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**Hanthing**

[www.hanthing.com](http://www.hanthing.com)

**Water pump**

- Inline
- Split case
- Multi stage
- End suction

QUALITY CREATES VALUE

INNOVATION SHAPES THE FUTURE

The banner features a blue and white color scheme. On the left is the Hanthing logo, a stylized blue 'S' shape. To its right is a collage of various industrial pumps. A large blue diagonal banner with the text 'Water pump' in yellow runs across the center. Below this banner, four horizontal blue bars list pump types: 'Inline', 'Split case', 'Multi stage', and 'End suction'. The Hanthing logo and website URL are positioned at the bottom left and center respectively. Two blue boxes with white text, 'QUALITY CREATES VALUE' and 'INNOVATION SHAPES THE FUTURE', are placed within the pump collage.



[www.exthin.com](http://www.exthin.com)

**Exthin**

**Air Compressor**

- Portable
- Screw
- Piston

The banner has a black background with yellow and white text. On the left is the Exthin logo, a stylized yellow 'X' shape. Below it, the word 'Exthin' is written in large, bold, yellow letters. To the right of the logo, three horizontal black bars with yellow text list compressor types: 'Portable', 'Screw', and 'Piston'. A large black diagonal banner with the text 'Air Compressor' in yellow runs across the center. On the right side of the banner is a photograph of a blue and grey industrial air compressor unit. The website URL 'www.exthin.com' is located at the top center in white text.

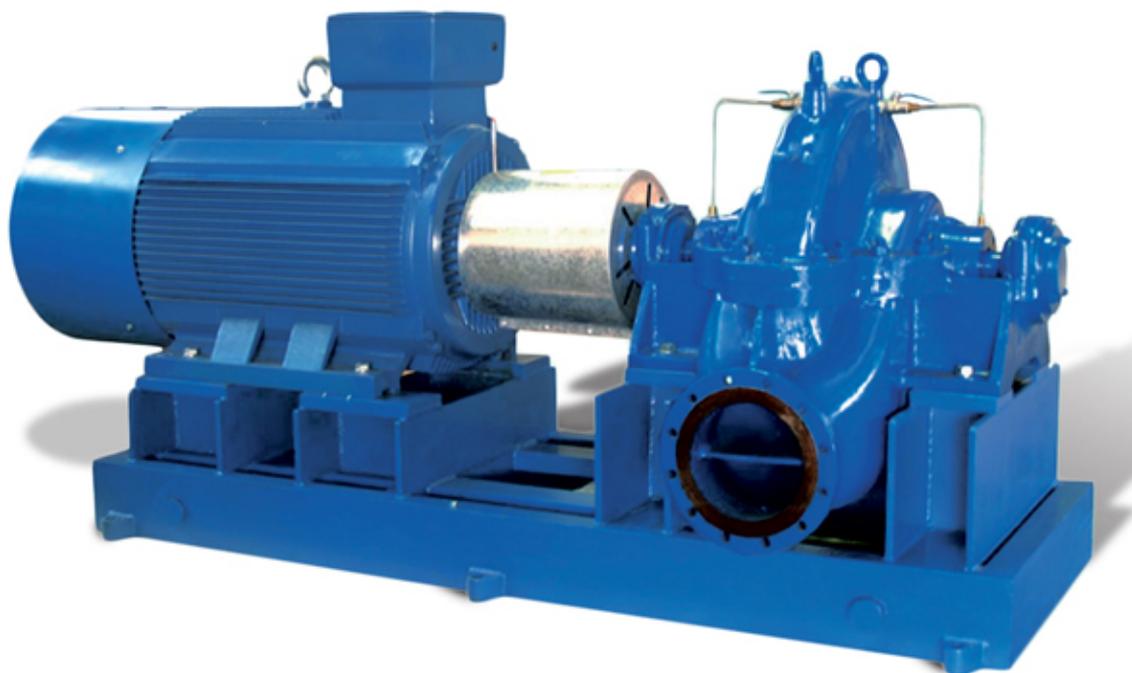
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国家产品质量免检 | 中国著名品牌

# D J 系列 泵

AG Series Gd`jh7 UgY Pump



## 1.概述

MS 型泵系 S 系列更新换代的高效节能新产品,广泛用于现代城市给排水、电站、工业流程系统的取水、加压、农田排灌及各种水利工程、石化工程等。

MS 型泵采用国家标准规范设计,其系列化、标准化、通用化程度高,性能优越、运行平稳、安全可靠。在设计中采用新结构、便于维护,维修和保养;采用新材料,可适用于多种介质的输送。

## 2.主要性能参数范围

- 泵出口直径 100~1200mm
- 流量 Q: 70~22392m<sup>3</sup>/h
- 扬程 H: 8~150m
- 工作温度 T: -20℃~200℃
- 固体颗粒 ≤80mg/L
- 工作许用压力 ≤4MPa
- 也可以根据用户要求设计性能参数。

## 3. 配套方案及适应场合

我们重视节能环保,通过分析介质及运行环境的要求,对过流部件采取最优的材质组合,以达到安全,可靠,经济运行。

## 1.General

MS type pump is S series of the renewal of energy-efficient products, widely used in modern urban water supply and sewerage, power generation, industrial process water intake, compression, irrigation systems and hydraulic engineering, petrochemical engineering and so on.

