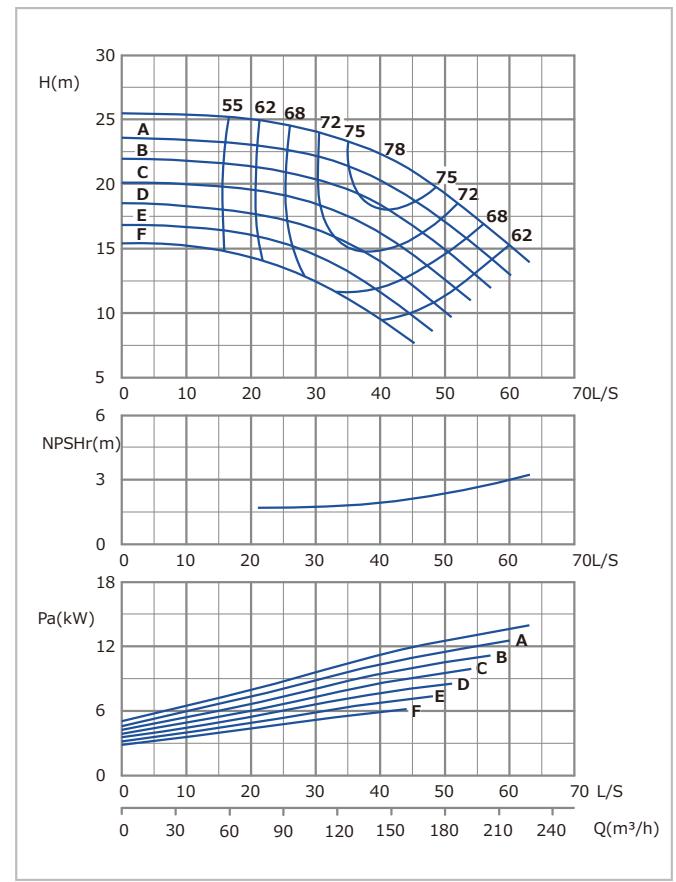
— YOUTH AQUA —

XA(T)100/20-1450r/min Performance curve

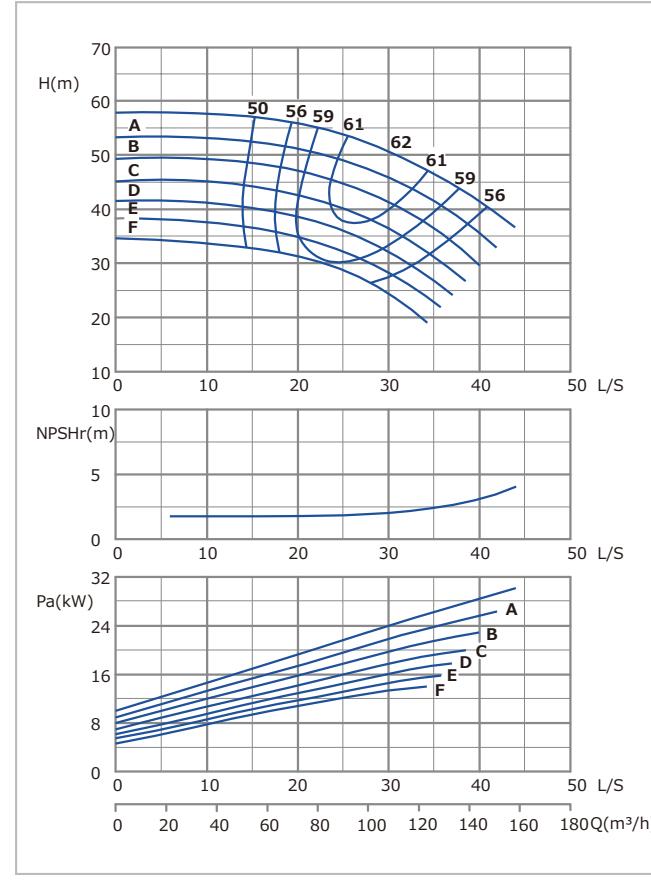


END SUCTION PUMP

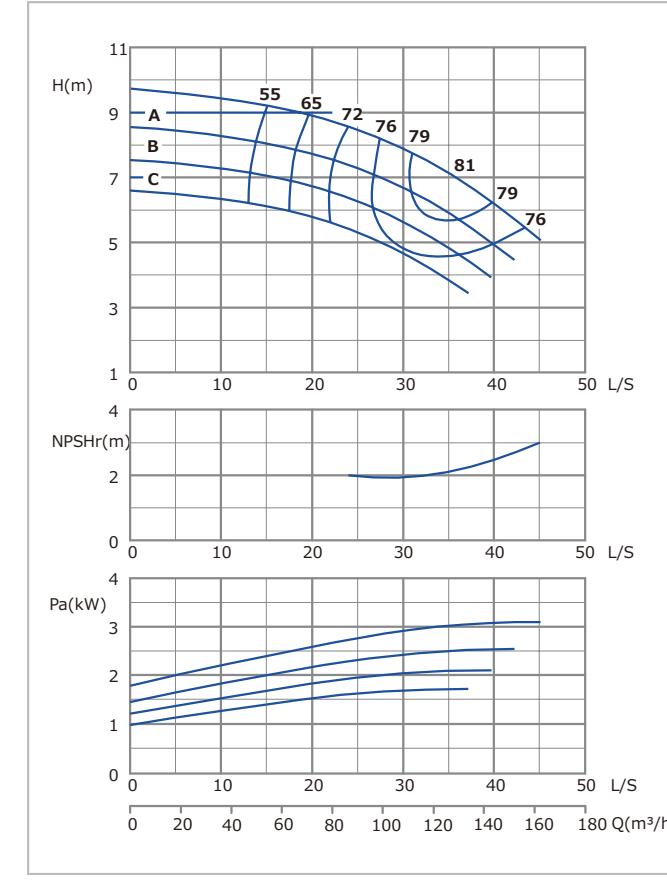
XA(T)100/26-1450r/min Performance curve



XA(T)80/40-1450r/min Performance curve



XA(T)100/16-1450r/min Performance curve



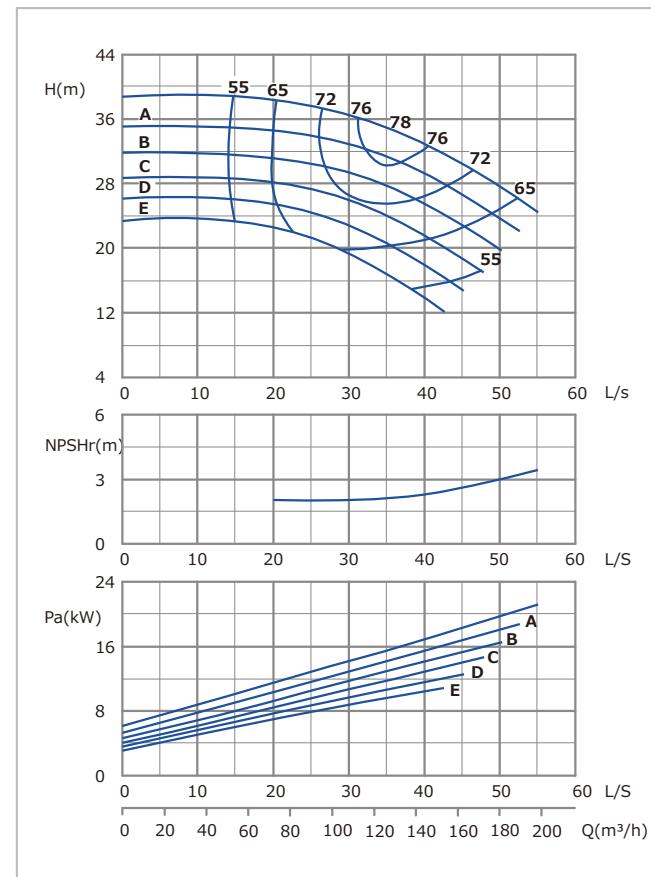
Model	Capacity m³/h	Capacity L/S	Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
XA(T)80/26	57.0	15.8	24.0	1450	66.0	7.5	1.6
	95.0	26.4	21.5		76.0	11	2.0
	114.0	31.7	19.5		75.0	11	2.4
XA(T)80/26A	55.1	15.3	22.4	1450	68.0	7.5	1.6
	91.8	25.5	20.1		76.0	11	2.0
	110.1	30.6	17.9		72.0	11	2.4
XA(T)80/26B	88.2	24.5	18.2	1450	75.5	7.5	2.0
	105.8	29.4	16.3		74.0	7.5	2.4
XA(T)80/26C	84.6	23.5	16.5	1450	66.5	5.5	1.6
	101.5	28.2	14.7		75.0	7.5	2.0
XA(T)80/26D	48.6	13.5	17.6	1450	66.5	5.5	1.6
	81.0	22.5	15.1		74.5	7.5	2.0
XA(T)80/26E	97.2	27.0	13.2	1450	73.0	7.5	2.4
	46.4	12.9	16.0		66.0	4	1.6
	77.4	21.5	13.8	1450	74.0	5.5	2.0
	92.8	25.8	11.9		72.0	5.5	2.4
XA(T)80/26F	44.3	12.3	14.5	1450	65.5	4	1.6
	73.8	20.5	12.6		73.0	5.5	2.0
	88.5	24.6	10.7		70.5	5.5	2.4
XA(T)80/32	60.0	16.7	35.8	1450	58.0	15	1.5
	100.0	27.8	33.4		69.0	18.5	1.8
	120.0	33.3	31.3		71.0	18.5	2.0
XA(T)80/32A	57.5	16.0	32.5	1450	57.0	11	1.5
	95.8	26.6	30.1		70.0	15	1.8
	114.9	31.9	28.4		70.7	15	2.0
XA(T)80/32B	54.7	15.2	29.7	1450	56.5	11	1.5
	91.2	25.3	27.5		70.0	15	1.8
	109.4	30.4	25.6		70.7	15	2.0
XA(T)80/32C	52.0	14.4	26.8	1450	56.0	11	1.5
	86.6	24.1	24.9		70.1	11	1.8
	104.0	28.9	22.8		70.6	11	2.0
XA(T)80/32D	49.2	13.7	23.3	1450	70.3	7.5	1.5
	82.1	22.8	21.5		70.3	11	1.8
	122.7	32.4	19.7		70.4	11	2.0
XA(T)80/32E	46.5	12.9	20.4	1450	57.0	5.5	1.5
	75.5	21.5	18.8		70.5	7.5	1.8
	93.0	25.8	17.1		70.4	7.5	2.0
XA(T)80/40	60.0	16.7	56.5	1450	51.5	22	1.8
	100.0	27.8	52.2		61.5	30	2.0
	120.0	33.3	47.8		61.2	30	2.3
XA(T)80/40A	58.0	16.1	52.1	1450	52.0	22	2.2
	96.6	26.8	47.8		61.5	30	2.4
	115.9	32.2	44.2		61.1	30	3.2
XA(T)80/40B	55.8	15.5	48.3	1450	51.0	18.5	2.2
	92.9	25.8	44.2		61.5	22	2.4
	111.5	31.0	40.2		60.0	30	3.0
XA(T)80/40C	53.5	14.9	44.2	1450	51.5	15	2.2
	89.2	24.8	40.2		61.3	18.5	2.3
	107.1	29.7	36.7		60.0	22	2.8
XA(T)80/40D	51.3	14.3	40.2	1450	51.0	15	2.2
	85.6	23.8	36.5		60.4	18.5	2.3
	102.7	28.5	33.3		59.2	22	2.8
XA(T)80/40E	49.1	13.7	36.8	1450	49.5	15	2.2
	81.9	22.8	33.5		59.6	15	2.3
	98.3	27.3	30.4		58.7	18.5	2.8
XA(T)80/40F	46.9	13.0	33.2	1450	48.0	11	2.2
	78.2	21.7	30.4		58.3	15	2.3
	93.9	26.1	27.8		57.3	15	2.8

Model	Capacity m³/h	Capacity L/S	Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
XA(T)100/16	75.6	21.0	8.8	1450	67.0	4	2.0
	126.0	35.0	7.2		81.0	4	2.1
	151.2	42.0	5.8		76.2	4	2.7
XA(T)100/16A	70.9	19.7	7.8	1450	68.0	3	2.0
	118.1	32.8	6.2		79.5	3	2.1</



