



SGARIA.

Trustable for life



XA STANDARD CENTRIFUGAL PUMP



COMPANY PROFILE



The Sgaria

In addition to the best products, we work objectively and efficiently, with integrity and a sense of urgency to generate the best services.

Check out some of the pillars of our company:

Customer Focus: Our customers are the reason for our existence. We are committed to meeting your demands on site and time required;

Safety: We are strict in meeting our standards, valuing the safety of our customers and contributors;

Quality Results: We seek to maximize results by valuing quality in every detail of our operation;

Teamwork: Together we achieve our goals, acting in a shared way will more easily achieve achievements and good results, sharing achievements and results.

Certificates

By bringing together technical force with design and experience, Sgaria has all the documentation necessary to deliver a certified quality product.





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■ 概述

Brief Introduction

XA型泵供吸送清水及物理化学性质类似于水的液体，适用于工厂、矿山、城市给水排水、空调、消防和农田排灌之用。

规格相同的泵因改变叶轮外径而有不同的性能（在泵型号后面加上A, B, C等字母表示）。

本泵结构简单，性能可靠，体积小，重量轻，抗汽蚀性能好，电耗低，使用维修方便。

XA型泵通用性广，全系列共60种规格，但只用四种轴，同一规格的轴、轴承、轴套、轴封、叶轮紧固件等均能互换，全系列泵的悬架也只有五种。

泵的转速分为2900r/min和1450r/min或1480r/min两级。

性能如下：2900r/min 1450r/min或1480r/min

最大流量：132L/s 300L/s

最高总扬程：100m 55m

最高转速：3500r/min（用于60周波电源时，叶轮直径有所减小）

最高工作温度：105℃

轴封：填料密封或机械密封

最低工作温度：-10℃

工作压力：1.6MPa

产品标准：DIN24255, BS EN733

XA is used for handling clear water or the liquids similar to the water physically and chemically finding the applications for water feed and supply service in mine, plants and towns and some uses in air-conditioning, extinguishing and irrigation.

In spite of the same specification, the pump's performances vary with the outer diameter of the impeller. (Indicated with the block letters A, B and C in the end of the designation of the type.)

The pump is simple in structure, reliable in performances, small in size, low in power consumption, convenient in maintenance and of good cavitation proof.

XA has 60 specifications with the shaft in four sizes, suitable for various handling duties. For the pump with a same specification, the components, such as shaft, bearings, shaft sleeve, shaft seal and the fasteners of impellers are exchangeable. In addition, only five types of bearing brackets are applied to the whole series.

Speeds: 2900r/min 1450r/min or 1480r/min

Specifications:

Speed: 2900r/min 1450r/min or 1480r/min

Max.Capacity: 132L/s 300L/s

Max.Head: 100m 55m

Max.Speed: 3500r/min. (when using the power of 60Hz and the diameter of impeller is to be reduced)

Max.Working Temperature: 105℃

Shaft Seal: Packing or mechanical seal

Min.Working Temperature: - 10℃

Working Pressure: 1.6MPa

Applicable Standard: DIN24255, BS EN733



泵体材料 Casing Material

铸铁 Cast Iron

球铁 Ductile Cast Iron

铸钢 Cast Steel

铸铜 Bronze

不锈钢 AISI304,316,316L,Duplex

叶轮材料 Impeller Material

铸铁 Cast Iron

球铁 Ductile Cast Iron

铸钢 Cast Steel

铸铜 Bronze

不锈钢 AISI304,316,316L,Duplex

泵盖材料 Casing Cover Material

铸铁 Cast Iron

球铁 Ductile Cast Iron

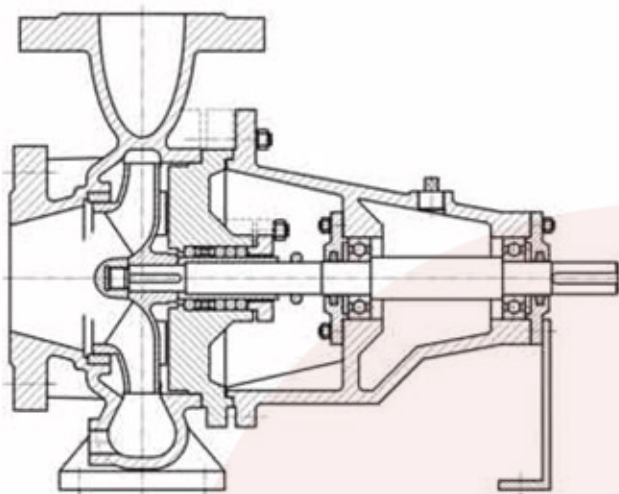
铸钢 Cast Steel

铸铜 Bronze

不锈钢 AISI304,316,316L,Duplex

■ 结构图

Structure



结构说明

Description of Structure

本泵为后开式，拆开泵盖和叶轮时不需拆卸吸水和排出管路。悬架内装有两个球轴承，用机器油或润滑脂润滑。

泵通过弹性联轴器由电动机直接驱动。

蜗室、脚、进水法兰和出水法兰铸成一个整体。

XA is a back-open type. Dismantle the pump cover and the impeller without taking out both the suction and discharge piping. In the bearing bracket, there are two ball bearings which are lubricated with oils or grease. The pump is driven through the flexible couplings from a motor direct.

■ 应用领域

Application scope

空调	Air conditioning	灌深	Irrigation
冷却	Refrigeration	排水	Drainage
消防	Fire Protection	稳压	Pressure Boosting
循环	Circulating	冷却塔	Cooling Towers
输送	Transfer	水处理	Water Treatment