MS type pump adopts national standard specification for design, its serialization, standardization, high degree of generalization, superior performance, stable operation, safe and reliable. New structures be used in the design, easy to maintain, repair and maintenance; introducing new material may be applicable multiple media to delivery.

## 2.Main performance parameters

- Pump outlet diameter Dn: 100~1200mm
- Capacity Q: 70~22392m<sup>3</sup>/h
- Head H: 8~150m
- Temperature T: -20℃~200℃
- Solid parameter ≤80mg/L
- Permissible pressure ≤4MPa
- Users can also request design performance parameters.

## 3.Pump Supporting Program and Services

We value the energy saving and environmental protection, by analyzing the requirements of media and operation environment, adopt optimal combinations of materials at the parts contact with media, insure security, reliability, economical operation.

## 泵配套方案

## Pump Supporting Program

型 Type	**MS**-(L)	**MS**-(L)-M	**MS**-(L)-F	**MS**-(L)-Y
项目 Item 泵壳材质 Casing material	灰铸铁 Grey cast iron	球墨铸铁、铸钢、不锈钢等, 根据介质特征而定。 Ductile cast iron, cast steel, stainless steel and etc., based on media characteristics may be.	球墨铸铁、铸钢、不锈钢等, 根据介质特征而定。 Ductile cast iron, cast steel, stainless steel and etc., based on media characteristics may be.	镍铬铸铁, 不锈钢等。 Ni-Cr cast iron, stainless steel and etc.
叶轮、双吸密封环、轴套材质 Material of impeller, double suction seal ring and shaft sleeve.	灰铸铁 Grey cast iron	球墨铸铁、铸钢、不锈钢、青铜、硅黄铜等, 依据介质特征而定。 Ductile cast iron, cast steel, stainless steel, bronze, silicon brass and etc., based on media characteristics may be.	球墨铸铁、铸钢、不锈钢、青铜、硅黄铜等, 依据介质特征而定。 Cast Ductile iron, cast steel, stainless steel, bronze, silicon brass and etc., based on media characteristics may be.	铸铁, 不锈钢, 锡青铜、硅黄铜等, 依据介质特征而定。 Cast iron, stainless steel, tin bronze, silicon brass and etc., based on media characteristics may be.
轴材质 Shaft material	优质碳钢, 不锈钢等 High quality carbon steel, stainless steel and etc.	优质碳钢, 不锈钢等 High quality carbon steel, stainless steel and etc.	优质碳钢, 不锈钢等 High quality carbon steel, stainless steel and etc.	优质碳钢, 不锈钢等 High quality carbon steel, stainless steel and etc.
轴封形式 Type of shaft seal	填料, 机封, 软填料 Packing, mechanical seal, soft packing	填料, 机封, 软填料 Packing, mechanical seal, soft packing	填料, 机封, 软填料 Packing, mechanical seal, soft packing	填料, 机封, 软填料 Packing, mechanical seal, soft packing
结构特点 Structure feature	采用经济, 环保型材质 Use economic, environmentally friendly material	采用抗磨结构和耐磨材质 Use wear-resistant structure and wear-resistant materials	采用耐腐蚀材质和机械密封结构 Use corrosion-resistant materials and mechanical seal structure	采用机械密封和外加冷却系统结构 Use mechanical seal and external cooling system structure
输送的介质 Delivery media	用于清水或物理化学性质类似于水的液体输送。 For water or physics chemical properties of water-like liquid delivery.	用于河水等, 多泥沙介质的输送。 For River, sediment-laden media delivery.	用于各类腐蚀介质输送。 For all kinds of corrosive medium delivery.	用于各类油品输送 For all kinds of oil products delivery.
适应场合 Services	工业和城市给水、排水, 消防系统, 电厂, 空调水循环, 亦可用于农业排灌 Industrial and municipal water supply, drainage, fire control systems, power plants, air-conditioning water cycle, also can be used for agricultural irrigation and drainage	农田排灌, 水利工程。工业流程系统的取水加压。 Irrigation and water projects. Industrial process system water pressure.	硫酸磷肥业、有色金属冶炼业、氯碱业、煤碳工业、化工及其它企业。 Sulfuric acid phosphate fertilizer industry, metallurgy industry, chlor-alkali industry, coal industry, chemical industry and other businesses	石化工程, 石油输送等 Petrochemical Engineering. Oil transportation.

### 4.泵型号描述

例: 500MS35A-L-M(F,Y)-J

500 — 泵的吸入口径(mm)

MS — 单级双吸, 中开离心清水泵

35 — 设计点扬程(m)

A — 泵叶轮外径的改变(最大直径时不表示)

L — 立式机构

M — 耐磨型

F — 耐腐蚀型

Y — 耐油型

J — 泵转数改变(保持原来转速时不表示)

### 4.Description of Pump Type

For example: 500MS35A-L-M(F,Y)-J

500 The diameter of the inlet (mm)

MS Single stage double suction, centrifugal split case pump

35 Head(m)

A-Changed outer diameter of impeller (the max diameter without mark)

L-Vertical type

M-Anti-friction

F-Anti-corrosion

Y-Anti-oil

J-Pump speed changed(Maintain the speed without mark)

## 5. 结构特点

1) **泵壳结构:** 采用轴向中开结构, 吸入口与吐出口均在泵体上, 且均在垂直于轴线的平面内。便于管路布置, 便于检修(检修时, 拆开泵盖和转子部件即可, 无需拆卸进出口水管及原动机)。