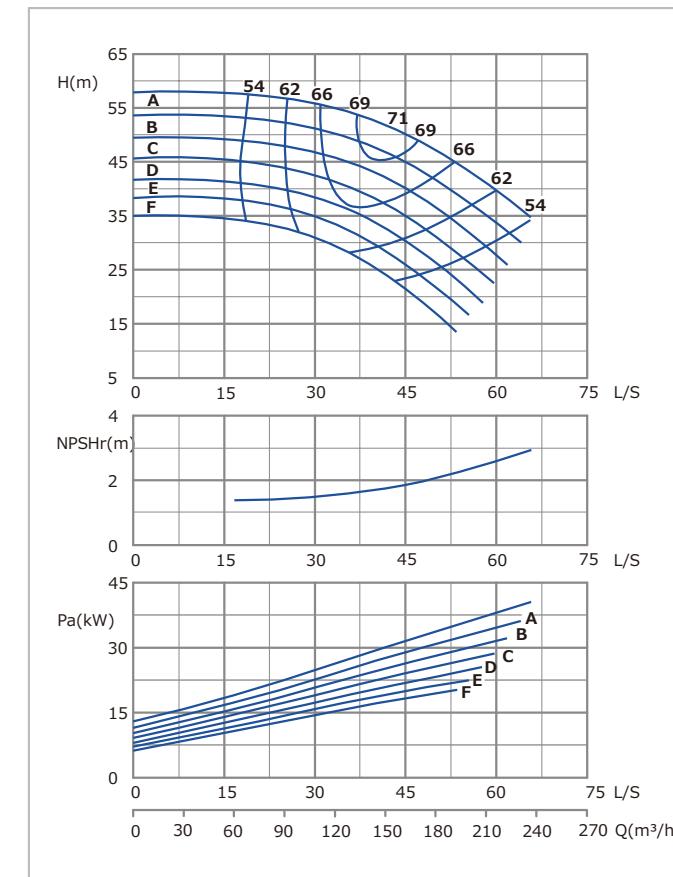
— YOUTH AQUA —

XA(T)100/32-1450r/min Performance curve



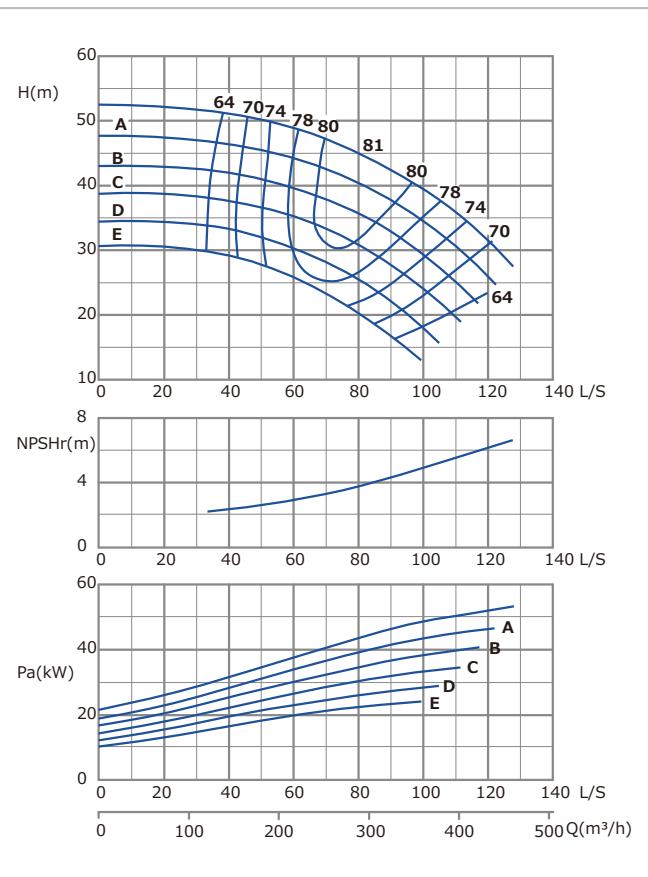
END SUCTION PUMP

XA(T)100/40-1450r/min Performance curve



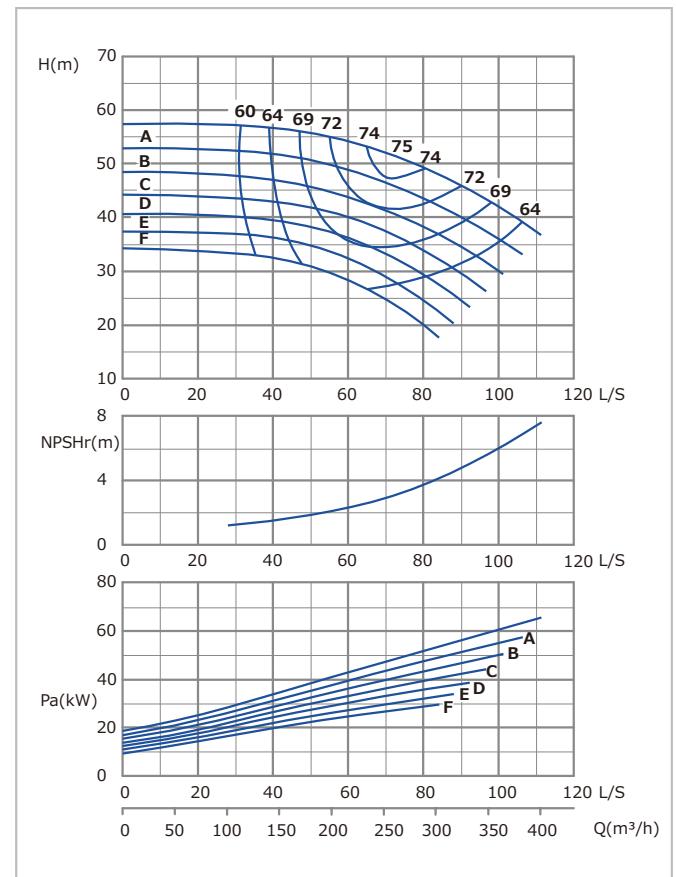
— YOUTH AQUA —

XA(T)125/32-1450r/min Performance curve

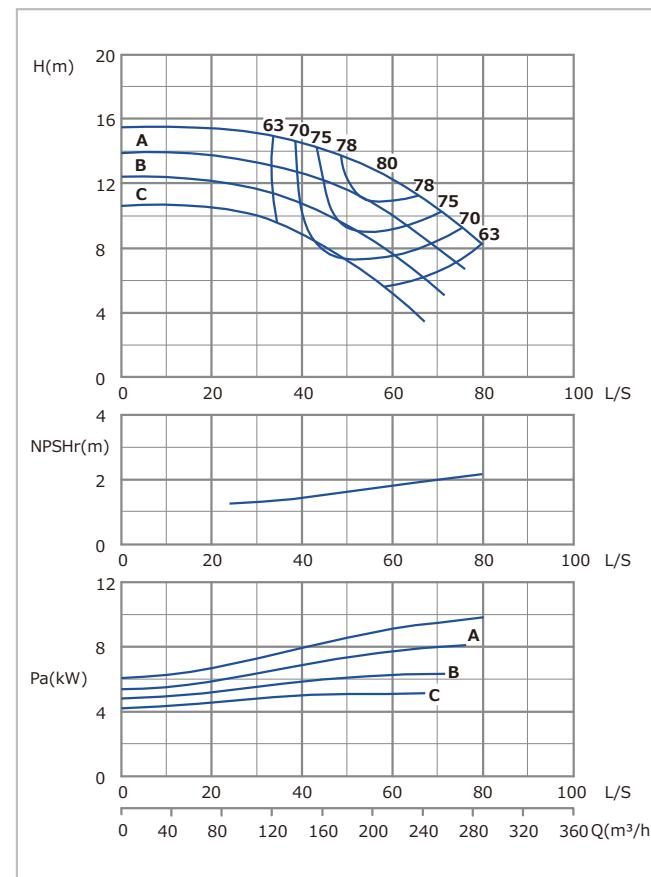


END SUCTION PUMP

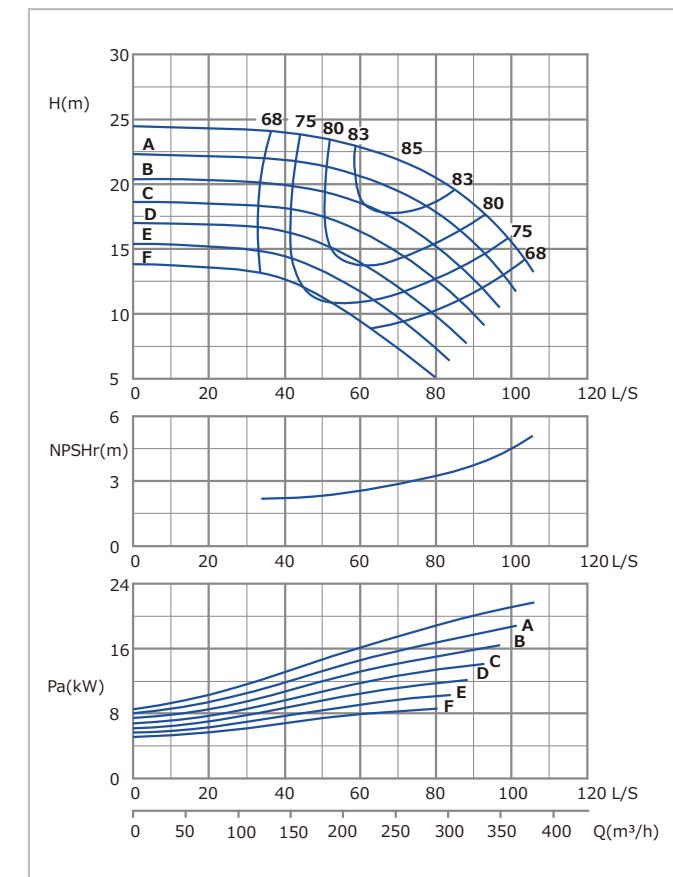
XA(T)125/40-1450r/min Performance curve



XA(T)125/20-1450r/min Performance curve



XA(T)125/26-1450r/min Performance curve



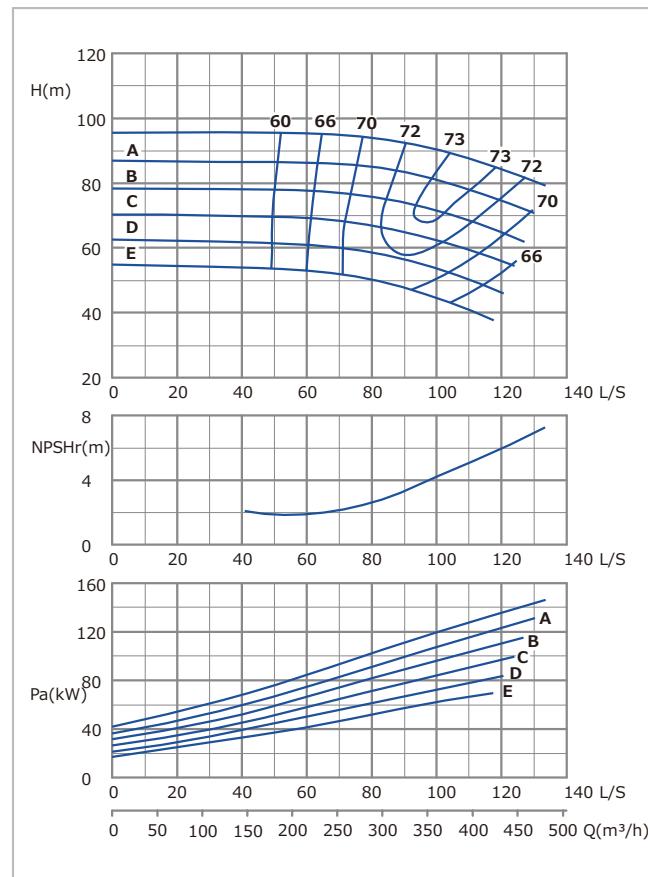
Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)100/32	81.0	22.5	38.0	1450	68.0	15	2.0
	135.0	37.5	34.0		77.6	22	2.2
	162.0	45.0	30.2		73.0	22	2.7
XA(T)100/32A	72.6	21.5	34.4	1450	67.0	15	2.0
	129.3	35.9	31.0		76.2	18.5	2.2
	155.1	43.1	27.6		72.0	22	2.7
XA(T)100/32B	73.9	20.5	31.1	1450	66.0	15	2.0
	123.1	34.2	28.0		74.0	18.5	2.2
	147.7	41.0	25.0		71.0	18.5	2.7
XA(T)100/32C	116.9	32.5	25.0	1450	65.0	11	2.0
	140.3	39.0	22.1		66.5	15	2.7
	166.5	48.5	25.7		62.0	11	2.0
XA(T)100/32D	110.8	30.8	22.3	1450	68.0	11	2.2
	132.9	36.9	19.8		64.5	15	2.7
	126.8	37.4	22.9		59.0	11	2.0
XA(T)100/32E	104.6	29.1	19.8	1450	65.0	11	2.2
	125.6	34.9	16.8		60.0	15	2.7
	90.7	25.2	56.8		62.0	30	1.5
XA(T)100/40	151.2	42.0	51.8	1450	71.0	37	1.8
	181.4	50.4	47.0		67.5	45	2.1
	87.6	24.3	52.4		61.0	30	1.5
XA(T)100/40A	146.0	40.6	47.4	1450	69.5	37	1.8
	175.2	48.7	42.6		66.0	37	2.1
	84.3	23.4	48.2		60.0	30	1.5
XA(T)100/40B	140.5	39.0	43.4	1450	67.0	37	1.8
	168.6	46.8	38.8		65.5	37	2.1
	81.0	22.5	44.5		58.0	22	1.5
XA(T)100/40C	134.9	37.5	39.5	1450	66.5	30	1.8
	161.9	45.0	35.0		64.0	30	2.1
	77.6	21.6	40.6		57.5	18.5	1.5
XA(T)100/40D	129.4	35.9	35.9	1450	65.0	22	1.8
	155.3	43.1	31.7		62.5	30	2.1
	74.3	20.6	37.5		56.0	18.5	1.5
XA(T)100/40E	123.8	34.4	32.9	1450	64.0	22	1.8
	148.6	41.3	28.8		61.0	22	2.1
	71.0	19.7	34.0		55.0	15	1.5
XA(T)100/40F	118.3	32.9	29.8	1450	63.0	18.5	1.8
	142.0	39.4	25.8		59.0	22	2.1
	114.5	31.8	15.0		62.0	11	1.3
XA(T)125/20	190.8	53.0	13.3	1450	79.0	11	1.7
	229.0	63.6	11.7		78.5	11	1.9
	109.7	30.5	13.3		61.0	11	1.3
XA(T)125/20A	182.8	50.8	11.5	1450	77.0	11	1.7
	219.3	60.9	9.9		76.0	11	1.9
	104.3	29.0	11.7		59.0	7.5	1.3
XA(T)125/20B	173.9	48.3	9.7	1450	75.0	7.5	1.7
	208.6	58.0	8.1		72.0	7.5	1.9
	99.0	27.5	10.2		58.0	7.5	1.3
XA(T)125/20C	164.9	45.8	8.0	1450	70.0	7.5	1.7
	197.9	55.0	6.3		66.0	7.5	1.9

Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA(T)125/26	144.0	40.0	24.0	1450	71.0	22	18.5
	240.0	66.7	22.2		84.0	22	2.8
	268.0	80.0	20.5		83.5	22	5.3
XA(T)125/26A	139.1	38.6	21.9	1450	71.0	15	2.2
	228.0	64.4	20.1		83.5	22	2.8
XA(T)125/26B	133.6	37.1	18.3	1450	83.0	15	2.2
	222.7	61.9	20.0		70.0	15	2.2
XA(T)125/26C	128.2	35.6	18.3	1450	81.5	18.5	2.8
	213.6	59.3	16.4		70.0	11	2.2
XA(T)125/26D	122.7	34.1	16.6	1450	80.0	15	3.3
	204.6	56.8	14.4		80.0	15	2.8
XA(T)125/26E	117.3	32.6	14.9	1450	68.0	11	2.2
	195.5	54.3	12.7		78.0	11	2.8
XA(T)125/26F	123.6	51.8	11.0	1450	73.0	15	3.3
	211.8	31.1	13.3		67.0	7.5	2.2
XA(T)125/32	223.6	62.1	9.0	1450	75.0	11	2.8
	202.1	33.4	35.0		65.0	22	1.7
XA(T)125/32A	200.2	55.6	32.7	1450	79.5	30	2.2
	240.2	66.7	30.8				



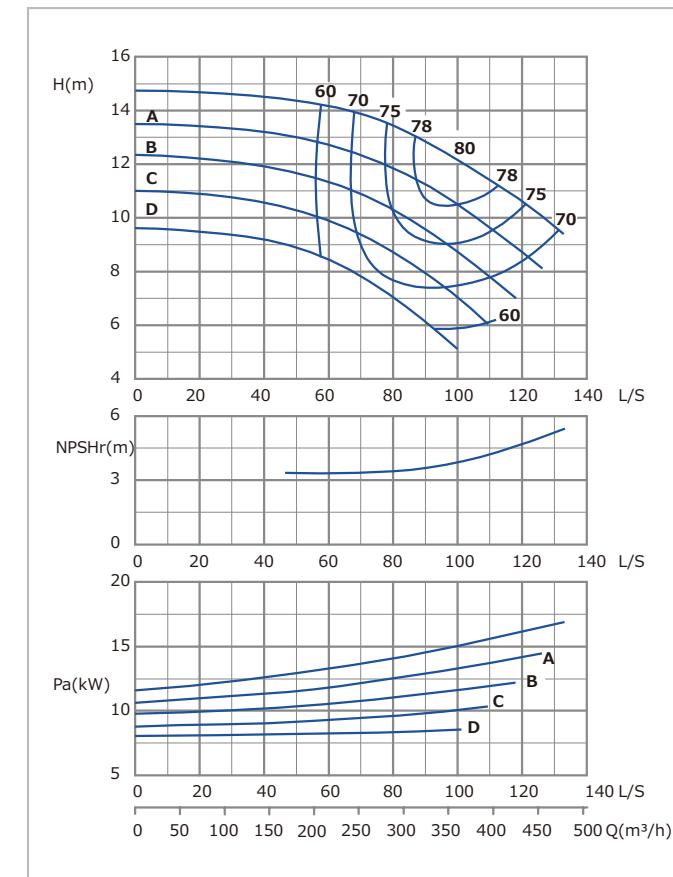
— YOUTH AQUA —

XA(T)125/50-1450r/min Performance curve



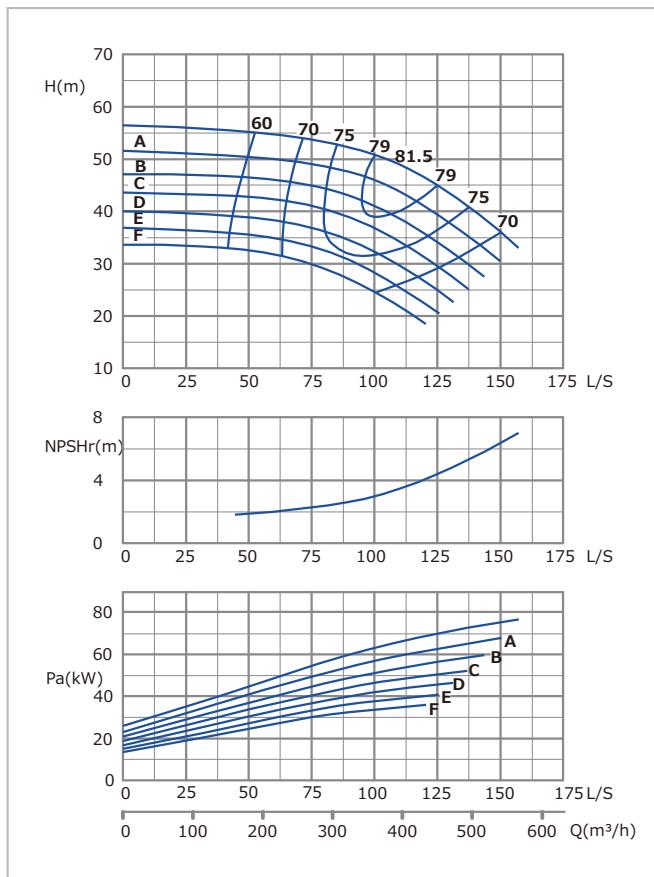
END SUCTION PUMP

XA(T)150/20-1450r/min Performance curve



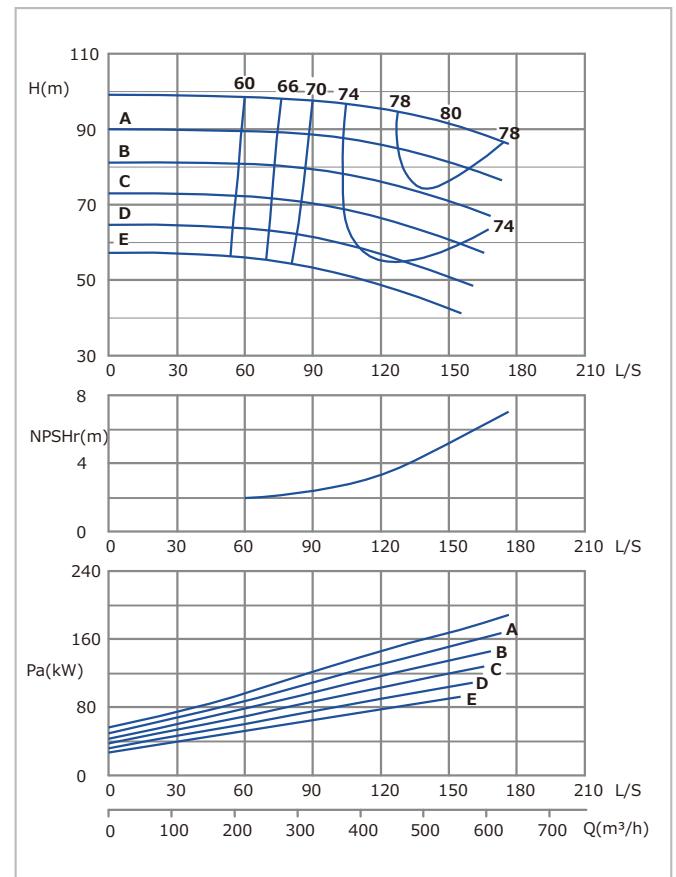
— YOUTH AQUA —

XA(T)150/40-1450r/min Performance curve

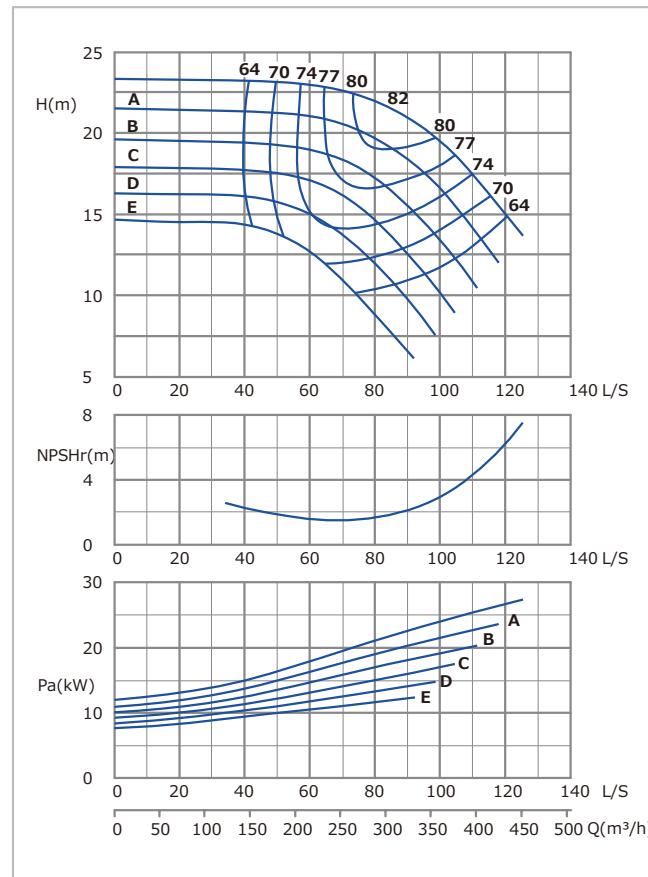


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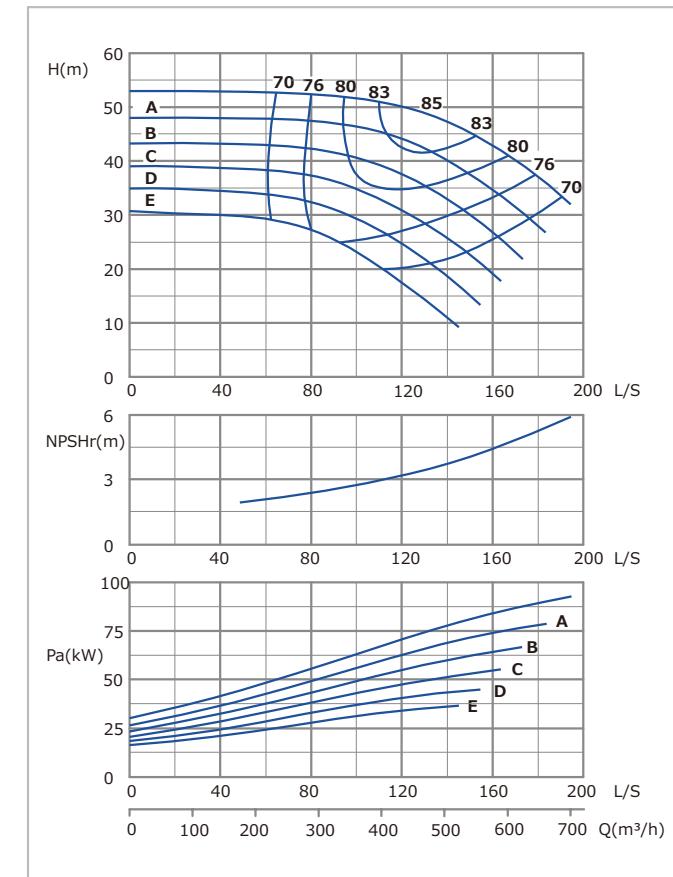
XA150/50-1450r/min Performance curve