密封环材料 Wear Ring Material

铸铁	Cast Iron
铸钢	Cast Steel
铸铜	Bronze
不锈钢	AISI304,316,316L,Duplex

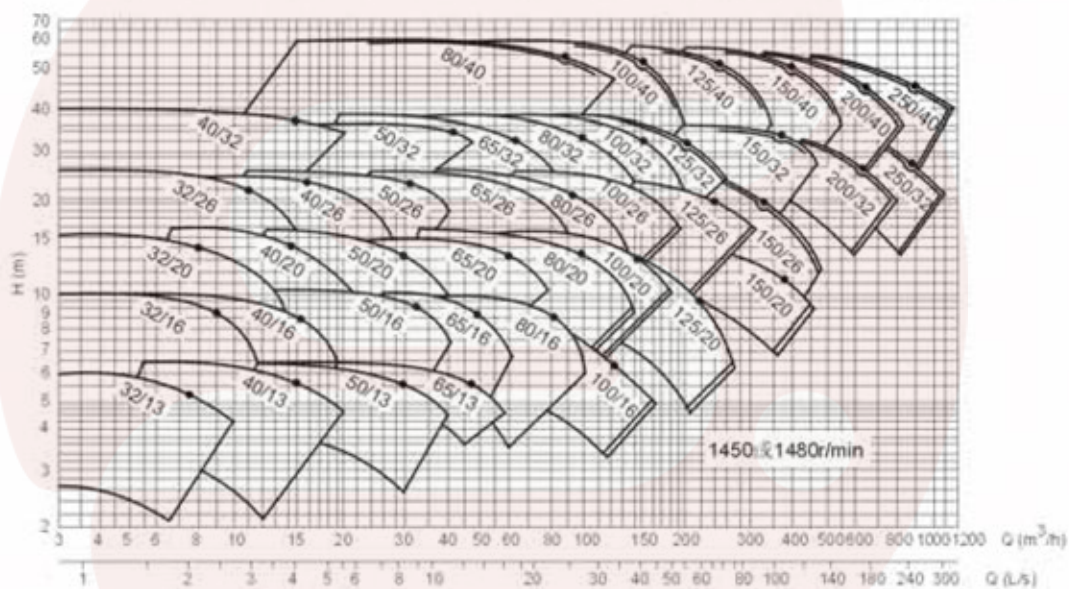
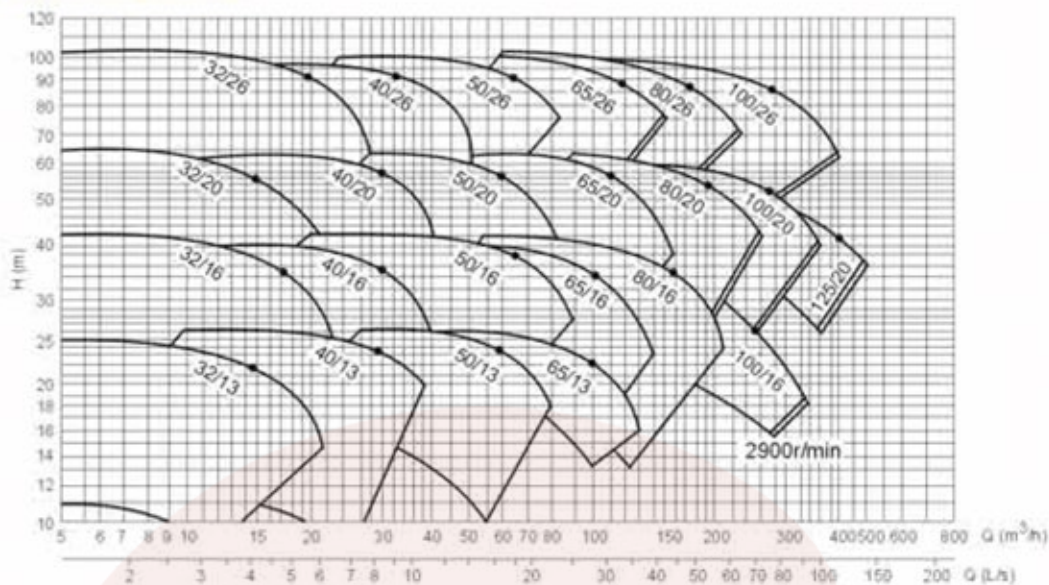
泵轴材料 Shaft Material