2) **转子结构:** 采用双吸叶轮, 利用其叶片的对称布置, 达到平衡径向力之效果。叶轮依靠两侧的轴套和轴套螺母固定在轴上, 其轴向位置可通过调整轴套螺母, 准确对中。轴采用两端支撑结构, 通过弹性柱销联轴器直连原动机, 有效降低机械损失; 轴承为深沟球轴承, 油脂润滑, 运行平稳。与 S 泵比较, 具有以下优势: 轴套与叶轮之间的密封形式由轴向纸垫密封改为径向 O 型圈密封, 这有效地提高了轴套与叶轮之间的密封性能; 在轴套螺母与轴套之间增加一个短轴套, 短轴套与轴套之间采用 O 型圈密封, 这有效地提高了轴套与轴之间的密封性能, 防止了高压水腐蚀轴和轴承体; 尾端改用带槽锁紧圆螺母, 可以有效地防止因轴反转引起的螺母松动。

3) **涡室结构:** 泵体、泵盖和叶轮构成吸水室和压水室。在吸水室和压水室之间安装 O 环, 用以减少压水室的水漏回到吸水室, 从而减小容积损失, 同时对泵体起到有效地保护作用, 延长泵壳使用寿命。在进出法兰上, 预留真空表和压力表的安装管螺孔; 在进出水法兰的下部, 预留放水管螺纹孔接口, 便于自动化控制系统接入。

4) **轴封结构:** 轴封为填料密封或机械密封两种, 亦可根据特殊要求采用软填料密封。水封水(冲洗水)根据介质情况, 采用从压水室引出或外接供应。

## 5. Structure Feature

1) **Structure of casing:** Open structure in axial, inlet and outlet of the pump both on the pump body, and in the same plane perpendicular to the axis. Easy to lay pipes and repair (when repairing, open the pump cover and rotor parts without removing inlet and outlet of pipes and motor).

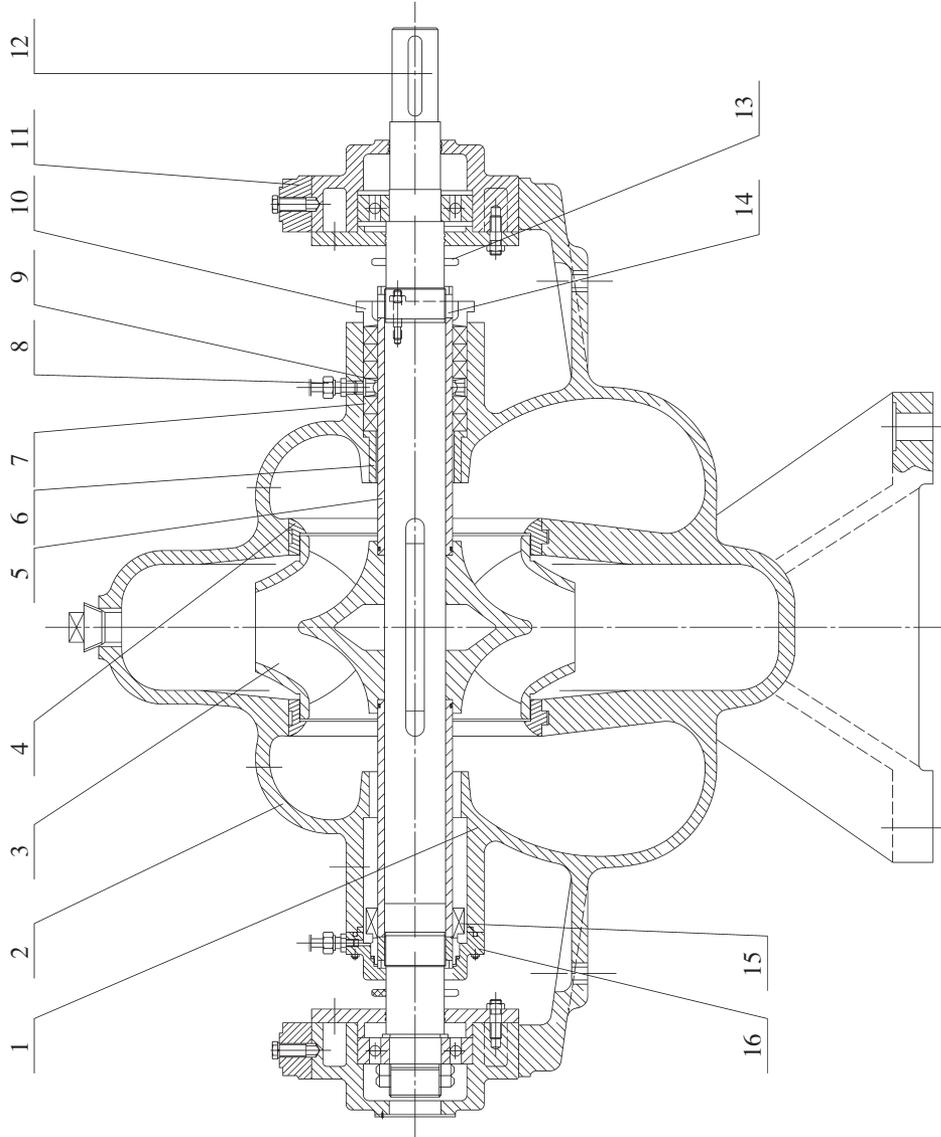
2) **Structure of rotor:** Adopt double-suction impeller, using its symmetric arrangement of leaves to balance the effect of the radial force. Impeller fixed on the shaft relying on either side of the shaft sleeve and sleeve nut, align axial position accurately by adjusting the sleeve nut. Both ends of the shaft support structure connect motor directly through elastic pin coupling, effectively reducing mechanical losses; deep groove ball bearings and grease lubrication insure smooth operation. Compares with S pump, MS pump has the following advantages: the axial paper pad seal between the sleeve and impeller was replaced the O type ring seal, this can improve the sealing effect that between the sleeve and the impeller effectively; a short shaft sleeve was added between the sleeve nut and shaft sleeve, and the seal between the short shaft sleeve and shaft sleeve use O type seal, this second seal can prevent the high pressure water's leakage, and then prevent the corrosion of the shaft and the bearing body caused by the high pressure water; the nut on impennage was replaced by the slotted locking nut, this can effectively prevent the nut's loosening because of the reversal of the shaft.