XA(T)150/26-1450r/min Performance curve



XA(T)150/32-1450r/min Performance curve

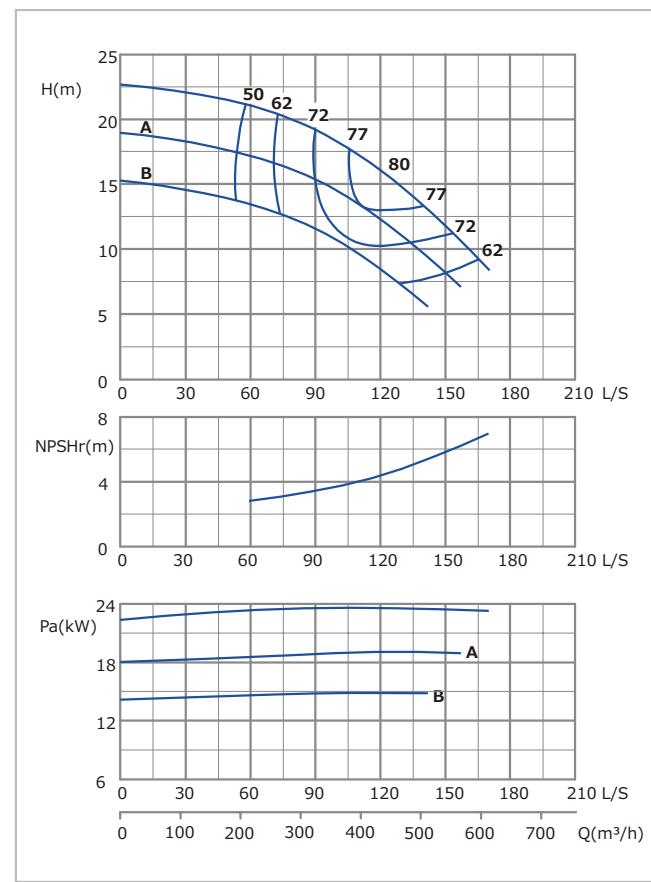


Model	Capacity m³/h L/S	Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
XA(T)125/50	172.8 48.0	95.1	1450	59.0	90	2.0
	288.0 80.0	93.8		71.0	132	2.6
	345.6 96.0	91.0		72.5	160	3.9
XA(T)125/50A	164.6 45.7	86.7	1450	59.0	75	2.0
	274.3 76.2	85.5		70.5	110	2.6
	329.1 91.4	83.1		72.5	132	3.9
XA(T)125/50B	156.3 43.4	78.1	1450	58.5	75	2.0
	260.6 72.4	76.8		70.0	90	2.6
	312.7 86.9	74.6		72.0	110	3.9
XA(T)125/50C	148.1 41.1	69.9	1450	58.0	55	2.0
	246.9 68.6	68.5		69.0	75	2.6
	296.2 82.3	66.6		72.0	90	3.9
XA(T)125/50D	139.9 38.9	61.9	1450	57.0	55	2.0
	233.1 64.8	60.7		68.5	75	2.6
	279.8 77.7	59.0		71.5	75	3.9
XA(T)125/50E	131.7 36.6	54.2	1450	57.0	45	2.0
	219.4 61.0	52.8		67.0	55	2.6
	263.3 73.1	51.4		71.0	75	3.9
XA(T)150/20	216.0 60.0	14.1	1450	62.0	18.5	3.0
	360.0 100.0	12.2		80.0	18.5	3.5
	432.0 120.0	10.6		75.5	18.5	4.0
XA(T)150/20A	206.9 57.5	12.8	1450	61.0	15	3.0
	344.9 95.8	10.8		78.0	15	3.5
	413.8 115.0	9.2		73.0	18.5	4.0
XA(T)150/20B	196.8 54.7	11.5	1450	59.0	15	3.0
	328.0 91.1	9.5		75.5	15	3.5
	393.6 109.3	7.8		70.0	15	4.0
XA(T)150/20C	186.7 51.9	10.2	1450	57.0	11	3.0
	311.2 86.4	8.2		71.0	15	3.5
	373.5 103.7	6.6		65.0	15	4.0
XA(T)150/20D	176.6 49.1	8.9	1450	53.0	11	3.0
	294.4 81.8	6.9		66.0	11	3.5
	353.3 98.1	5.3		59.0	11	4.0
XA(T)150/26	194.4 54.0	23.1	1450	72.0	22	1.7
	324.0 90.0	21.0		81.5	30	2.1
	388.8 108.0	17.9		75.0	30	4.0
XA(T)150/26A	187.8 52.2	21.2	1450	72.0	18.5	1.7
	313.0 86.9	18.9		79.0	30	2.1
	375.5 104.3	15.6		72.0	30	4.0
XA(T)150/26B	180.4 50.1	19.3	1450	71.0	18.5	1.7
	300.7 83.5	16.7		77.0	22	2.1
	360.8 100.2	13.4		68.0	22	4.0
XA(T)150/26C	173.0 48.1	17.6	1450	70.0	15	1.7
	288.4 80.1	14.7		74.5	18.5	2.1
	346.1 96.1	11.2		64.0	18.5	4.0
XA(T)150/26D	165.7 46.0	15.9	1450	67.0	15	1.7
	276.1 76.7	12.6		72.0	18.5	2.1
	331.4 92.0	9.3		59.0	18.5	4.0
XA(T)150/26E	158.3 44.0	14.2	1450	65.0	11	1.7
	263.9 73.3	10.3		64.0	15	2.1
	316.6 88.0	7.1		51.0	15	4.0
XA150/50	289.4 80.4	98.0	1450	67.0	132	2.2
	482.4 134.0	93.8		78.5	200	4.1
	578.9 160.8	89.5		79.0	200	6.0
XA150/50A	459.4 127.6	84.8	1450	78.0	160	4.1
	551.3 153.1	80.5		78.0	160	6.0
	275.7 76.6	88.9		66.5	132	2.2
XA150/50B	436.5 121.2	75.8	1450	76.0	160	4.1
	523.7 145.5	71.7		76.0	160	6.0
	248.1 68.9	72.0		65.0	90	2.2
XA150/50C	413.5 114.9	67.3	1450	75.0	132	4.1
	496.2 106.3	63.2		75.0	132	6.0
	234.3 65.1	63.4		64.0	75	2.2
XA150/50D	390.5 108.5	58.9	1450	74.0	110	4.1
	468.6 130.2	55.0		74.0	110	6.0
	220.5 61.3	55.8		63.0	75	2.2
XA150/50E	367.5 102.1	51.8	1450	72.0	90	4.1
	441.1 122.5	48.4		73.0	90	6.0