碳钢	Carbon Steel
不锈钢	AISI304,316,316L,Duplex

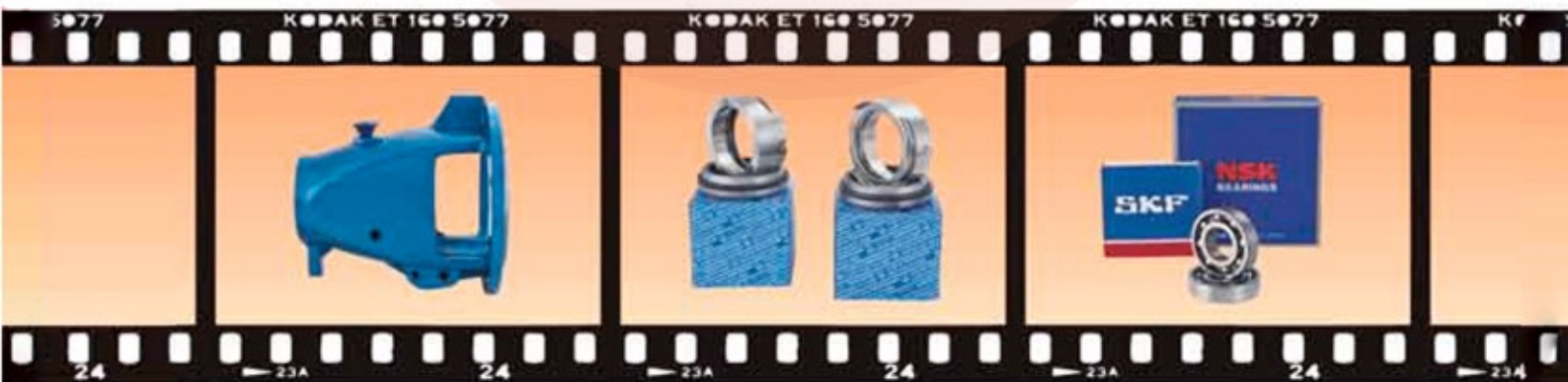
轴套材料 Shaft Sleeve Material

铸铁	Cast Iron
碳钢	Carbon Steel
铜	Bronze
不锈钢	AISI304,316,316L,Duplex

■ 型谱图 Selection charts 50 Hz



压力大于16bar请注明 Please declare if the pressure > 16 bar

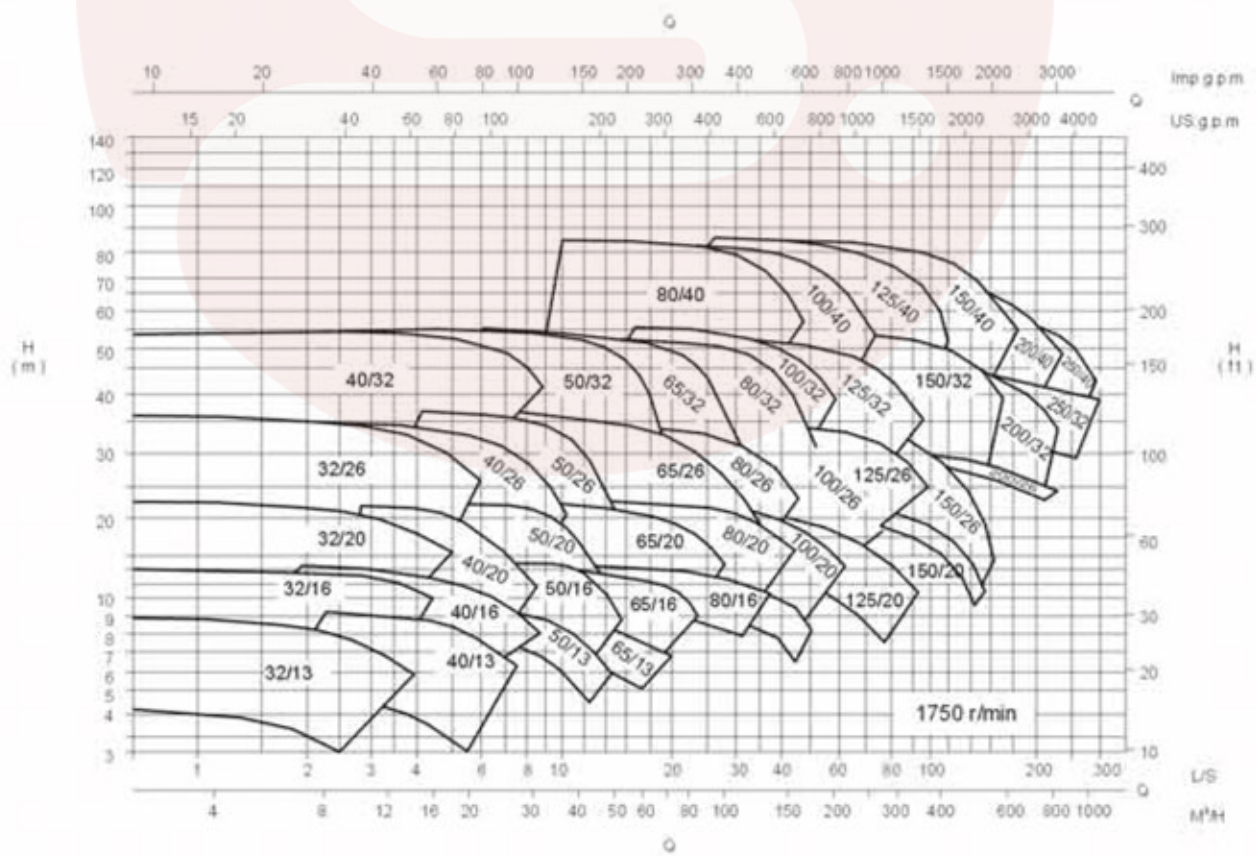
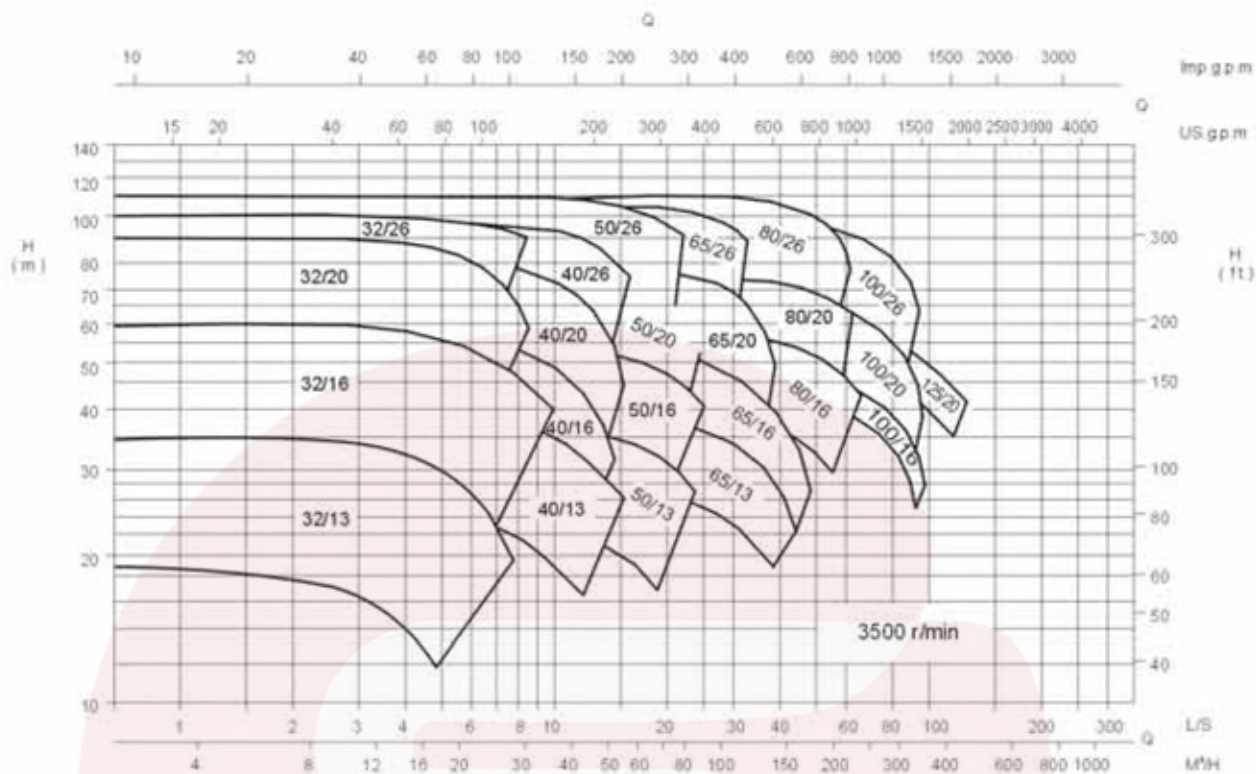


轴承体材料 Bearing Bracket Material
 铸铁 Cast Iron
 不锈钢 AISI304,316,316L,Duplex

机械密封材料 Mechanical Seal Material
 石墨-陶瓷 Grphite-Ceramics
 碳化硅-碳化硅 Sic-Sic

轴承品牌 Bearing Brand
 NSK
 SKF

■ 型谱图 Selection charts 60 Hz



■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配 套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽 蚀余量 NPSHR (m)	叶轮 外径 Impeller dia. D ₂ (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA32/13	9	2.5	24.5	2900	1.23	1.5	Y90L-2 2.2kW	49	1.8	φ139	50	32	27.5
	15	4.17	22		1.47	2.2		61	2				
	18	5	20		1.58	2.2		62	2.5				
XA32/13A	8.5	2.36	21.2	2900	1.04	1.5	Y90L-2 2.2kW	47	1.8	φ130	50	32	27.5
	14	3.89	19		1.23	1.5		59	1.95				
	17	4.72	17.2		1.31	2.2		60.5	2.3				
XA32/13B	7.8	2.17	18	2900	0.89	1.1	Y90S-2 1.5kW	43	1.8	φ120	50	32	27.5
	13	3.61	16.2		1.01	1.1		56.5	1.88				
	15.5	4.31	14.7		1.07	1.5		58	2.08				
XA32/16	11	3.05	40	2900	2.49	3	Y132S1-2 5.5kW	48	1.9	φ174	50	32	35
	18	5.0	37		3.18	4		57	2.0				
	22	6.11	34		3.51	5.5		58	2.6				
XA32/16A	10.5	2.92	35.7	2900	2.22	3	Y112M-2 4kW	46	1.9	φ165	50	32	35
	17	4.72	33		2.78	3		55	1.95				
	21	5.83	30		3.06	4		56	2.4				
XA32/16B	9.8	2.72	31.4	2900	1.93	2.2	Y112M-2 4kW	43.5	1.9	φ155	50	32	35
	16	4.44	29		2.38	3		53	1.95				
	19.5	5.42	26.5		2.61	4		54	2.2				
XA32/20	11	3.05	63	2900	4.71	5.5	Y160M1-2 11kW	40	1.8	φ214	50	32	41
	18	5.0	59		5.9	7.5		49	2				
	22	6.11	55.5		6.52	11		51	2.3				
XA32/20A	10.5	2.92	57.2	2900	4.24	5.5	Y132S2-2 7.5kW	38.6	1.8	φ205	50	32	41
	17	4.72	54		5.26	7.5		47.5	1.95				
	21	5.83	50.2		5.79	7.5		49.5	2.2				
XA32/20B	10	2.78	51.5	2900	3.69	5.5	Y132S2-2 7.5kW	38	1.8	φ195	50	32	41
	16.5	4.58	48		4.5	7.5		46.8	1.9				
	20	5.56	45		5.03	7.5		48.8	2.15				
XA32/26	14	3.89	99	2900	11.27	15	Y160L-2 18.5kW	33.5	2.1	φ264	50	32	59
	22	6.11	95		13.23	15		43	2.2				
	26	7.22	92		14.47	18.5		45	2.6				
XA32/26A	13.5	3.75	91.8	2900	10.75	15	Y160M2-2 15kW	31.4	2.1	φ255	50	32	59
	21	5.83	88		12.58	15		40	2.2				
	25	6.94	85		13.6	15		42.5	2.5				
XA32/26B	13	3.61	84.5	2900	9.97	15	Y160M2-2 15kW	30	2.15	φ245	50	32	59
	20.5	5.69	81		11.74	15		38.5	2.16				
	24	6.67	78.4		12.63	15		40.6	2.38				
XA40/13	18	5	25.5	2900	2.08	2.2	Y112M-2 4kW	60	1.8	φ139	65	40	30
	30	8.33	23.5		2.74	3		70	2				
	36	10	21.5		3.03	4		69.5	2.4				