3) **Vortex structure:** Pump body, pump cover and impeller constitute the suction Chamber and water pressure Chamber. Install a seal ring between the suction chamber and water pressure chamber to reduce water leakage from water pressure Chamber back to the suction Chamber, which reduces the capacity of losses, while effectively protect the pump body, extending the life of pump case. On in and out of the flange, reserved the installation of spiral hole for vacuum and pressure gauges; on lower portion of in and out of the flange, reserved spiral hole of drainage for easy Automation Control System access.

4) **Structure of shaft seal:** There are packing seals and mechanical seals, may also adopt soft packing seals according to special requirements. Depending on the media properties water seal water (washing water) can use water of pressure chamber or external supply water.

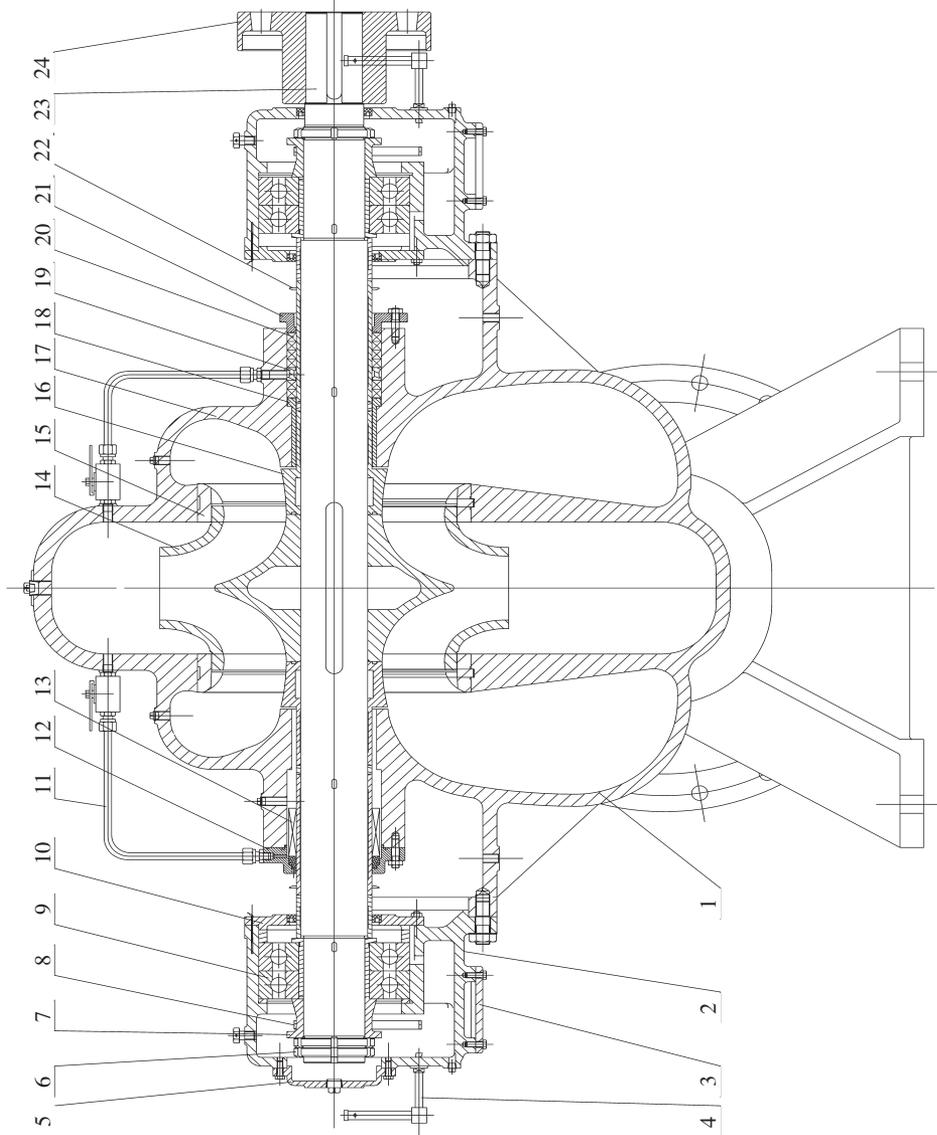
## 6. 产品结构图( Construction drawings )