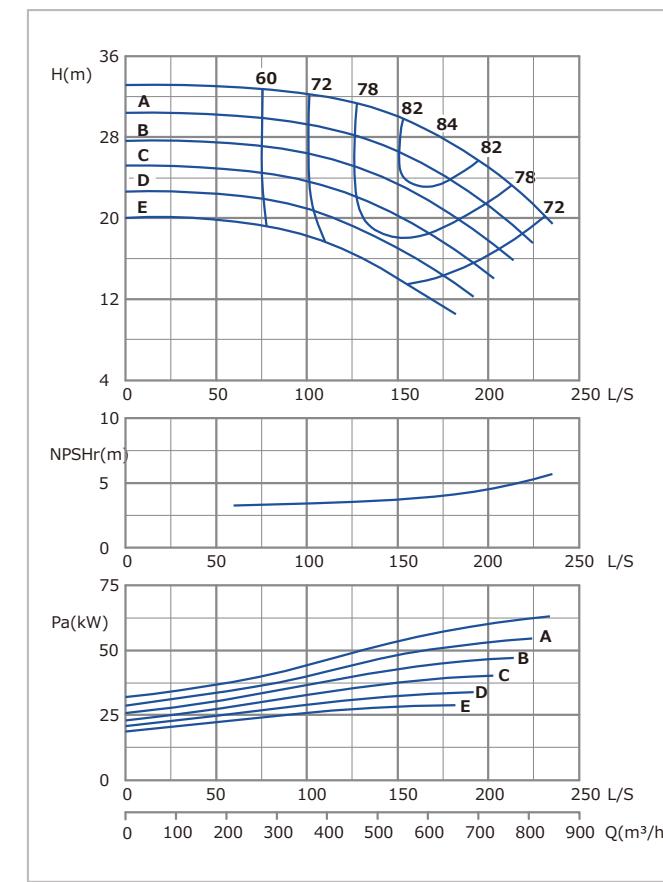
— YOUTH AQUA —

XA 200/26-1450r/min Performance curve



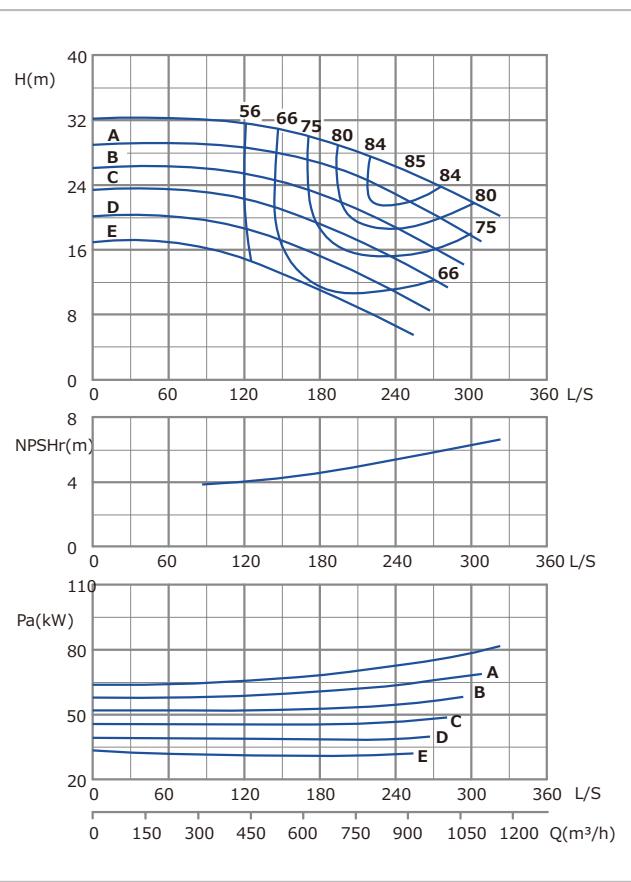
END SUCTION PUMP

XA 200/32-1450r/min Performance curve



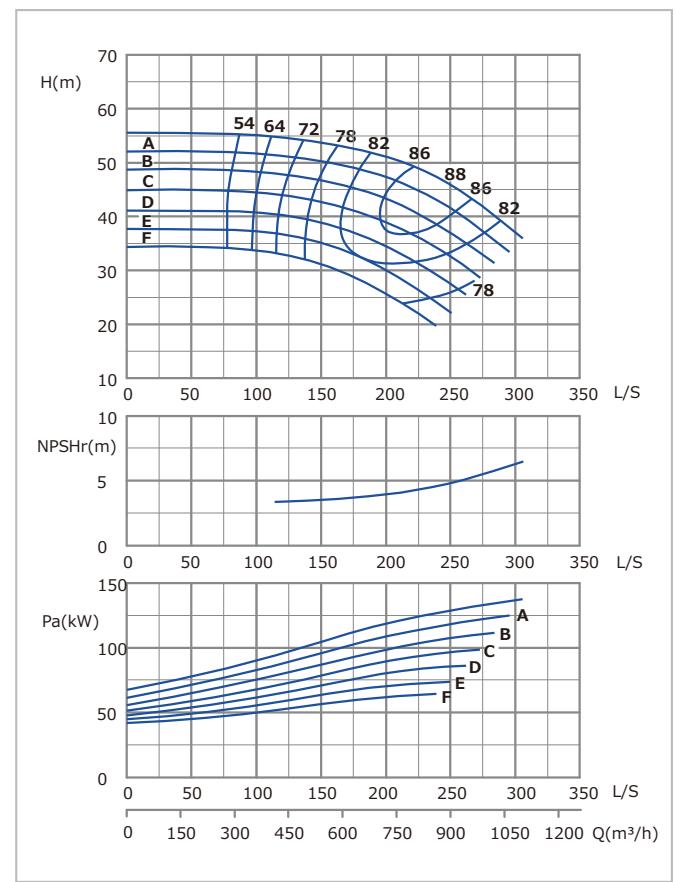
— YOUTH AQUA —

XA 250/32-1450r/min Performance curve

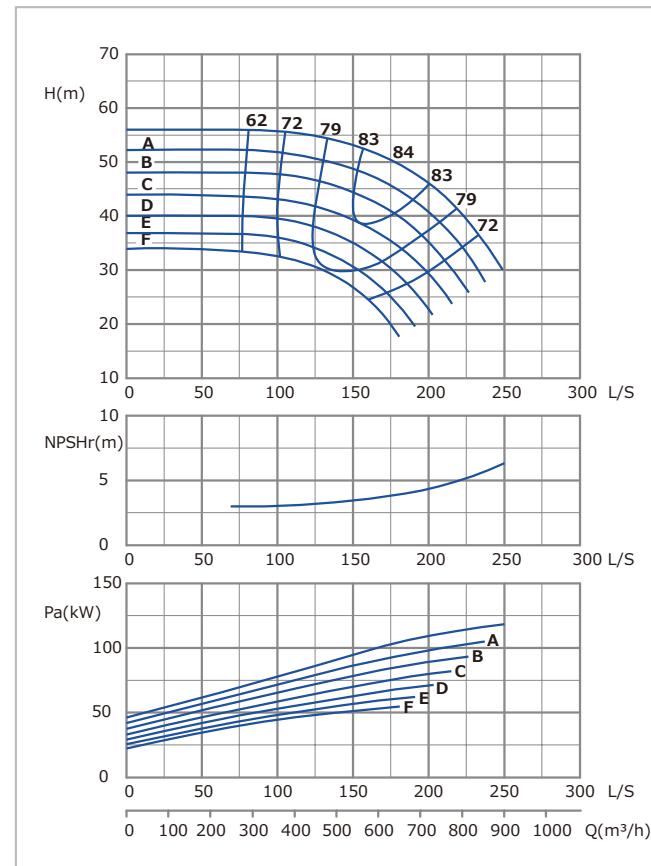


END SUCTION PUMP

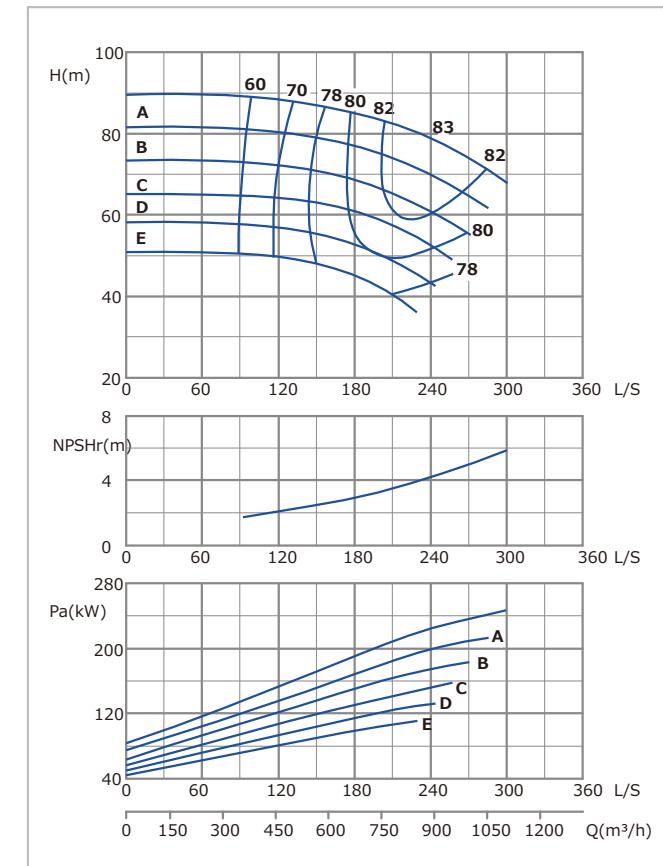
XA 250/40-1450r/min Performance curve



XA 200/40-1450r/min Performance curve



XA 200/50-1450r/min Performance curve



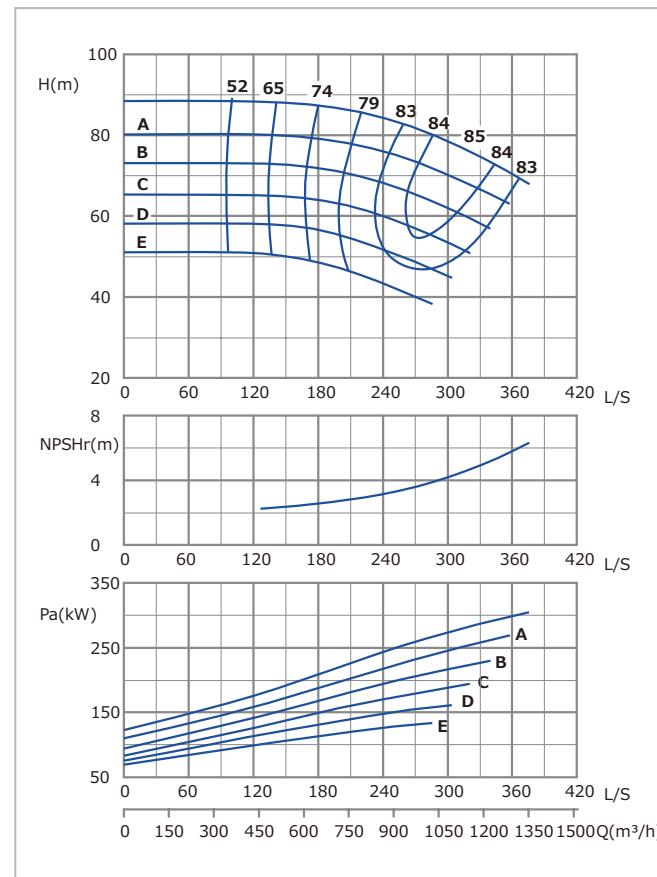
Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA200/26	259.2	72.0	20.4	1450	62.0	30	3.0
	432.0	120.0	16.1		80.0	30	4.5
	518.4	144.0	12.8		76.0	30	5.5
XA200/26A	243.0	67.5	16.8	1450	60.0	22	3.0
	405.0	112.5	13.2		76.0	22	4.5
	486.0	135.0	10.4		71.0	22	5.5
XA200/26B	229.5	63.8	13.3	1450	57.0	18.5	3.0
	382.5	106.3	10.1		70.0	18.5	4.5
	459.0	127.5	7.5		62.0	18.5	5.5
XA200/32	378.0	105.0	32.1	1450	73.0	55	3.5
	630.0	175.0	27.9		84.0	75	4.0
	756.0	210.0	23.6		78.5	75	4.7
XA200/32A	361.9	100.5	29.2	1450	72.0	45	3.5
	603.2	167.6	25.0		82.0	55	4.0
	723.8	201.1	21.0		77.0	55	4.7
XA200/32B	344.7	95.7	26.7	1450	69.0	45	3.5
	574.5	159.6	23.2		81.0	55	4.0
	689.4	191.5	20.0		78.5	55	4.7
XA200/32C	327.4	91.0	24.0	1450	67.0	37	3.5
	545.7	151.6	20.1		79.0	45	4.0
	654.9	181.9	16.8		75.0	45	4.7
XA200/32D	310.2	86.2	21.5	1450	65.0	37	3.5
	517.0	143.6	17.7		76.0	37	4.0
	620.4	172.3	14.6		72.5	37	4.7
XA200/32E	293.0	81.4	19.0	1450	62.0	30	3.5
	488.3	135.6	15.6		73.0	37	4.0
	586.0	162.8	12.7		70.0	37	4.7
XA200/40	391.0	108.6	55.5	1450	73.0	90	3.1
	651.6	181.0	49.5		84.0	132	3.9
	781.9	217.2	41.8		79.0	132	4.9
XA200/40A	377.6	104.9	51.7	1450	72.0	90	3.1
	629.3	174.8	45.7		83.0	110	3.9
	755.2	209.8	38.2		77.0	110	4.9
XA200/40B	363.2	100.9	47.7	1450	71.0	75	3.1
	605.4	168.2	42.0		83.0	110	3.9
	726.5	201.8	34.7		76.5	110	4.9
XA200/40C	348.9	96.9	43.3	1450	70.0	75	3.1
	581.5	161.5	37.7		82.0	90	3.9
	697.8	193.8	31.0		75.0	90	4.9
XA200/40D	334.6	92.9	39.7	1450	69.0	75	3.1
	557.6	154.9	34.3		80.0	75	3.9
	669.1	185.9	27.4		72.0	75	4.9
XA200/40E	320.2	89.0	36.4	1450	67.0	55	3.1
	533.7	148.3	31.0		79.5	75	3.9
	640.4	177.9	24.0		69.0	75	4.9
XA200/40F	305.9	85.0	33.4	1450	65.0	55	3.1
	509.8	141.6	28.2		76.0	75	3.9
	611.8	169.9	21.5		66.0	75	4.9

Model	Capacity		Head (m)	Speed (r/min)	Eff. (%)	Motor power (kW)	NPSHr (m)
	m³/h	L/S					
XA200/50	414.7	115.2	88.5	1450	65.0	200	2.0
	691.2	230.4	84.0		81.0	250	3.2
XA200/50A	395.0	109.7	80.7	1450	65.0	160	2.0
	658.3	182.9	76.6		80.5	200	3.2
XA200/50B	359.5	219.4	72.8	1450	64.0	132	2.0
	625.4	173.7	69.0		80.0	160	3.2
XA200/50C	355.5	98.7	64.6	1450	62.0	132	2.0
	592.5	164.6	62.0		80.0	160	3.2
XA200/50D	310.9	197.5	59.0	1450	81.0	160	4.0
	559.5	155.4	55.0		79.0	132	3.2
XA200/50E	316.0	87.8	50.5	1450	60.0	90	2.0
	526.6	146.3	48.3		77.0	110	3.2
XA250/32	632.0	175.5	45.7	1450	79.0	110	4.0
	493.1	137.0	31.2		62.0	75	4.2
XA250/32A	821.9	228.3	27.0	1450	84.0	90	5.2
	986.3	274.0	24.0		84.0	90	5.9
XA250/32B	472.1	131.2	28.4	1450	61.0	75	4.2
	786.9	218.6	24.5		8		



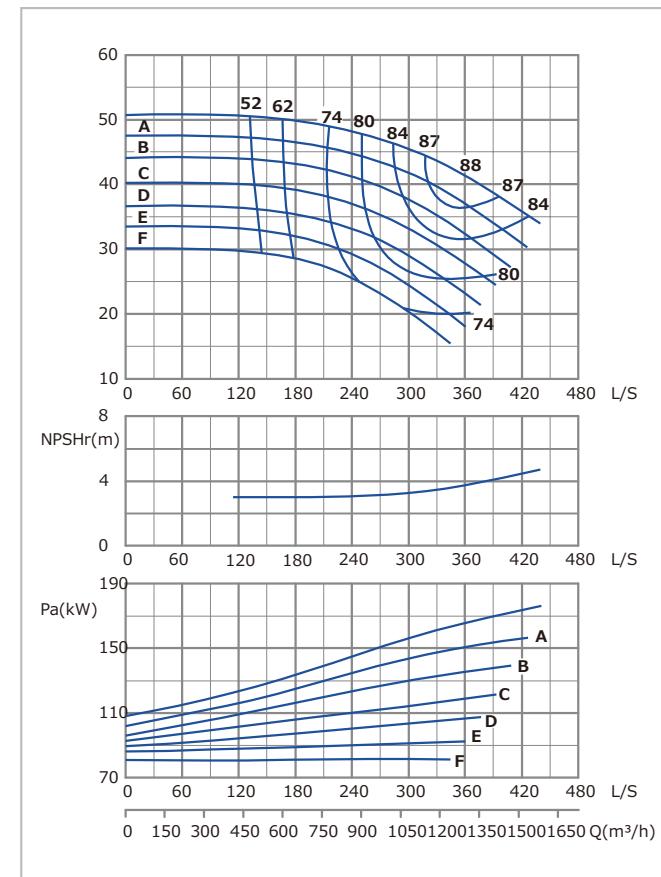
— YOUTH AQUA —

XA 250/50-1450r/min Performance curve



END SUCTION PUMP

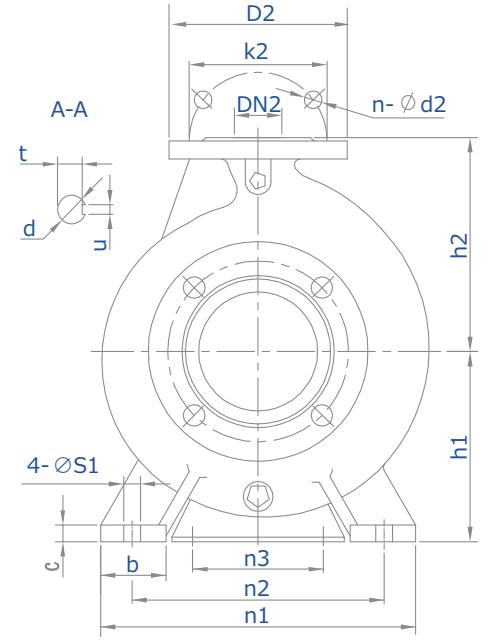
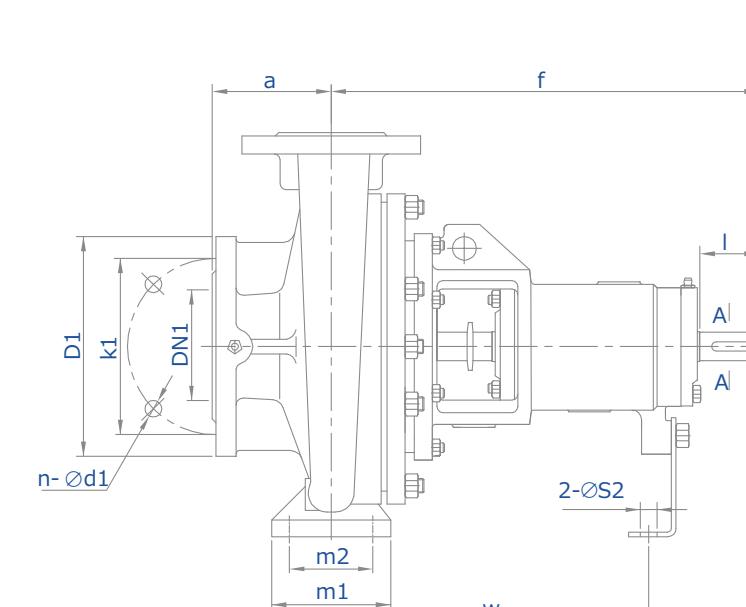
XA 300/40-1450r/min Performance curve