■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配 套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽 蚀余量 NPSHR (m)	叶轮 外径 Impeller dia. D ₁ (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA40/13A	16.8	4.67	22	2900	1.8	2.2	Y112M-2 4kW	56	1.8	φ130	65	40	30
	28	7.78	20.2		2.3	3		67	2				
	33.6	9.33	18.8		2.56	4		67.2	2.25				
XA40/13B	15.5	4.31	18.5	2900	1.48	1.5	Y100L-2 3kW	53	1.8	φ120	65	40	30
	26	7.22	17		1.85	2.2		65	1.9				
	31	8.61	15.5		2.01	3		65	2.15				
XA40/16	18	5	39.5	2900	3.65	5.5	Y132S ₂ -2 7.5kW	53	2.1	φ175	65	40	36
	30	8.33	35		4.47	5.5		64	2.5				
	36	10	31.5		4.9	7.5		63	3.6				
XA40/16A	17	4.72	34.8	2900	3.16	4	Y132S ₁ -2 5.5kW	51	2.1	φ165	65	40	36
	28.5	7.92	30.5		3.82	5.5		62	2.5				
	34	9.44	27.6		4.19	5.5		61	3.25				
XA40/16B	16	4.44	30.5	2900	2.77	4	Y112M-2 4kW	48	2.05	φ155	65	40	36
	26.5	7.4	27		3.29	4		59.5	2.4				
	32	8.89	24		3.55	4		59	2.9				
XA40/20	18	5.0	63	2900	6.3	7.5	Y160M ₁ -2 11kW	49	1.8	φ214	65	40	44
	30	8.33	58		8.17	11		58	2				
	36	10	53		8.96	11		58	2.7				
XA40/20A	17	4.72	57.4	2900	5.72	7.5	Y160M ₁ -2 11kW	46.4	1.8	φ205	65	40	44
	29	8.06	52.4		7.46	11		55.5	1.95				
	34.5	9.58	48		8.05	11		56	2.45				
XA40/20B	16.5	4.58	51.8	2900	5.28	5.5	Y160M ₁ -2 11kW	44	1.8	φ195	65	40	44
	27.5	7.64	47.5		6.71	7.5		53	1.9				
	33	9.17	43.3		7.24	11		53.8	2.2				
XA40/26	20	5.56	97	2900	13.22	15	Y180M-2 22kW	40	1.8	φ264	65	40	61
	33	9.17	92		16.22	18.5		51	2.0				
	40	11.11	87		17.88	22		53	2.5				
XA40/26A	19.5	5.42	89	2900	12.28	15	Y160L-2 18.5kW	38.5	1.8	φ255	65	40	61
	32	8.89	84		15.09	18.5		48.5	1.95				
	38.5	10.7	79.5		16.35	18.5		51	2.35				
XA40/26B	18.5	5.14	82	2900	11.17	15	Y160L-2 18.5kW	37	1.8	φ248	65	40	61
	30.5	8.47	78		13.78	15		47	1.9				
	37	10.28	73		15.02	18.5		49	2.2				
XA50/13	36	10	25.5	2900	3.85	5.5	Y132S ₂ -2 7.5kW	65	2.5	φ139	65	50	34
	60	16.67	23		4.95	5.5		76	3.2				
	72	20	20.5		5.36	7.5		75	4				
XA50/13A	33.5	9.31	22	2900	3.19	4	Y132S ₁ -2 5.5kW	63	2.5	φ130	65	50	34
	56	15.56	19.5		4.02	5.5		74	3.1				
	67.5	18.75	17.2		4.33	5.5		73	3.6				

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泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配 套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽 蚀余量 NPSHR (m)	叶轮 外径 Impeller dia. D ₂ (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA50/13B	31	8.61	18.5	2900	2.56	3	Y132S1-2	61	2.5	φ120	65	50	34
	52	14.44	16.5		3.24	4	5.5kW	72	2.9				
	62	17.22	14.8		3.52	5.5		71	3.3				
XA50/16	40	11.11	41.5	2900	7.06	11	Y160M1-2	64	2.5	φ174	65	50	38
	65	18.05	38.0		9.09	11	11kW	74	3.5				
	78	21.67	35.0		10.05	11		74	4.2				
XA50/16A	38	10.56	37	2900	6.19	7.5	Y160M1-2	62	2.5	φ165	65	50	38
	61.5	17.1	33.8		7.9	11	11kW	72	3.3				
	74	20.6	31.2		8.75	11		72	3.9				
XA50/16B	35.5	9.86	32.5	2900	5.24	5.5	Y160M1-2	60	2.35	φ155	65	50	38
	58	16.11	29.5		6.66	11	11kW	70	3.1				
	69.5	19.31	27		7.36	11		69.5	3.7				
XA50/20	36	10.0	62	2900	10.48	15	Y160L-2	58	2.5	φ214	65	50	46
	60	16.67	56		13.07	15	18.5kW	70.0	3.2				
	72	20	50		14.42	18.5		68	4				
XA50/20A	34.5	9.6	56	2900	9.25	11	Y160M2-2	57	2.5	φ205	65	50	46
	57.5	16	50.5		11.5	15	15kW	69	3.1				
	69	19.2	45		12.64	15		67	3.75				
XA50/20B	33	9.1	50.6	2900	8.13	11	Y160M2-2	55.5	2.5	φ195	65	50	46
	54.5	15.1	45.6		10	15	15kW	67.5	3				
	65.5	18.2	40.5		11	15		66	3.5				
XA50/26 XA50/26H	40	11.11	100	2900	20.17	30	Y200L2-2	54	2.5	φ264	65	50	63
	65	18.05	91		25.97	30	37kW	62	3.5				
	78	21.67	82		29.03	37		60	4.2				
XA50/26A XA50/26HA	38.5	10.69	92.5	2900	18.29	22	Y200L1-2	53	2.4	φ255	65	50	63
	63	17.5	84		23.63	30	30kW	61	3.3				
	75.5	20.97	75.6		26.34	30		59	3.9				
XA50/26B XA50/26HB	37	10.28	85.5	2900	16.57	18.5	Y200L1-2	52	2.3	φ245	65	50	63
	60.5	16.81	77.5		21.29	30	30kW	60	3.2				
	72.5	20.14	69.8		23.76	30		58	3.9				
XA65/13	60	16.67	25	2900	6.1	7.5	Y160M1-2	67	3	φ139	80	65	39
	100	27.75	22		7.68	11	11kW	78	3.5				
	120	33.33	19		8.38	11		74	4.5				
XA65/13A	56	15.56	21.1	2900	5.03	7.5	Y160M1-2	64	3	φ130	80	65	39
	93.5	26	16		5.83	11	11kW	70	3.5				
	112.5	31.25	12.5		6.49	11		59	4.1				
XA65/13B	52	14.44	18	2900	4.12	5.5	Y132S2-2	62.5	3	φ120	80	65	39
	86.5	24	13.7		4.88	7.5	7.5kW	66	3.3				
	104	28.9	10.6		5.43	7.5		57	3.75				