结构形式 I (structure drawing I)



16	机封压盖	Seal gland
15	机械密封	Mechanical seal
14	轴套螺母	Shaft sleeve nut
13	挡水圈	Water fender ring
12	轴	Shaft
11	轴承	Bearing
10	填料压盖	Packing gland
9	填料环	Packing ring
8	水封管部件	Water sealing part
7	填料	Packing
6	填料套	Packing sleeve
5	轴套	Shaft sleeve
4	口环	Seal ring
3	叶轮	Impeller
2	泵盖	Casing cover
1	泵体	Casing
NO.	零件名称	Parts Name

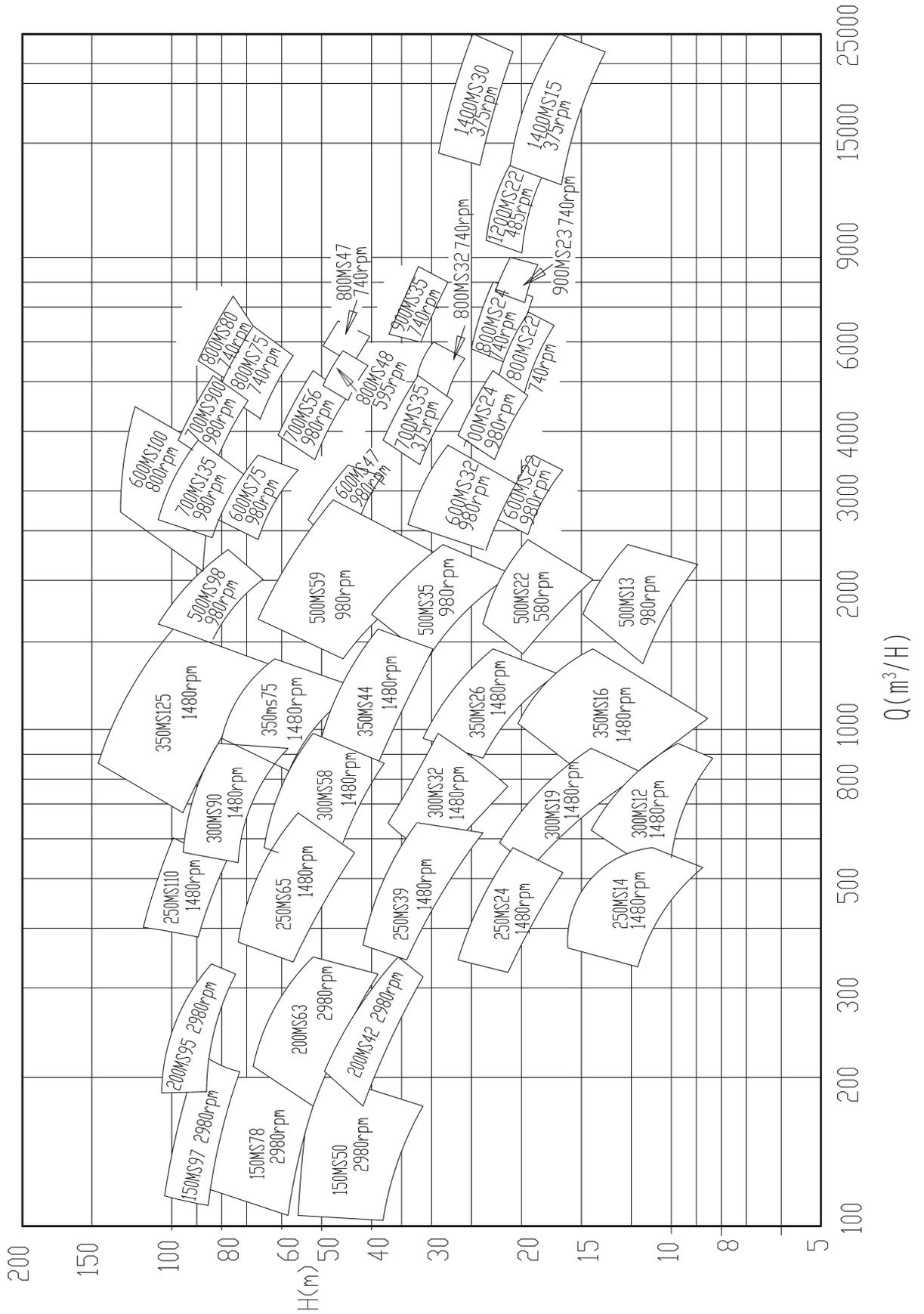
结构形式 II (structure drawing II)



NO.	零件名称	Parts
24	联轴器	Coupling
23	轴	Shaft
22	挡水圈	Ring or keeping off the water
21	填料压盖	Packing gland
20	填料	Gland packing
19	填料环	Seal cage
18	填料函衬套	Tuffing box bushing
17	泵盖	Casing cover
16	叶轮挡套	Impeller sleeve
15	口环	Impeller ring
14	叶轮	Impeller
13	机械密封	Mechanical seal
12	机封压盖	Mechanical seal cover
11	水封管部件	Water sealing pipe
10	轴承压盖	Bearing cover
9	深沟球轴承	Deep groove ball bearing
8	油环	Oil ring
7	轴承挡套	Bearing sleeve
6	圆螺母	Lock nut
5	轴承体端盖	Bearing support end cover
4	油位计部件	Oil gauge
3	冷却室盖	Cooling chamber cover
2	轴承体	Earing support
1	泵体	Casing