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END SUCTION PUMP

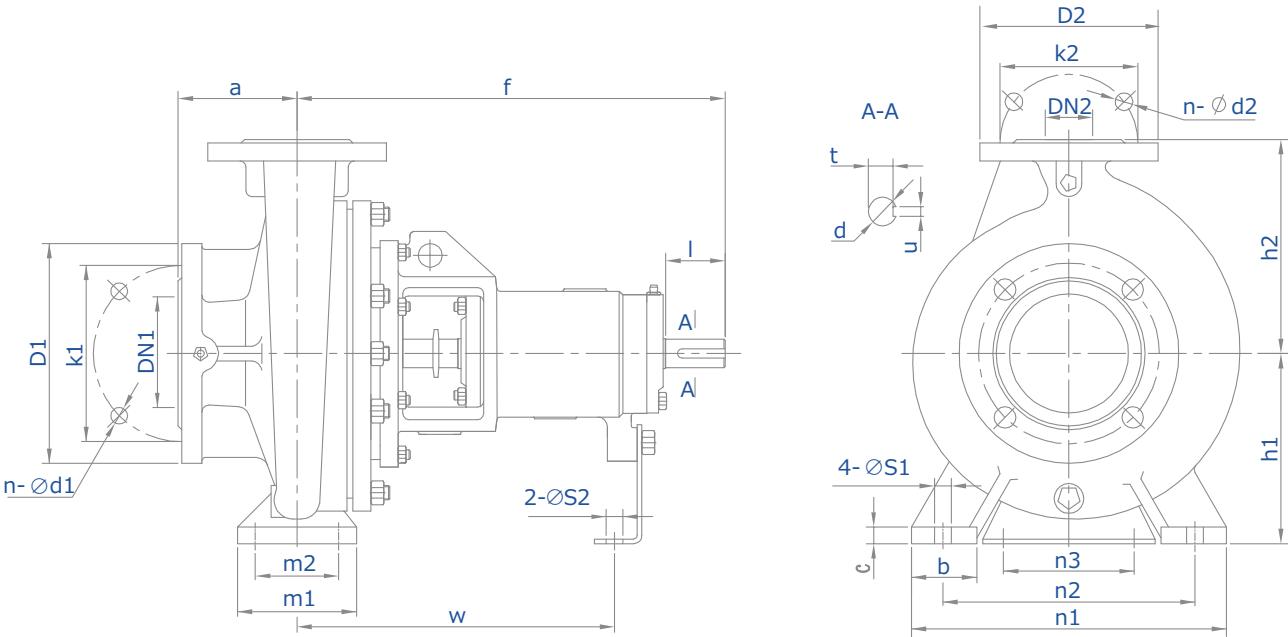
Dimensions of XA Series Bare Shaft Pump



Flange dimensions PN1.6 MPa

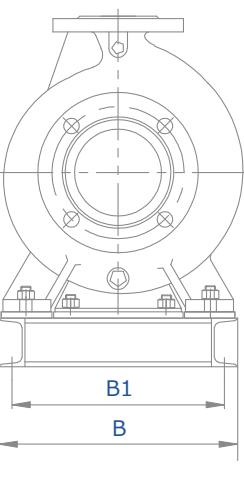
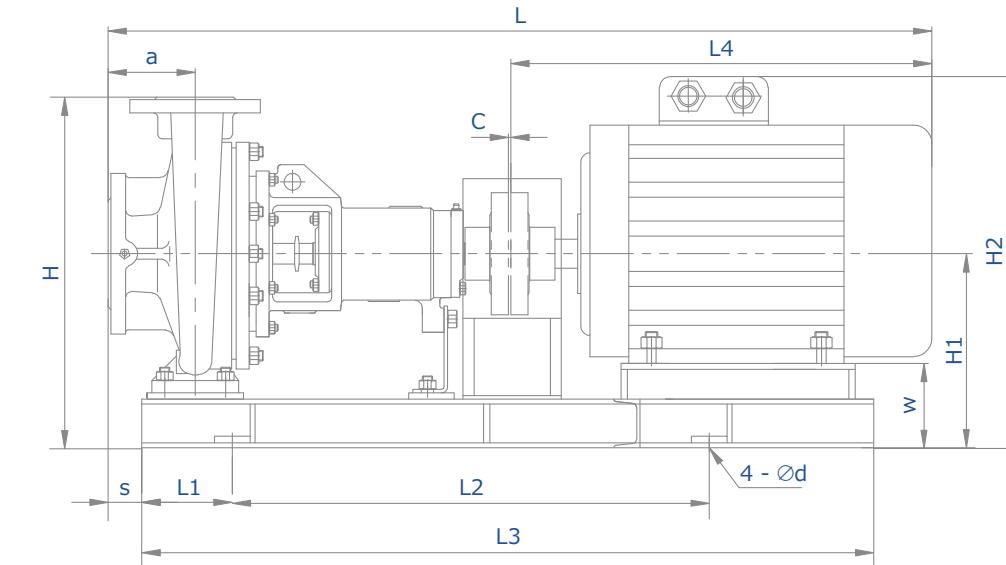
DN1/DN2	32	40	50	65	80	100	125	150	200	250	300	350	400
D1/D2	140	150	165	185	200	220	250	285	340	405	460	520	580
K1/K2	100	110	125	145	160	180	210	240	295	355	410	470	525
n-d1/ n-d2	4-φ18	4-φ18	4-φ18	4-φ18	8-φ18	8-φ18	8-φ18	8-φ22	12-φ22	12-φ26	12-φ26	16-φ26	16-φ30

Model	ID of bearing-DN2	Dis. DN2	Suc. DN1	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	S2	w	d	l	t	u	Weight kg
XA32/13	25	32	50	80	360	112	140	50	14	100	100	70	190	140	14	14	267	24	50	27	8	29
XA32/16	25	32	50	80	360	132	160	50	14	100	100	70	240	190	14	14	267	24	50	27	8	35
XA32/20	25	32	50	80	360	160	180	50	14	110	100	70	240	190	14	14	267	24	50	27	8	47
XA32/26	25	32	50	100	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8	58
XA40/13	25	40	65	80	360	112	140	50	14	100	100	70	210	160	14	14	267	24	50	27	8	31
XA40/16	25	40	65	80	360	132	160	50	14	100	100	70	240	190	14	14	267	24	50	27	8	34
XA40/20	25	40	65	100	360	160	180	50	14	110	100	70	265	212	14	14	267	24	50	27	8	45
XA40/26	25	40	65	100	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8	61
XA40/32	35	40	65	125	470	200	250	65	14	110	125	95	345	280	14	14	342	32	80	35	10	94
XA50/13	25	50	65	100	360	132	160	50	14	100	100	70	240	190	14	14	267	24	50	27	8	35
XA50/16	25	50	65	100	360	160	180	50	14	110	100	70	265	212	14	14	267	24	50	27	8	39
XA50/20	25	50	65	100	360	160	200	50	14	110	100	70	265	212	14	14	267	24	50	27	8	49
XA50/26	25	50	65	100	360	180	225	65	14	110	125	95	320	250	14	14	267	24	50	27	8	68
XA50/32	35	50	65	125																		

END SUCTION PUMP
Dimensions of XA Series Bare Shaft Pump


Flange dimensions PN1.6 MPa														
	DN1/DN2	32	40	50	65	80	100	125	150	200	250	300	350	400
D1/D2	140	150	165	185	200	220	250	285	340	405	460	520	580	
K1/K2	100	110	125	145	160	180	210	240	295	355	410	470	525	
n-d1/ n-d2	4-Ø18	4-Ø18	4-Ø18	4-Ø18	8-Ø18	8-Ø18	8-Ø18	8-Ø22	12-Ø22	12-Ø26	12-Ø26	16-Ø26	16-Ø30	

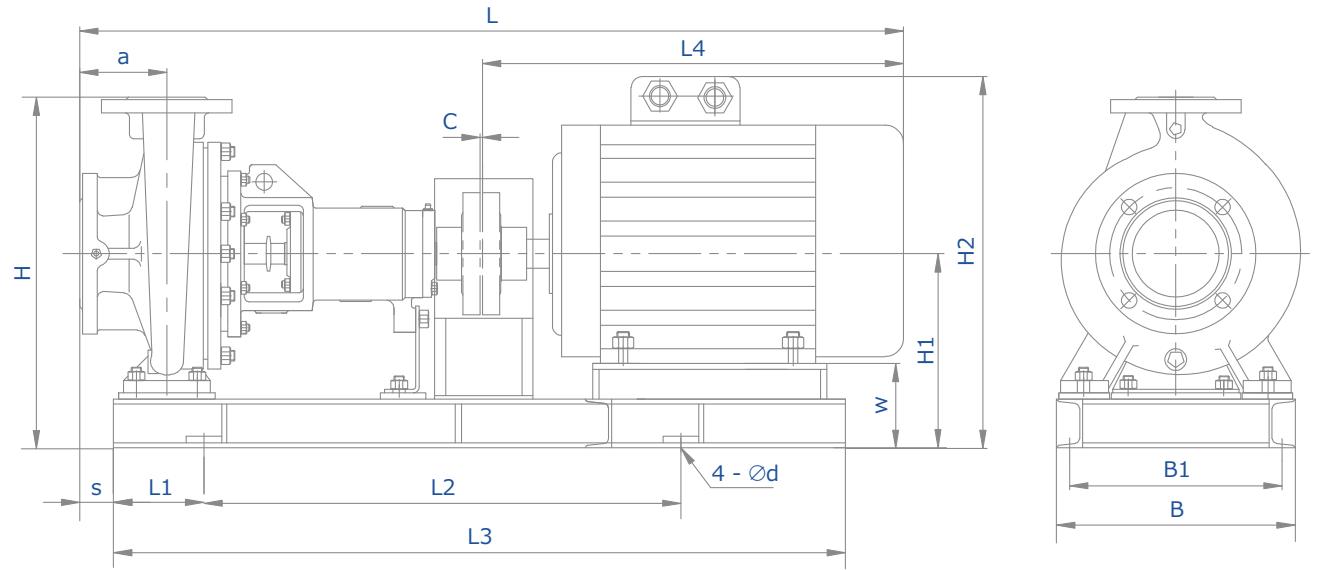
Model	ID of bearing	Dis.	Suc.	a	f	h1	h2	b	c	n3	m1	m2	n1	n2	S1	S2	w	d	l	t	u	Weight	
																						kg	
XA100/16	35	100	125	125	470	200	250	80	15	110	160	120	360	280	18	14	342	32	80	35	10	87	
XA100/20	35	100	125	125	470	200	280	80	16	110	160	120	360	280	18	14	342	32	80	35	10	94	
XA100/26	35	100	125	140	470	225	280	80	16	110	160	120	400	315	18	14	342	32	80	35	10	102	
XA100/32	35	100	125	140	470	250	315	80	16	110	160	120	400	315	18	14	342	32	80	35	10	118	
XA100/40	45	100	125	140	530	280	355	100	20	110	200	150	500	400	23	14	370	42	110	45	12	176	
XA125/20	35	125	150	140	470	250	315	80	16	110	160	120	400	315	18	14	342	32	80	35	10	112	
XA125/26	35	125	150	140	470	250	355	80	16	110	160	120	400	315	18	14	342	32	80	35	10	117	
XA125/32	45	125	150	140	470	280	355	100	18	110	200	150	500	400	23	14	370	42	110	45	12	155	
XA125/40	45	125	150	160	530	315	400	100	18	110	200	150	500	400	23	14	370	42	110	45	12	178	
XA125/50	55	125	150	160	670	355	450	100	25	110	200	150	550	450	23	14	500	48	110	51	14	300	
XA150/20	35	150	200	160	500	280	400	100	18	110	200	150	400	315	23	14	342	32	80	35	10	132	
XA150/26	45	150	200	160	530	250	355	100	18	110	200	150	450	350	23	14	370	42	110	45	12	163	
XA150/32	45	150	200	160	530	280	400	100	18	110	200	150	550	450	23	14	370	42	110	45	12	170	
XA150/40	45	150	200	160	530	315	450	100	18	110	200	150	550	450	23	14	370	42	110	45	12	207	
XA150/50	55	150	200	180	670	375	500	100	22	110	200	150	550	450	23	14	500	48	110	51	14	330	
XA200/26	45	200	250	180	555	315	450	100	20	110	200	150	550	450	28	14	392	42	110	45	12	219	
XA200/32	55	200	250	180	670	315	480	120	20	110	220	170	600	480	28	14	505	48	110	51	14	286	
XA200/40	55	200	250	180	670	335	480	120	20	110	250	170	600	480	28	14	505	48	110	51	14	328	
XA200/50	65	200	250	200	720	425	560	100	22	140	200	150	660	560	23	19	515	60	140	64	18	450	
XA250/32	55	250	300	220	691	355	520	150	26	110	250	200	660	510	28	14	525	48	110	51	14	366	
XA250/40	55	250	300	220	682	400	560	150	26	110	250	200	660	510	28	14	516	48	110	51	14	396	
XA250/50	65	250	300	250	720	450	670	120	32	140	240	190	750	650	23	19	515	60	140	64	18	550	
XA300/40	65	300	350	300	720	425	670	120	30	140	250	190	760	660	30	19	515	60	140	64	18	580	

END SUCTION PUMP
Dimensions of XA Series Long Coupled Pump with Motor


Model	Motor(B3)										Dimensions (mm)										Weight
	Frame size	Power kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	kg			
XA32/13-4KW/2	112M-2	4	80	312	4	400	172	360	844	80	560	750</									