■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配 套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽 蚀余量 NPSHR (m)	叶轮 外径 Impeller dia.D. (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA65/16	60	16.67	39	2900	10.28	15	Y160L-2 18.5kW	62	3.6	φ174	80	65	43
	100	27.78	35		12.7	15		75	4.2				
	120	33.33	32		13.94	18.5		75	5.2				
XA65/16A	57	15.83	34.5	2900	8.92	11	Y160M-2 15kW	60	3.6	φ165	80	65	43
	95	26.4	31		11	15		73	4.1				
	114	31.7	28		11.92	15		73	4.8				
XA65/16B	53.5	14.86	30	2900	7.54	11	Y160M-2 11kW	58	3.6	φ155	80	65	43
	89	27.72	27		9.22	11		71	3.95				
	107	29.72	24.5		10	11		71	4.5				
XA65/20 XA65/20H	66	18.33	63	2900	17.97	22	Y200L-2 30kW	63	3	φ214	80	65	70
	110	30.55	57		23.07	30		74	3.9				
	132	36.67	52		25.09	30		74.5	5.3				
XA65/20A XA65/20HA	63	17.5	57	2900	15.77	18.5	Y200L-2 30kW	62	3	φ205	80	65	70
	105.5	29.31	51		20.08	30		73	3.75				
	126.5	35.14	47		22.03	30		73.5	4.85				
XA65/20B XA65/20HB	60	16.67	51.5	2900	13.8	18.5	Y200L-2 30kW	61	3	φ195	80	65	70
	100	27.78	46.5		17.59	22		72	3.6				
	120	33.33	42.5		19.16	30		72.5	4.4				
XA65/26	72	20	97	2900	29.50	37	Y250M-2 55kW	64.5	3.3	φ264	80	65	81
	120	33.33	89		39.84	45		73	4.5				
	144	40	83		44.59	55		73	5.4				
XA65/26A	69.5	19.31	90	2900	26.21	37	Y225M-2 45kW	65	3.25	φ255	80	65	81
	116	32.22	82.5		36.19	45		72	4.4				
	139	38.61	77		40.48	45		72	4.95				
XA65/26B	67	18.61	83	2900	23.66	30	Y225M-2 45kW	64	3.2	φ245	80	65	81
	111.5	31	76		32.53	37		71	4.25				
	133.5	37.1	71		36.61	45		70.5	4.95				
XA80/16 XA80/16H	100	27.78	39	2900	15.85	18.5	Y200L-2 30kW	67	3.3	φ174	100	80	54
	162	45	35		19.3	22		80	4				
	195	54.17	31.5		21.18	30		79	5				
XA80/16A XA80/16HA	95	26.39	34.5	2900	13.73	18.5	Y180M-2 22kW	65	3.3	φ165	100	80	54
	153.5	42.64	31		16.61	18.5		78	3.85				
	185	51.39	28		18.32	22		77	4.6				
XA80/16B	89	24.72	30.5	2900	11.73	15	Y160L-2 18.5kW	63	3.25	φ155	100	80	54
	144.5	40.14	27.2		14.08	15		76	3.7				
	174	48.33	24.5		15.48	18.5		75	4.3				
XA80/20	115	31.94	61	2900	27.29	37	Y225M-2 45kW	70	4	φ214	100	80	70
	190	52.78	55		35.57	37		80	5.1				
	225	62.5	50		38.78	45		79	6.2				

■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配 套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽 蚀余量 NPSHR (m)	叶轮 外径 Impeller dia. D ₂ (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA80/20A	110	30.56	55.5	2900	24.1	30	Y200L2-2 37kW	69	4	φ205	100	80	70
	182	50.56	50		31.37	37		79	4.9				
	215.5	59.86	45.5		34.23	37		78	5.85				
XA80/20B	105	29.17	50	2900	21.03	30	Y200L2-2 37kW	68	4	φ195	100	80	70
	173	48.06	45		24.08	30		78	4.7				
	205	56.94	41		29.72	37		77	5.5				
XA80/26	115	31.94	96	2900	45.5	55	Y280S-2 75kW	66	4	φ264	100	80	91
	190	52.78	86		57.8	75		77	5.4				
	225	62.5	79		64.5	75		75	6.5				
XA80/26A	111	30.83	89	2900	41.39	55	Y280S-2 75kW	65	3.95	φ255	100	80	91
	183.5	50.97	79.8		52.47	75		76	5.2				
	217.5	60.42	73		58.43	75		74	6.25				
XA80/26B	106.5	29.58	82	2900	37.16	45	Y280S-2 75kW	64	3.9	φ245	100	80	91
	176.5	49.03	73.5		47.11	55		75	5				
	209	58.06	67.5		52.63	75		73	6				
XA100/16	151.2	42	33	2900	22.65	30	Y200L2-2 37kW	60	5	φ174	125	100	71
	252	70	27		25.74	37		72	5				
	302.4	84	22.4		26.3	37		70	5.5				
XA100/20	180	50	59	2900	41.32	55	Y280S-2 75kW	70	4	φ214	125	100	85
	285	79.17	52		50.14	75		80.5	5.3				
	340	94.44	44		54.68	75		74.5	6.3				
XA100/20A	172.5	47.92	52.5	2900	35.75	45	Y250M-2 55kW	69	3.95	φ205	125	100	85
	273	75.83	46		43.02	55		79.5	4.9				
	325.5	90.42	38		45.83	55		73.5	5.95				
XA100/20B	164	45.56	47	2900	30.87	37	Y225M-2 45kW	68	3.9	φ195	125	100	85
	260	72.22	40		36.08	45		78.5	4.8				
	310	86.11	32.5		37.85	45		72.5	5.6				
XA100/26 XA100/26H	190	52.78	97	2900	71.7	90	Y315S-2 110kW	70	3.8	φ264	125	100	115
	295	81.94	85		87.54	100		78	5.2				
	350	97.22	75		97.93	110		73	6.5				
XA100/26A XA100/26HA	183.5	50.97	89	2900	64.45	75	Y315S-2 110kW	69	3.75	φ255	125	100	115
	285	79.17	78		78.63	90		77	5				
	338	93.89	68.5		87.57	100		72	6.2				
XA100/26B XA100/26HB	177	49.17	82	2900	58.13	75	Y280M-2 90kW	68	3.7	φ245	125	100	115
	274	76.11	71.5		70.2	90		76	4.8				
	325	90.28	63		78.54	90		71	5.9				
XA125/20	238	66	54.5	2900	59.3	75	Y280M-2 90kW	59.5	7	φ214	150	125	106
	360	100	49		66.3	90		72.5	7.2				
	475	132	40		70.9	90		73	7				