## 7. 型谱图(Hydraulic coverage)

型谱图(一) (Hydraulic coverage I)



## 8. 性能参数( Performance Data )

泵型号 Type		流量 Capacity		扬程 Head (m)	转速 Speed (r/min)	轴功率 Shaft power (kw)	配套功率 Motor power (kw)	效率 EFF (%)	汽蚀余量 (NPSH) <sub>r</sub> (m)	结构形式 The structural form
		(m <sup>3</sup> /h)	(l/s)							
150MS50		130	36.1	52	2980	25.3	37	72.9	3.2	结构形式 I Structure drawing I
		160	44.4	50		27.3		80	3.5	
		220	61.1	40		31.1		77.2	5.0	
	A	112	31.1	43.8	2980	18.5	30	72	3.0	
		144	40	40		20.9		75	3.5	
		180	50	35		24.5		70	4.1	
B	103	28.6	38	2980	17.2	22	65	2.7		
	133	36.9	36		18.6		70	3.3		
	160	44.4	32		19.4		72	3.5		
150MS78		126	35	84	2980	40	55	72	5.9	
		160	44.4	78		45		75	5.8	
		198	55	70		51		74	6.0	
	A	112	31.1	67	2980	30	45	68	5.9	
		144	40	62		33.8		72	5.8	
		180	50	55		33.5		70	6.0	
150MS97		126	35	104	2980	49	75	73	3.0	
		180	50	97		59		75	3.8	
		216	60	87		64		70	5.1	
	A	119	33	91	2980	42	75	70	3.0	
		170	47.2	85		50		78	3.5	
		204	56.6	76		55		77	4.6	
J	72	20	24	1480	6.5	11	73	2.3		
	90	25	22.5		7.5		74	2.6		
	108	30	20		8.5		70	2.9		
200MS42		216	60	48	2980	34.8	41	81	4.5	
		280	77.7	42		38.1		84.2	5.4	
		342	95	35		40.2		81	5.8	
	A	198	55	43	2980	30.5	37	76	4.6	
		270	75	36		33.1		80	5.6	
		310	86.1	31		34.4		76	5.8	
200MS63		216	60	69	2980	54.8	75	74	4.1	
		280	77.7	63		58.3		82.7	4.8	
		351	97.5	50		66.4		72	5.8	
	A	180	50	54.5	2980	41.1	55	70	3.4	
		270	75	46		45.1		75	4.5	
		324	90	37.5		47.3		70	5.8	
200MS95		183	50.8	103	2980	83.1	110	62	3.8	
		280	77.7	95		91.7		79.2	5.0	
		324	90	85		100		75	6.8	
	A	198	55	94	2980	74.5	110	68	4.0	
		270	75	87		85.5		75	4.5	
		310	86.1	80		91.1		74	6.0	
250MS14		360	100	17.5	1480	21.4	30	80	1.8	
		485	134.7	14		21.5		85.8	3.2	
		576	160	11		22.1		78	4.0	
	A	320	88.8	13.7	1480	15.4	22	78	2.5	
		430	119.4	11		15.8		82	3.6	
		504	140	8.6		15.8		75	4.3	
250MS24		360	100	27	1480	33.1	55	80	3.3	
		485	134.7	24		36.9		85.8	3.8	
		576	160	19		36.4		82	4.9	
	A	342	95	22.2	1480	25.8	30	80	3.2	
		414	115	20.3		27.6		83	3.5	
		482	133.8	17.4		28.6		80	3.7	

泵型号 Type		流量 Capacity		扬程 Head	转速 Speed	轴功率 Shaft power	配套功率 Motor power	效率 EFF	汽蚀余量 (NPSH) <sub>r</sub>	结构形式 The structural form
		(m <sup>3</sup> /h)	(l/s)							
250MS39		360	100	42.5	1480	54.8	75	76	2.6	结构形式 I Structure drawing I
		485	134.7	39		61.5		84	3.3	
		612	170	32.9		68.6		79	4.2	
	A	324	90	35.5	42.5	74	2.5			
		468	130	30.5	1480	49.3	55	79	3.2	
		576	160	25	50.9	77	4.0			
250MS65		360	100	71	1480	92.8	132	75	3.3	
		485	134.7	65		109		79	3.5	
		612	170	56		129.6		72	5.3	
	A	338	93.8	60	73.6	74	3.4			
		462	128.3	53	1480	84.4	110	77	3.6	
		535	148.6	49	95.2	75	5.9			
250MS110		400	111.1	115	1480	169	250	74	2.1	
		545	151.3	110		206.6		79	2.3	
		600	166.6	102.4		217		77	2.9	
300MS12		612	170	14.5	1480	30.2	37	80	5.2	
		790	219.4	11.25		31.1		85	6.3	
		900	250	10		33.1		74	7.0	
	A	515	143	11.5	22.1	72	5.2			
		675	187.5	9.7	1470	22.9	30	78	5.8	
		781	216.9	8.5	23.8	76	6.7			
300MS19		612	170	22	1480	45.9	55	80	4.8	
		790	219.4	19		47		87	5.7	
		935	259.7	14		47.6		75	6.5	
	A	485	134.7	18.5	34.4	71	4.2			
		693	192.5	14.8	1480	34.9	45	80	5.2	
		798	221.6	12.1	35.1	75	5.8			
300MS32		612	170	38	1480	76.2	110	83	3.2	
		790	219.4	32		79.2		87	4.8	
		960	266.6	29		95		80	6.7	
	A	537	149.1	29.5	53.9	80	2.8			
		702	195	24.7	1480	56.2	75	84	4.4	
		720	200	22.8	62.9	78	4.5			
300MS58		576	160	65	1480	136	185	75	3.2	
		790	219.4	58		148.5		84	4.8	
		972	270	50		165.5		80	6.0	
	A	529	146.9	55	99.2	79	3.3			
		720	200	49	1480	118.6	160	81	5.0	
		893	248	42	131	78	6.5			
B	504	140	47.2	88.8	73	4.0				
	684	190	43	1480	100	132	90	5.3		
	835	231.9	37	108	78	7.0				
300MS90		590	163.8	93	1480	202	280	74	5.4	
		790	219.4	90		242		80	5.8	
		936	260	82		279		75	6.5	
	A	576	160	86	190	71	5.5			
		756	210	78	1480	217	280	74	6.1	
		918	255	70	247	71	6.7			
	B	540	150	72	151	70	5.5			
		720	200	67	1480	180	220	73	6.2	
		900	250	57	200	70	7.2			