END SUCTION PUMP

Dimensions of XA Series Long Coupled Pump with Motor



Model	Motor(B3)		Dimensions (mm)													Weight kg		
	Frame size	Power kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	
XA32/26-3KW/4	100L2-4	3	100	478	4	385	253	423	849	70	630	800	32.5	73	387	420	18	123
XA32/26-2.2KW/4	100L1-4	2.2	100	478	4	385	253	423	849	70	630	800	32.5	73	387	420	18	120
XA32/26-1.5KW/4	90L4	1.5	100	478	4	345	253	413	809	70	630	800	32.5	73	387	420	18	112
XA40/13-7.5KW/2	132S2-2	7.5	80	345	4	470	205	418	914	70	630	800	25	73	317	350	18	132
XA40/13-5.5KW/2	132S1-2	5.5	80	345	4	470	205	418	914	70	630	800	25	73	317	350	18	128
XA40/13-4KW/2	112M-2	4	80	312	4	400	172	360	844	80	560	750	25	60	294	330	16	95
XA40/13-3KW/2	100L-2	3	80	312	4	385	172	342	829	80	560	750	25	60	244	280	16	93
XA40/13-2.2KW/2	90L-2	2.2	80	312	4	345	172	332	789	80	560	750	25	60	244	280	16	75
XA40/13-1.5KW/2	90S-2	1.5	80	312	4	320	172	332	764	80	560	750	25	60	244	280	16	71
XA40/13-1.1KW/4	90S-4	1.1	80	312	4	320	172	332	764	80	560	750	25	60	244	280	16	72
XA40/13-0.75KW/4	80Z-4	0.75	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	67
XA40/13-0.55KW/4	80Z-4	0.55	80	312	4	295	172	312	739	80	560	750	25	60	244	280	16	66
XA40/16-11KW/2	160M1-2	11	80	393	4	605	233	473	1049	70	780	1000	25	73	387	420	18	182
XA40/16-7.5KW/2	132S2-2	7.5	80	365	4	470	205	418	914	70	630	800	25	73	317	350	18	134
XA40/16-5.5KW/2	132S1-2	5.5	80	365	4	470	205	418	914	70	630	800	25	73	317	350	18	130
XA40/16-4KW/2	112M-2	4	80	352	4	400	192	380	844	80	560	750	25	60	294	330	16	98
XA40/16-3KW/2	100L-2	3	80	352	4	385	192	362	829	80	560	750	25	60	294	330	16	99
XA40/16-1.5KW/4	90L-4	1.5	80	352	4	345	192	352	789	80	560	750	25	60	294	330	16	81
XA40/16-1.1KW/4	90S-4	1.1	80	352	4	320	192	352	764	80	560	750	25	60	294	330	16	77
XA40/16-0.75KW/4	80Z-4	0.75	80	352	4	295	192	332	739	80	560	750	25	60	294	330	16	72
XA40/16-0.55KW/4	80Z-4	0.55	80	352	4	295	192	332	739	80	560	750	25	60	294	330	16	71
XA40/20-18.5KW/2	160L-2	18.5	100	413	4	660	233	473	1124	70	780	1000	32.5	73	387	420	18	216
XA40/20-15KW/2	160M2-2	15	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	192
XA40/20-11KW/2	160M1-2	11	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	191
XA40/20-7.5KW/2	132S2-2	7.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	146
XA40/20-5.5KW/2	132S1-2	5.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	142
XA40/20-3KW/4	100L2-4	3	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	104
XA40/20-2.2KW/4	100L1-4	2.2	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	101
XA40/20-1.5KW/4	90L-4	1.5	100	400	4	345	220	380	809	80	560	750	32.5	60	294	330	16	93
XA40/20-1.1KW/4	90S-4	1.1	100	400	4	320	220	380	784	80	560	750	32.5	60	294	330	16	89
XA40/20-0.75KW/4	80Z-4	0.75	100	400	4	295	220	360	759	80	560	750	32.5	60	294	330	16	84
XA40/26-37KW/2	200L2-2	37	100	515	4	765	290	590	1229	85	750	1100	34.5	90	417	460	18	353
XA40/26-30KW/2	200L1-2	30	100	515	4	765	290	590	1229	85	750	1100	34.5	90	417	460	18	353

END SUCTION PUMP

Model	Motor(B3)		Dimensions (mm)													Weight kg		
	Frame size	Power kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	
XA40/26-22KW/2	180M-2	22	100	478	4	690	253	513	1154	70	780	1000	34.5	73	387	420	18	262
XA40/26-18.5KW/2	160L-2	18.5	100	478	4	660	253	493	1124	70	780	1000	34.5	73	387	420	18	232
XA40/26-15KW/2	160M2-2	15	100	478	4	605	253	493	1069	70	780	1000	34.5	73	387	420	18	209
XA40/26-11KW/2	160M1-2	11	100	478	4	605	253	493	1069	70	780							

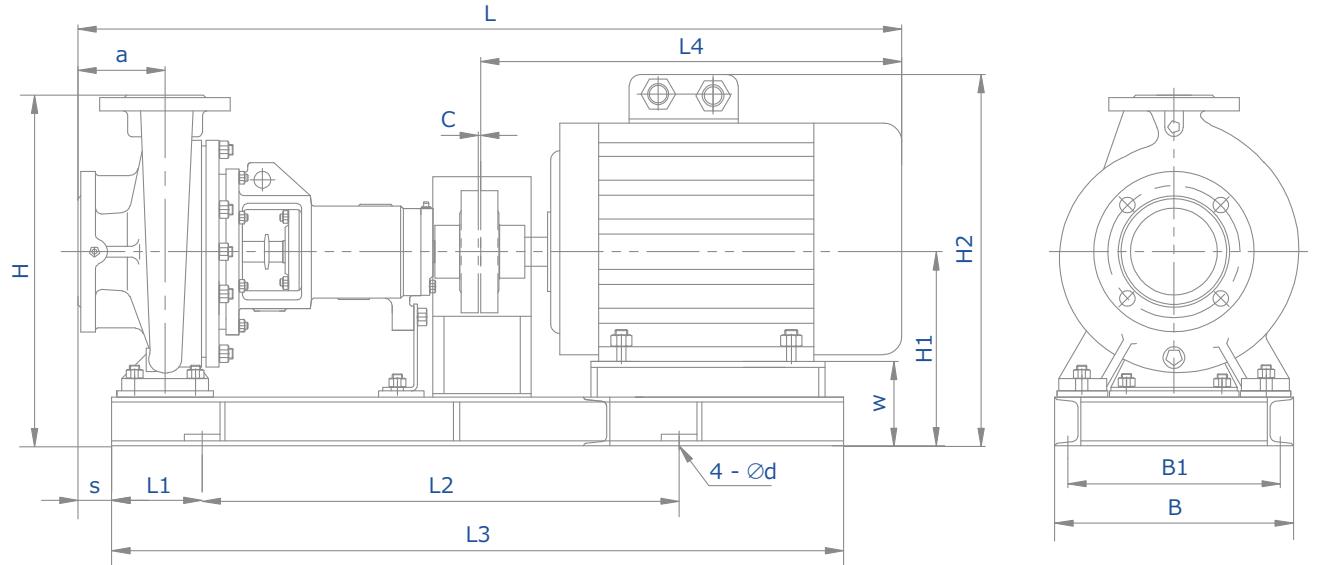


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END SUCTION PUMP

Dimensions of XA Series Long Coupled Pump with Motor



Model	Motor(B3)		Dimensions (mm)													Weight kg		
	Frame size	Power kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	
XA50/26-4KW/4	112M-4	4	100	478	4	400	253	441	864	70	630	800	35.5	73	387	420	18	143
XA50/26-3KW/4	100L2-4	3	100	478	4	385	253	423	849	70	630	800	35.5	73	387	420	18	138
XA50/32G-75KW/2	280S-2	75	125	655	6	980	375	755	1637	100	1070	1450	57.5	95	557	600	18	689
XA50/32G-55KW/2	250M-2	55	125	620	4	910	340	705	1565	110	960	1450	57.5	90	507	550	18	570
XA50/32G-45KW/2	225M-2	45	125	595	4	805	315	640	1460	110	900	1300	57.5	90	457	500	18	457
XA50/32G-37KW/2	200L2-2	37	125	595	4	765	315	615	1420	85	880	1200	57.5	90	417	460	18	398
XA50/32G-30KW/2	200L1-2	30	125	595	4	765	315	615	1420	85	880	1200	57.5	90	417	460	18	388
XA50/32H-75KW/2	280S-2	75	125	655	6	980	375	755	1581	100	1070	1450	57.5	95	557	600	18	684
XA50/32H-55KW/2	250M-2	55	125	620	4	910	340	705	1509	110	950	1300	57.5	90	507	550	18	562
XA50/32H-45KW/2	225M-2	45	125	595	4	805	315	640	1404	85	860	1200	57.5	90	457	500	18	450
XA50/32H-37KW/2	200L2-2	37	125	595	4	765	315	615	1364	85	830	1200	57.5	90	417	460	18	393
XA50/32H-30KW/2	200L1-2	30	125	595	4	765	315	615	1364	85	830	1200	57.5	90	417	460	18	383
XA50/32-18.5KW/4	180M-4	18.5	125	578	4	690	298	558	1289	80	890	1100	57.5	73	387	420	18	306
XA50/32-15KW/4	160L-4	15	125	578	4	660	298	538	1259	80	890	1100	57.5	73	387	420	18	271
XA50/32-11KW/4	160M-4	11	125	578	4	605	298	538	1204	80	890	1100	57.5	73	387	420	18	250
XA50/32-7.5KW/4	132M-4	7.5	125	578	4	510	298	511	1109	80	800	1000	57.5	73	387	420	18	217
XA50/32-5.5KW/4	132S-4	5.5	125	578	4	470	298	511	1069	80	800	1000	57.5	73	387	420	18	204
XA65/13-15KW/2	160M2-2	15	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	188
XA65/13-11KW/2	160M1-2	11	100	413	4	605	233	473	1069	70	780	1000	32.5	73	387	420	18	187
XA65/13-7.5KW/2	132S2-2	7.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	142
XA65/13-5.5KW/2	132S1-2	5.5	100	413	4	470	233	446	934	70	630	800	32.5	73	317	350	18	138
XA65/13-2.2KW/4	100L1-4	2.2	100	400	4	385	220	390	849	80	560	750	32.5	60	294	330	16	96
XA65/13-1.5KW/4	90L-4	1.5	100	400	4	345	220	380	809	80	560	750	32.5	60	294	330	16	89
XA65/13-1.1KW/4	90S-4	1.1	100	400	4	320	220	380	784	80	560	750	32.5	60	294	330	16	85
XA65/13-0.75KW/4	802-4	0.75	100	400	4	295	220	360	759	80	560	750	32.5	60	294	330	16	80
XA65/16-30KW/2	200L1-2	30	100	490	4	765	290	590	1229	85	750	1100	20	90	417	460	18	331
XA65/16-22KW/2	180M-2	22	100	453	4	690	253	513	1154	70	780	1000	20	73	387	420	18	249
XA65/16-18.5KW/2	160L-2	18.5	100	433	4	660	233	473	1124	70	780	1000	20	73	387	420	18	218
XA65/16-15KW/2	160M2-2	15	100	433	4	605	233	473	1069	70	780	1000	20	73	387	420	18	194
XA65/16-11KW/2	160M1-2	11	100	433	4	605	233	473	1069	70	780	1000	20	73	387	420	18	193
XA65/16-7.5KW/2	132S2-2	7.5	100	433	4	470	233	446	934	70	630	800	20	73	317	350	18	148
XA65/16-5.5KW/2	132S1-2	5.5	100	433	4	470	233	446	934	70	630	800	20	73	317	350	18	144
XA65/16-4KW/4	112M-4	4	100	420	4	400	220	408	864	80	560	750	32.5	60	294	330	16	116



XA

— YOUTH AQUA —

END SUCTION PUMP

Model	Motor(B3)		Dimensions (mm)													Weight kg		
	Frame size	Power kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	
XA65/16-3KW/4	100L2-4	3	100	420	4	385	220	390	849	80	560	750	32.5	60	294	330	16	105
XA65/16-2.2KW/4	100L1-4	2.2	100	420	4	385	220	390	849	80	560	750	32.5	60	294	330	16	102
XA65/16-1.5KW/4	90L-4	1.5	100	420	4	345	220	380	809	80	560	750	32.5	60	294	330	16	95
XA65/16-1.1KW/4	90S-4	1																