■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配 套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽 蚀余量 NPSHR (m)	叶轮 外径 Impeller dia. D ₁ (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA125/20A	228	63.2	49.5	2900	53.0	75	Y280S-2 75kW	58.5	7	φ205	150	125	106
	345	95.8	44		58.0	75		71.5	7.1				
	455	126	35.3		61	75		72	6.85				
XA125/20B	216	60.1	44.8	2900	46	55	Y280S-2 75kW	57.5	7	φ195	150	125	106
	328	91.1	39.5		50.5	55		70.5	6.95				
	433	120	31.5		52.8	75		71	6.6				
XA32/13	4.5	1.25	6	1450	0.156	0.55	Y80i-4 0.55kW	47	1.8	φ139	50	32	27.5
	7.5	2.08	5.5		0.197	0.55		57	2				
	9	2.5	5		0.211	0.55		58	2.3				
XA32/16	6	1.67	9.5	1450	0.353	0.55	Y80i-4 0.55kW	44	1.8	φ174	50	32	35
	9	2.5	9		0.416	0.55		53	2				
	11	3.05	8.3		0.46	0.55		54	2.4				
XA32/20	6	1.67	15	1450	0.646	0.75	Y90S-4 1.1kW	38	1.8	φ214	50	32	41
	9	2.5	14		0.763	1.1		45	2				
	11	3.05	13.2		0.84	1.1		47	2.3				
XA32/26	7	1.94	24.2	1450	1.53	2.2	Y100L ₂ -4 3kW	30	1.8	φ264	50	32	59
	11	3.05	23		1.81	2.2		38	2				
	13	3.61	22		1.95	3		40	2.4				
XA40/13	9	2.5	6.3	1450	0.297	0.55	Y80i-4 0.55kW	52	1.8	φ139	65	40	30
	15	4.17	5.8		0.365	0.55		65	2				
	18	5	5.3		0.406	0.55		64	2.4				
XA40/16	9	2.5	9.7	1450	0.495	0.55	Y90S-4 1.1kW	48	1.8	φ175	65	40	36
	15	4.17	8.5		0.579	0.75		60	2				
	18	5	7.6		0.642	1.1		58	2.4				
XA40/20	9	2.5	15.2	1450	0.79	1.1	Y90L-4 1.5kW	47	1.8	φ214	65	40	44
	15	4.17	14		1.04	1.5		55	2				
	18	5	12.8		1.16	1.5		54	2.4				
XA40/26	10	2.78	24	1450	1.77	2.2	Y100L ₂ -4 3kW	37	1.8	φ264	65	40	61
	16	4.44	23		2.18	2.2		46	2				
	20	5.56	21.8		2.38	3		50	2.4				
XA40/32	11	3	38	1450	3.5	5.5	Y132S-4 5.5kW	32	3.1	φ329	65	40	95.8
	18	5	35		4.24	5.5		40.5	2.1				
	21.5	6	32		4.83	5.5		39	3.8				
XA40/32A	10.5	2.92	34.5	1450	3.24	4	Y132S-4 5.5kW	30.5	3.3	φ315	65	40	95.8
	17	4.72	32		3.85	5.5		38.5	2				
	20.5	5.7	29		4.32	5.5		37.5	2.9				
XA40/32B	10	2.78	31	1450	2.91	4	Y132S-4 5.5kW	29	3.6	φ300	65	40	95.8
	16.5	4.58	29		3.52	5.5		37	2				
	20	5.56	26		3.94	5.5		36	2.7				

■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽蚀余量 NPSHR (m)	叶轮外径 Impeller dia. D ₂ (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA50/13	18	5	6.4	1450	0.514	0.75	Y90S-4 1.1kW	61	2.2	φ139	65	50	34
	30	8.33	5.8		0.658	0.75		72	2.4				
	36	10	5.2		0.739	1.1		69	2.8				
XA50/16	20	5.55	10.3	1450	0.93	1.1	Y90L-4 1.5kW	60	2.3	φ174	65	50	38
	32	8.89	9.5		1.18	1.5		70	2.4				
	38	10.55	8.8		1.3	1.5		70	3				
XA50/20	18	5	15.4	1450	1.37	1.5	Y100L1-4 2.2kW	55	2.2	φ214	65	50	46
	30	8.33	13.5		1.7	2.2		65	2.3				
	36	10	11.6		1.86	2.2		61	2.9				
XA50/26	20	5.55	25	1450	2.62	3	Y132S-4 5.5kW	52	2.3	φ264	65	50	63
	32	8.89	22.5		3.27	4		60	2.4				
	38	10.55	19.8		3.63	5.5		56.5	3				
XA50/32	24	6.67	36	1450	5	5.5	Y160M-4 11kW	47	2	φ328	65	50	101
	40	11.11	34		6.38	7.5		58	2.5				
	48	13.33	32		7.09	11		59	3.2				
XA50/32A	23	6.39	32.5	1450	4.52	5.5	Y132M-4 7.5kW	45	2	φ315	65	50	101
	38.5	10.69	30.6		5.73	7.5		56	2.4				
	46	12.78	28.7		6.36	7.5		56.5	3				
XA50/32B	22	6.11	29.4	1450	4.24	5.5	Y132M-4 7.5kW	41.5	2	φ300	65	50	101
	36.5	10.14	27.7		5.1	7.5		54	2.3				
	44	12.22	26		5.66	7.5		55	2.8				
XA65/13	30	8.33	6.2	1450	0.79	1.1	Y90L-4 1.5kW	64	2.2	φ139	80	65	39
	50	13.89	5.4		0.98	1.1		75	2.4				
	60	16.67	4.7		1.05	1.5		73	2.8				
XA65/16	30	8.33	9.8	1450	1.33	2.2	Y100L1-4 2.2kW	60	2	φ174	80	65	43
	50	13.89	8.8		1.62	2.2		74	2.2				
	60	16.66	7.9		1.75	2.2		73.5	2.5				
XA65/20	35	9.72	15.3	1450	2.31	3	Y112M-4 4kW	63	1.9	φ214	80	65	52
	55	15.27	14		2.87	4		73	2				
	66	18.33	13.1		3.2	4		73.5	2.3				
XA65/26	36	10	24.5	1450	4	5.5	Y132M-4 7.5kW	60	2	φ264	80	65	81
	60	16.67	22.5		5.25	7.5		70	2.3				
	72	20	20.6		5.77	7.5		70	3				
XA65/32	40	11.11	37	1450	7.46	11	Y160L-4 15kW	54	1.9	φ329	80	65	110
	65	18.06	34		9.56	11		63	2				
	78	21.67	31		10.62	15		62	2.5				