泵型号 Type		流量 Capacity		扬程 Head (m)	转速 Speed (r/min)	轴功率 Shaft power (kw)	配套功率 Motor power (kw)	效率 EFF (%)	汽蚀余量 (NPSH) <sub>r</sub> (m)	结构形式 The structural form
		(m <sup>3</sup> /h)	(l/s)							
350MS16		972	270	20	1480	64	90	83	5.0	结构形式 I Structure drawing I
		1260	350	16		64.5		86	5.2	
		1440	400	13.4		71		74	5.2	
	A	800	222.2	13.7	40.3	55	74	5.1		
		967	268.6	11.5	38.8		78	5.4		
		1167	324.1	8.6	39		70	6.5		
350MS26		972	270	32	1480	99.7	132	85	3.2	
		1260	350	26		101.5		88	4.8	
		1440	400	22		105		82	7.2	
	A	843	234.1	24.7	70.9	90	80	3.3		
		1088	302.2	20.4	72.8		83	5.0		
		1264	351.1	15.7	74		73	5.9		
350MS44		972	270	50	1480	164	220	81	4.6	
		1260	350	44		177.6		87	5.8	
		1476	410	37		189		79	7.6	
	A	876	243.3	42	125.2	200	80	4.7		
		1260	350	37	151.1		84	6.5		
		1476	410	31	155.8		80	8.0		
350MS75		972	270	80	1480	271	355	78	3.5	
		1260	350	75		304		85	4.8	
		1440	400	65		349		80	6.0	
	A	900	250	70	220	280	78	3.4		
		1170	325	65	247		84	5.0		
		1332	370	56	257		79	7.8		
B	813	225.8	57	168	220	75	3.5			
	1060	294.4	53	187		82	5.2			
	1202	333.8	45.8	195		77	8.0			
350MS125		850	236.1	140	1480	462	710	70	4.5	
		1260	350	125		531		81	5.0	
		1660	461.1	100		623		72.5	5.8	
	A	787	218.6	120	367	560	70	4.7		
		1157	321.3	107	432		78	5.2		
		1538	427.2	86	515		70	6.0		
B	697	193.6	94	255	400	70	5.0			
	1027	285.2	84	305		77	5.4			
	1363	378.6	67	343		72.5	7.5			
500MS13		1620	450	15	980	83.8	110	79	4.8	
		2020	561.1	13		86.2		83	5.2	
		2340	650	10.4		82.8		80	7.0	
500MS22		1620	450	24.5	980	140.4	185	77	4.5	
		2020	561.1	22		144.1		84	5.0	
		2340	650	19.4		145.5		85	7.0	
	A	1400	388.8	20	103	132	74	4.6		
		1746	485	17	101		80	5.2		
		2020	561.1	14	93.9		82	7.8		
500MS35		1620	450	40	980	207.6	280	85	3.2	
		2020	561.1	35		219		88	4.0	
		2340	650	28		209.9		85	5.8	
	A	1400	388.8	31	144	220	82	3.5		
		1746	485	27	151		85	4.3		
		2020	561.1	21	138		84	7.0		