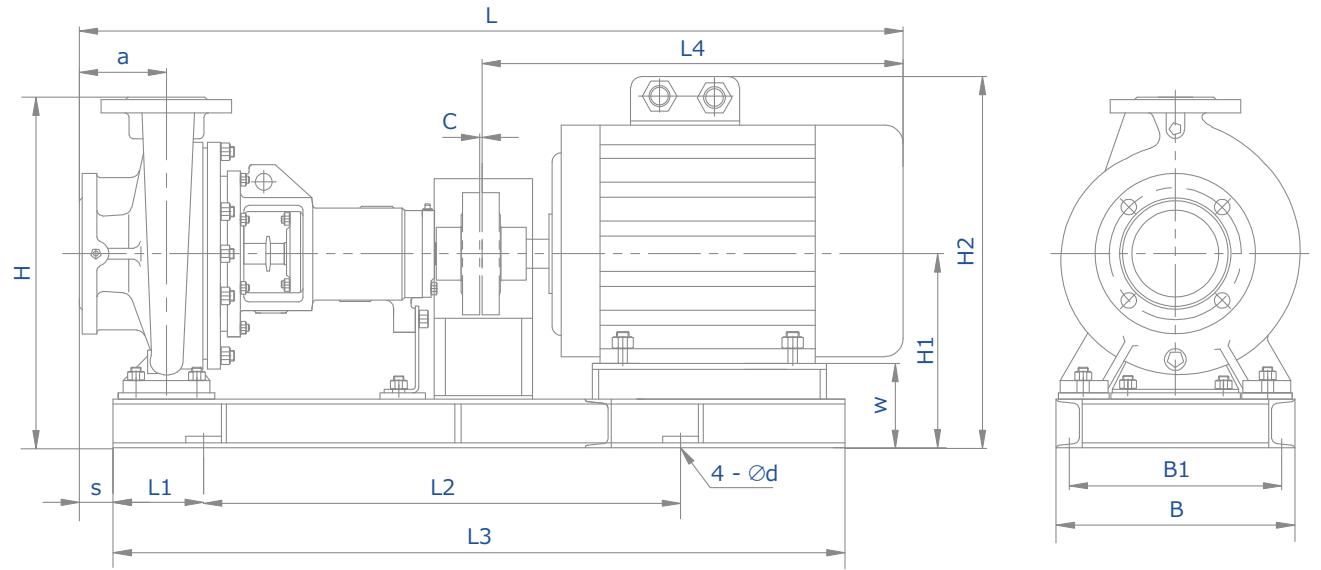


— YOUTH AQUA —

XA

END SUCTION PUMP

Dimensions of XA Series Long Coupled Pump with Motor



Model	Dimensions (mm)													Weight				
	Frame size	Power kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	
XA80/26-90KW/2	280M-2	90	125	655	6	1030	375	755	1631	100	1070	1450	40	95	557	600	18	738
XA80/26-75KW/2	280S-2	75	125	655	6	980	375	755	1581	100	1070	1450	40	95	557	600	18	682
XA80/26-55KW/2	250M-2	55	125	620	4	910	340	705	1509	110	950	1300	40	90	507	550	18	561
XA80/26-45KW/2	225M-2	45	125	595	4	805	315	640	1404	85	860	1200	40	90	457	500	18	448
XA80/26-37KW/2	200L2-2	37	125	570	4	765	290	590	1364	85	860	1200	40	90	417	460	18	388
XA80/26-18.5KW/4	180M-4	18.5	125	553	4	690	273	533	1289	80	890	1100	40	73	417	450	18	302
XA80/26-15KW/4	160L-4	15	125	553	4	660	273	513	1259	80	890	1100	40	73	417	450	18	266
XA80/26-11KW/4	160M-4	11	125	553	4	605	273	513	1204	80	890	1100	40	73	417	450	18	246
XA80/26-7.5KW/4	132M-4	7.5	125	553	4	510	273	486	1109	80	800	1000	40	73	417	450	18	213
XA80/26-5.5KW/4	132S-4	5.5	125	553	4	470	273	486	1069	80	800	1000	40	73	417	450	18	200
XA80/26-4KW/4	112M-4	4	125	553	4	400	273	461	999	80	690	900	40	73	417	450	18	180
XA80/32G-132KW/2	315M-2	132	125	745	6	1290	430	945	1947	110	1150	1650	43	115	657	700	18	1211
XA80/32G-110KW/2	315S-2	110	125	745	6	1180	430	940	1837	110	1150	1650	43	115	657	700	18	1129
XA80/32G-90KW/2	280M-2	90	125	690	6	1030	375	755	1687	100	1070	1450	42.5	95	557	600	18	765
XA80/32G-75KW/2	280S-2	75	125	690	6	980	375	755	1637	100	1070	1450	42.5	95	557	600	18	709
XA80/32H-132KW/2	315M-2	132	125	745	6	1290	430	945	1891	110	1100	1500	42.5	115	657	700	18	1192
XA80/32H-110KW/2	315S-2	110	125	745	6	1180	430	940	1781	110	1100	1500	42.5	115	657	700	18	1110
XA80/32H-90KW/2	280M-2	90	125	690	6	1030	375	755	1631	100	1070	1450	42.5	95	557	600	18	747
XA80/32H-75KW/2	280S-2	75	125	690	6	980	375	755	1581	100	1070	1450	42.5	95	557	600	18	691
XA80/32-37KW/4	225S-4	37	125	655	4	810	340	670	1409	110	900	1300	42.5	90	457	500	18	499
XA80/32-30KW/4	200L-4	30	125	655	4	765	340	640	1364	85	850	1200	42.5	90	417	460	18	414
XA80/32-22KW/4	180L-4	22	125	655	4	725	340	600	1324	85	830	1200	42.5	90	417	460	18	353
XA80/32-18.5KW/4	180M-4	18.5	125	655	4	690	340	600	1289	85	830	1200	42.5	90	417	460	18	331
XA80/32-15KW/4	160L-4	15	125	655	4	660	340	580	1259	85	900	1100	42.5	90	417	460	18	293
XA80/32-11KW/4	160M-4	11	125	655	4	605	340	580	1204	85	900	1100	42.5	90	417	460	18	272
XA80/32-7.5KW/4	132M-4	7.5	125	655	4	510	340	553	1109	85	800	1000	42.5	90	417	460	18	240
XA80/40-55KW/4	250M-4	55	125	725	4	910	370	735	1569	110	1010	1450	40	90	507	550	18	635
XA80/40-45KW/4	225M-4	45	125	725	4	835	370	695	1494	110	950	1300	40	90	457	500	18	557
XA80/40-37KW/4	225S-4	37	125	725	4	810	370	700	1469	110	950	1300	40	90	457	500	18	546
XA80/40-30KW/4	200L-4	30	125	725	4	765	370	670	1424	110	900	1300	40	90	457	500	18	464
XA80/40-22KW/4	180L-4	22	125	725	4	725	370	670	1200	40	90	457	500	18	401			
XA80/40-18.5KW/4	180M-4	18.5	125	725	4	690	370	630	1384	85	870	1200	40	90	457	500	18	380
XA80/40-15KW/4	160L-4	15	125	725	4	660	370	610	1319	85	860	1200	40	90	457	500	18	351



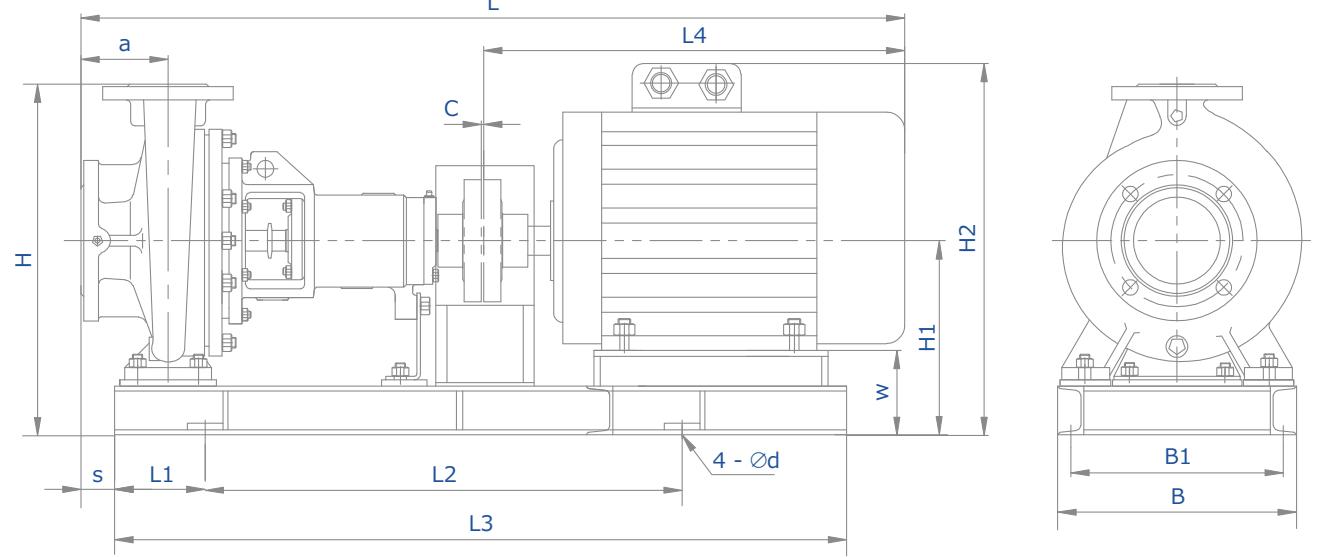
XA

END SUCTION PUMP

Model	Motor(B3)		Dimensions (mm)													Weight		
	Frame size	Power kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	
XA100/16-45KW/2	225M-2	45	125	565	4	805	315	640	1404	85	890	1200	49	90	457	500	18	441
XA100/16-37KW/2	200L2-2	37	125	540	4	765	290	590	1364	85	830	1200	49	90	417	460	18	380
XA100/16-30KW/2	200L1-2	30	125	540	4	765	290	590	1364	85	830	1200	49	90	417	460	18	370
XA100/16-22KW/2	180M-2	22	125	523	4	690	273	533	1289	80	890	1100						

END SUCTION PUMP

Dimensions of XA Series Long Coupled Pump with Motor



Model	Motor(B3)		Dimensions (mm)												Weight			
	Frame size	Power kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	kg
XA125/32-22KW/4	180L-4	22	140	725	4	725	370	630	1399	110	900	1300	35	90	507	550	18	401
XA125/32-18.5KW/4	180M-4	18.5	140	725	4	690	370	630	1364	110	900	1300	35	90	507	550	18	379
XA125/32-15KW/4	160L-4	15	140	725	4	660	370	610	1334	85	860	1200	35	90	507	550	18	341
XA125/40-110KW/4	315S-4	110	180	830	6	1275	430	940	1991	110	1150	1650	55	115	657	700	18	1153
XA125/40-90KW/4	280M-4	90	180	810	6	1030	410	790	1746	100	1070	1450	55	95	557	600	18	872
XA125/40-75KW/4	280S-4	75	180	810	6	980	410	790	1696	100	1070	1452	55	95	557	600	18	830
XA125/40-55KW/4	250M-4	55	180	805	4	910	405	770	1624	110	1010	1450	55	90	507	550	18	655
XA125/40-45KW/4	225M-4	45	180	805	4	835	405	730	1549	110	950	1300	55	90	507	550	18	580
XA125/40-37KW/4	225S-4	37	180	805	4	810	405	735	1524	110	950	1300	55	90	507	550	18	569
XA125/40-30KW/4	200L-4	30	180	805	4	765	405	705	1479	110	900	1300	55	90	507	550	18	486
XA125/50-160KW/4	315L1-4	160	180	920	6	1320	470	985	2176	110	1350	1850	55	115	657	700	18	1466
XA125/50-132KW/4	315M-4	132	180	920	6	1320	470	985	2176	110	1300	1750	55	115	657	700	18	1420
XA125/50-110KW/4	315S-4	110	180	920	6	1275	470	980	2131	110	1300	1750	55	115	657	700	18	1278
XA125/50-90KW/4	280M-4	90	180	920	6	1030	470	850	1886	110	1200	1650	55	115	657	700	18	1026
XA125/50-75KW/4	280S-4	75	180	920	6	980	470	850	1836	110	1200	1650	55	115	657	700	18	983
XA150/20-30KW/4	200L-4	30	180	770	4	765	370	670	1449	105	890	1300	55	90	417	460	18	434
XA150/20-22KW/4	180L-4	22	180	770	4	725	370	630	1409	105	840	1200	55	90	417	460	18	372
XA150/20-18.5KW/4	180M-4	18.5	180	770	4	690	370	600	1374	105	840	1200	55	90	417	460	18	350
XA150/20-15KW/4	160L-4	15	180	770	4	660	370	610	1344	105	820	1200	55	90	417	460	18	313
XA150/20-11KW/4	160M-4	11	180	770	4	605	370	610	1289	105	820	1200	55	90	417	460	18	293
XA150/26-55KW/4	250M-4	55	180	695	4	910	340	705	1624	110	1010	1450	55	90	507	550	18	637
XA150/26-45KW/4	225M-4	45	180	695	4	835	340	665	1549	110	950	1300	55	90	457	500	18	561
XA150/26-37KW/4	225S-4	37	180	695	4	810	340	670	1524	110	950	1300	55	90	457	500	18	549
XA150/26-30KW/4	200L-4	30	180	695	4	765	340	640	1479	110	900	1300	55	90	457	500	18	467
XA150/26-22KW/4	180L-4	22	180	695	4	725	340	600	1439	85	870	1200	55	90	457	500	18	404
XA150/26-18.5KW/4	180M-4	18.5	180	695	4	690	340	600	1404	85	870	1200	55	90	457	500	18	383
XA150/26-15KW/4	160L-4	15	180	695	4	660	340	580	1374	85	880	1200	55	90	457	500	18	346
XA150/32-90KW/4	280M-4	90	180	775	6	1030	375	755	1746	100	1070	1450	60	95	557	600	18	864
XA150/32-75KW/4	280S-4	75	180	775	6	980	375	755	1696	100	1070	1450	60	95	557	600	18	822
XA150/32-55KW/4	250M-4	55	180	770	4	910	370	735	1624	110	1010	1450	60	90	557	600	18	648
XA150/32-45KW/4	225M-4	45	180	770	4	835	370	695	1549	110	950	1450	60	90	557	600	18	575
XA150/32-37KW/4	225S-4	37	180	770	4	810	370	700	1524	110	950	1450	60	90	557	600	18	564
XA150/32-30KW/4	200L-4	30	180	770	4	765	370	670	1479	110	900	1300	60	90	557	600	18	479

END SUCTION PUMP

Model	Motor(B3)		Dimensions (mm)														Weight	
	Frame size	Power kW	a	H	c	L4	H1	H2	L	L1	L2	L3	s	w	B1	B	Ød	
XA150/32-22KW/4	180L-4	22	180	770	4	725	370	630	1439	110	900	1300	60	90	557	600	18	418
XA150/40-132KW/4	315M-4	132	180	880	6	1320	430	945	2036	110	1150	1650	55	115	657	700	18	1323
XA150/40-110KW/4	315S-4	110	180	880	6	1275	430	940	1991	110	1150	1650	55	115	657			