■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配 套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽 蚀余量 NPSHR (m)	叶轮 外径 Impeller dia.D. (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA65/32A	37	10.28	33.4	1450	6.73	11	Y160M-4 11kW	50	1.9	φ315	80	65	110
	62	17.2	30.9		8.54	11		61	2				
	74.5	20.69	28		9.47	11		60	2.3				
XA65/32B	34	9.44	30.5	1450	6	7.5	Y160M-4 11kW	47	2	φ300	80	65	110
	56.5	15.69	28		7.3	11		59	2				
	68	18.89	25.8		8.1	11		59	2.1				
XA80/16	50	13.89	9.9	1450	2.2	3	Y100L-4 3kW	61	2.1	φ174	100	80	54
	80	22.22	9		2.55	3		77	2.5				
	96	26.67	8.3		2.75	3		79	3.2				
XA80/20	58	16.11	15.5	1450	3.77	5.5	Y132M-4 7.5kW	65	2.1	φ214	100	80	70
	95	26.39	14		4.64	7.5		78	2.5				
	112	31.11	13		5.15	7.5		77	3.2				
XA80/26	58	16.11	23.5	1450	5.8	7.5	Y160M-4 11kW	64	2.1	φ264	100	80	91
	95	26.39	21.5		7.52	11		74	2.5				
	112	31.11	20		8.36	11		73	3.2				
XA80/32	60	16.67	36	1450	9.65	15	Y180M-4 18.5kW	61	1.9	φ329	100	80	120
	100	27.78	33		12.66	15		71	2				
	120	33.33	30		14	18.5		70	2.6				
XA80/32A	57.5	15.97	32.4	1450	8.75	11	Y160L-4 15kW	58	1.9	φ315	100	80	120
	95.5	26.53	29.7		11.2	15		69	2				
	114.5	31.81	27		12.38	15		68	2.3				
XA80/32B	54.5	15.14	29.3	1450	7.77	11	Y160L-4 15kW	56	1.9	φ300	100	80	120
	91	25.28	26.8		9.91	15		67	2				
	109	30.28	24.5		11.02	15		66	2.2				
XA80/40	60	16.67	58	1450	18.96	22	Y200L-4 30kW	50	2.2	φ409	100	80	161
	100	27.78	53		24.06	30		60	2.5				
	120	33.33	48		26.58	30		59	3.4				
XA80/40A	58	16.11	53.7	1450	17.67	22	Y200L-4 30kW	48	2.2	φ395	100	80	161
	96.5	26.81	48.9		22.16	30		58	2.4				
	116	32.22	44.4		24.6	30		57	3.2				
XA80/40B	56	15.56	49.4	1450	16.38	22	Y200L-4 30kW	46	2.2	φ380	100	80	161
	93	25.83	45		20.35	30		56	2.4				
	111.5	30.97	40.9		22.58	30		55	3				
XA100/16	75.6	21	8	1450	2.80	4	Y132S-4 5.5kW	58.9	2.3	φ174	125	100	71
	126	35	6.8		3.32	5.5		70.2	2.5				
	151.2	42	5.7		3.45	5.5		68	3.3				

■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配 套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽 蚀余量 NPSHR (m)	叶轮 外径 Impeller dia. D ₂ (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA100/20	90	25	15	1450	5.25	7.5	Y160M-4 11kW	70	2.2	φ214	125	100	85
	142	39.44	13		6.36	7.5		79	2.5				
	170	47.22	11.5		6.91	11		77	3.4				
XA100/26	95	26.39	24.5	1450	9.19	11	Y160L-4 15kW	69	2.3	φ264	125	100	106
	148	41.11	22		11.37	15		78	2.6				
	175	48.61	20		12.54	15		76	3.5				
XA100/32	81	22.5	37.5	1450	12.73	15	Y180L-4 22kW	65	2	φ329	125	100	134
	135	37.5	34		16.7	22		75	2				
	162	45	30		18.8	22		72	2.3				
XA100/32A	77.5	21.53	33.5	1450	11.5	15	Y180L-4 22kW	61.5	2	φ315	125	100	134
	130	36.1	30.5		15.2	22		71	2				
	155	43.06	27		16.64	22		68.5	2.18				
XA100/32B	73.5	20.42	30.5	1450	10.44	15	Y180M-4 18.5kW	58.5	2	φ300	125	100	134
	123	34.17	27.5		13.55	18.5		68	2				
	147.5	41	24.5		14.92	18.5		66	2.1				
XA100/40	90	25	57	1450	24.09	30	Y225M-4 45kW	58	1.7	φ409	125	100	174
	150	41.67	52		31.24	37		68	2				
	180	50	48.5		34.96	45		68	2.7				
XA100/40A	87	24.17	52.5	1450	22.22	30	Y225S-4 37kW	56	1.7	φ395	125	100	174
	145	40.28	48.2		28.84	37		66	2				
	174	48.33	44.5		31.75	37		66.4	2.5				
XA100/40B	84	23.33	48.5	1450	20.54	30	Y225S-4 37kW	54	1.7	φ380	125	100	174
	139.5	38.75	44.5		26.42	37		64	1.9				
	167.5	46.53	41.2		29.37	37		64	2.4				
XA125/20	115	32	14.2	1450	7.3	11	Y160M-4 11kW	61	2.6	φ214	150	125	106
	190	53	12.5		8.55	11		76	3.5				
	230	63.6	11		9.03	11		76	3.0				
XA125/26	144	40	23.5	1450	13.17	18.5	Y180L-4 22kW	70	2.3	φ264	150	125	115
	240	66.67	21		16.95	22		81	2.5				
	288	80	18.8		18.9	22		78	3.2				
XA125/26A	139	38.61	21.3	1450	12.03	15	Y180L-4 22kW	67	2.3	φ255	150	125	115
	232	64.44	19.2		15.35	22		79	2.5				
	278.5	77.36	17		16.96	22		76	3				
XA125/26B	134	37.22	19.7	1450	11.23	15	Y180M-4 18.5kW	64	2.3	φ245	150	125	115
	223	61.94	17.5		13.98	18.5		76	2.4				
	267.5	74.31	15.7		15.46	18.5		74	2.8				

■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽蚀余量 NPSHR (m)	叶轮外径 Impeller dia. D ₂ (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA125/32	120	33.3	35.1	1450	17.36	22	Y200L-4 30kW	66	2.1	φ329	150	125	163
	200	55.6	32		22.35	30		78	2				
	240	66.7	29.5		24.72	30		78	2.7				
XA125/32A	115	31.94	31.5	1450	15.78	18.5	Y200L-4 30kW	62.5	2.15	φ315	150	125	163
	191	53.06	29		20.11	30		75	1.95				
	229	63.61	26.5		22.2	30		74.5	2.4				
XA125/32B	109	30.28	28.5	1450	14.1	18.5	Y180L-4 22kW	60	2.2	φ300	150	125	163
	182	50.56	26		17.77	22		72.5	2				
	218.5	60.7	24		19.7	22		72.5	2.2				
XA125/40	144	40	58	1450	34.46	45	Y280S-4 75kW	66	2.2	φ409	150	125	181
	245	68.05	52		45.65	55		76	2.4				
	300	83.33	46		52.2	75		72	3.2				
XA125/40A	139	38.61	53.5	1450	31.4	37	Y250M-4 55kW	64.5	2.2	φ395	150	125	181
	236.5	65.7	48		41.78	55		74	2.4				
	289	80.42	42.5		47.87	55		70	3				
XA125/40B	133.5	37.08	49.5	1450	28.56	37	Y250M-4 55kW	63	2.2	φ380	150	125	181
	227.5	63.2	44		37.6	45		72.5	2.3				
	278.5	77.36	39		43.18	55		68.5	2.8				
XA150/20	216	60	14.4	1450	12.10	15	Y180M-4 18.5kW	70	3.0	φ220	200	150	156
	360	100	12.2		14.95	18.5		80	3.5				
	424.8	118	10.3		15.47	18.5		77	4.0				
XA150/26	194	54	23	1450	17.14	22	Y200L-4 30kW	71	2.7	φ264	200	150	148
	324	90	21		22.87	30		81	3.0				
	414	115	16.8		25.59	30		74	3.3				
XA150/32	230	63.89	36	1450	30.89	37	Y250M-4 55kW	73	2.8	φ329	200	150	170
	370	102.78	33		40.55	45		82	3.2				
	445	123.61	30		44.88	45		81	3.6				
XA150/32A	220	61.11	32.5	1450	27.62	37	Y225M-4 45kW	70.5	2.8	φ315	200	150	170
	354	98.33	30		36.38	45		79.5	3.1				
	426	118.33	27		39.9	45		78.5	3.5				
XA150/32B	209.5	58.2	29.5	1450	24.4	30	Y225S-4 37kW	69	2.8	φ300	200	150	170
	337.5	93.75	27		31.8	37		78	3				
	405.5	112.64	24.5		35.14	37		77	3.3				
XA150/40	240	66.67	54	1450	51.15	75	Y280M-4 90kW	69	2.8	φ409	200	150	209
	385	106.94	50		66.36	75		79	3.2				
	460	127.78	46		73.88	90		78	3.6				

■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽蚀余量 NPSHR (m)	叶轮外径 Impeller dia. D ₂ (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA150/40A	232	64.44	50	1450	46.8	55	Y280S-4 75kW	67.5	2.8	∅395	200	150	209
	372	103.33	46		60.5	75		77	3.2				
	444	123.33	42.5		67.62	75		76	3.6				
XA150/40B	223	61.94	46	1450	42.32	55	Y280S-4 75kW	66	2.8	∅380	200	150	209
	357.5	99.3	42		54.2	75		75.5	3.1				
	427.5	118.75	39		61	75		74.5	3.5				
XA200/32	378	105	33	1450	46.8	55	Y280S-4 75kW	73	2.7	∅329	250	200	251
	630	175	27		55	75		85	3.8				
	756	210	20		56.6	75		73	3.9				
XA200/32A	360	100	30	1450	41	45	Y250M-4 55kW	73	2.6	∅315	250	200	251
	600	167	25		50.5	55		81	3.7				
	720	200	19		52	55		73	3.8				
XA200/32B	342	95	28.5	1450	37	45	Y250M-4 55kW	71	2.5	∅300	250	200	251
	570	158	23		45.5	55		80	3.6				
	684	190	18.5		47	55		73	3.7				
XA200/32C	324	90	25.5	1450	33.7	37	Y225M-4 45kW	68	2.5	∅285	250	200	251
	540	150	21		40.4	45		77	3.6				
	648	180	16.6		41.6	45		71	3.7				
XA200/40	390	108	55.5	1450	76.5	90	Y315M ₁ -4 132kW	77	3.0	∅409	250	200	295
	650	181	48.5		100.5	110		86	3.8				
	780	217	41.5		109	132		81	4.5				
XA200/40A	378	105	51	1450	68.5	75	Y315S-4 110kW	77	2.9	∅395	250	200	295
	630	175	44		88.5	110		85	3.8				
	756	210	37		96.5	110		79	4.4				
XA200/40B	360	100	47	1450	60.5	75	Y280M-4 90kW	76	2.9	∅380	250	200	295
	600	167	40.5		78	90		84	3.7				
	720	200	33.5		84.5	90		78	4.3				
XA200/40C	342	95	43	1450	52.5	75	Y280M-4 90kW	75	2.9	∅365	250	200	295
	570	158	36.5		66.5	90		83	3.7				
	684	190	30.5		73	90		77	4.2				
XA200/40D	324	90	39	1450	46.5	55	Y280S-4 75kW	74	2.9	∅350	250	200	295
	540	150	32.5		57	75		82	3.6				
	648	180	27		62.5	75		76	4.1				
XA200/40E	306	85	34	1450	39.5	55	Y280S-4 75kW	72	2.8	∅335	250	200	295
	510	142	29		50.5	75		81	3.6				
	612	170	23.5		53	75		74	4.0				

■ 性能参数表 Performance parameter table

泵型号 Type	流量 Capacity (Q)		扬程 Head H (m)	转速 Speed n (r/min)	功率 Power P(kW)		出厂用配 套电机 Mating Motor	泵效率 Efficiency η (%)	必需汽 蚀余量 NPSHR (m)	叶轮 外径 Impeller dia. D ₂ (mm)	泵口径 Dia. of pump (mm)		泵重量 Weight (kg)
	(m ³ /h)	(L/s)			轴功率 Shaft Power	电机功率 Motor Power					吸入 Inlet	排出 Outlet	
XA250/32	504	140	30.5	1480	62	75	Y280M-4 90kW	70	3.2	φ329	300	250	311
	840	233	27		72	90		88	4.6				
	1008	280	21		74	90		80	6.1				
XA250/32A	480	133	27.5	1480	50.5	75	Y280S-4 75kW	70	3.1	φ315	300	250	311
	800	222	24.5		61	75		88	4.5				
	960	267	19		63	75		80	6.0				
XA250/32B	456	127	25	1480	4.5	55	Y280S-4 75kW	70	3.0	φ300	300	250	311
	760	211	22.5		52	75		87	4.4				
	912	253	17		54	75		79	5.9				
XA250/32C	432	120	22.5	1480	37	55	Y250M-4 55kW	70	2.9	φ285	300	250	311
	720	200	20		44	55		86	4.3				
	864	240	15.5		45.5	55		80	5.8				
XA250/40	540	150	52.5	1480	105	132	Y315M ₂ -4 160kW	75	3.3	φ409	300	250	390
	900	250	48.5		140	160		88	4.8				
	1080	300	41		151	160		81	6.3				
XA250/40A	522	145	49	1480	91	110	Y315M ₂ -4 160kW	75	3.3	φ395	300	250	390
	870	242	44.5		118	132		88	4.8				
	1044	290	38.5		131	160		82	6.2				
XA250/40B	504	140	45	1480	81.5	90	Y315M ₁ -4 132kW	76	3.2	φ380	300	250	390
	840	233	40.5		105	132		88	4.7				
	1008	280	34.5		112.5	132		84	6.2				
XA250/40C	480	133	41	1480	71	90	Y315S-4 110kW	75	3.1	φ365	300	250	390
	800	222	37		90	110		88	4.6				
	960	267	31		95	110		84	6.0				
XA250/40D	456	127	38	1480	63	75	Y315S-4 110kW	75	3.0	φ350	300	250	390
	760	211	33.5		79.5	90		88	4.5				
	912	253	28.5		85	110		84	5.8				
XA250/40E	432	120	35	1480	53	75	Y280M-4 90kW	74	3.0	φ335	300	250	390
	720	200	31		75	90		87	4.4				
	864	240	27		83	90		83	5.5				

型号中加H是表示经改进，泵轴直径及外形安装尺寸不同，但性能仍相同。

The type designation with the block letter "H" means the improved type. The performances remain unchanged while the diameter of the pump shaft and the overall and the mounting dimensions are different.



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