泵型号 Type		流量 Capacity		扬程 Head (m)	转速 Speed (r/min)	轴功率 Shaft power (kw)	配套功率 Motor power (kw)	效率 EFF (%)	汽蚀余量 (NPSH) <sub>r</sub> (m)	结构形式 The structural form
		(m <sup>3</sup> /h)	(l/s)							
500MS59		1620	450	68	980	379.7	450	79	4.0	结构形式 I Structure drawing I
		2020	561.1	59		391		83	5.0	
		2340	650	47		374.4		80	6.5	
	A	1500	416.6	57	315	400	74	4.5		
		1872	520	49	333		75	5.6		
		2170	602.7	39	320		72	8.0		
B	1400	388.8	46	240.2	315	73	4.8			
	1746	485	40	257		74	5.9			
	2020	561.1	32	247.9		71	9.5			
500MS98		1620	450	114	980	644.8	800	78	4.0	
		2020	561.1	98		678		79.5	4.2	
		2340	650	79		68.3		74	4.6	
	A	1500	416.6	96	509.3	630	77	4.0		
		1872	520	83	540		78.5	4.2		
		2170	602.7	67	542.4		73	5.5		
B	1400	388.8	86	431.4	560	76	4.0			
	1746	485	74	452		78	4.2			
	2020	561.1	59	432.8		75	5.8			
600MS22		2536	704.4	27.6	980	226.8	250	86	7.0	
	3241	900.2	22	231.8		88		7.0		
	3804	1056.6	18	232.1		79		7.5		
600MS32		2700	750	33.5	980	291	400	85	6.5	
		3240	900	32		317		89	6.5	
		3600	1000	26		298		84	6.8	
	A	2520	700	25.5	205.8	250	85	6.5		
		3000	833.3	23	211		89	6.5		
		3165	879.1	19.2	196.9		84	7.2		
600MS47		2160	600	56.6	980	415.4	560	80	6.0	
		3170	880.5	47		455.9		88	6.5	
		3600	1000	40.5		461.7		86	7.5	
	A	2400	666.6	45	352.5	500	83.5	6.2		
		2920	811.1	42	380		88	7.0		
		3500	972.2	35	402.2		83	7.8		
600MS75		2592	720	78	980	644.3	900	87	4.5	
		3060	850	75		694.4		88	7.5	
		3600	1000	69		760		80	8.5	
	A	2338	649.4	63.5	467	710	85.5	4.5		
		3084	856.6	57.8	539		90	7.6		
		3248	902.2	56.2	552		89	8.7		
600MS100		2592	720	103	980	870	1250	80	6.0	
		3240	900	100		1003		88	6.2	
		3888	1080	96		1100		89	7.8	
	A	2352	653.3	91	620	900	80	6.0		
		2940	816.6	87.5	710		88	6.2		
		3528	980	84	800		86	8.0		
700MS24		3840	1066.6	31	980	395	400	81	5.6	
	4800	1333.3	24	352.5		89		8.0		
	5760	1600	18	340		82		11		
700MS35		3840	1066.6	42	980	522.9	630	86	4.5	
		4800	1333.3	36		580.5		90	5.8	
		5760	1600	28		630.2		81	9.0	
	A	3600	1000	38	447.9	500	85	4.5		
		4500	1250	32.5	480.9		89	6.5		
		5400	1500	24	530.5		80	11		

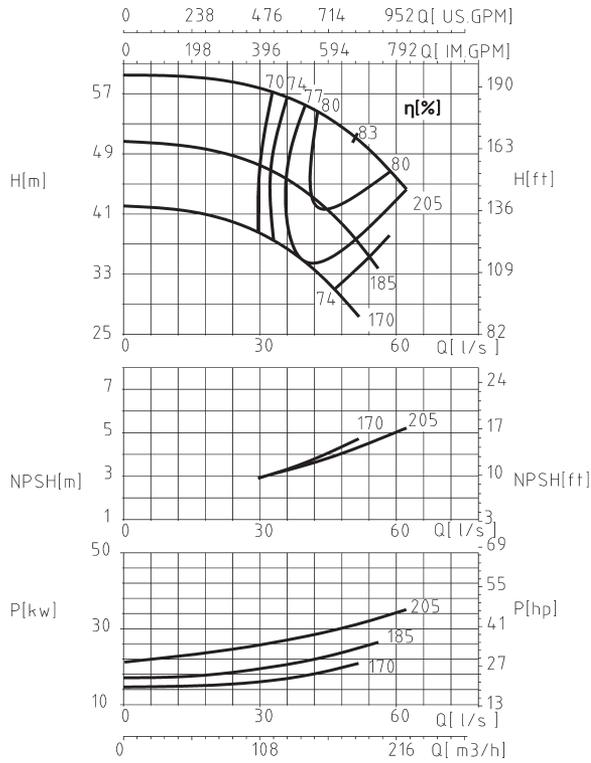
泵型号 Type		流量 Capacity		扬程 Head	转速 Speed	轴功率 Shaft power	配套功率 Motor power	效率 EFF	汽蚀余量 (NPSH) <sub>r</sub>	结构形式 The structural form
		(m <sup>3</sup> /h)	(l/s)							
700MS56		3840	1066.6	64	980	770	900	87	5.0	结构形式 II Structure drawing II
		4800	1333.3	56		813.4		90	9.0	
		5760	1600	47		910		83	14.5	
A	3400	944.4	56	980	620	800	84	3.5		
	4500	1250	51		702.2		89	9.5		
	5400	1500	39		755		80	15.5		
700MS90		4000	1111.1	97	980	1201	1600	88	6.5	
		4700	1305.5	90		1281		90	7.5	
		5500	1527.7	77		1358		85	9.5	
700MS135		2720	755.5	137	800	1335.3	1800	76	4.5	
		3400	944.4	135		1524.4		82	5.8	
		4080	1133.3	130		1699.3		87	7.2	
800MS22		4320	1200	25	730	358	450	82	7.0	
		5500	1527.7	22		370		89	7.0	
		6840	1900	19		385		86	7.5	
800MS24		5250	1458.3	27.5	730	479	560	82	9.0	
		7000	1944.4	24		506		90	9.0	
		8400	2333.3	200		532		86	9.3	
A	4840	1344.4	23.6	730	382	500	81.5	9.0		
	6250	1736.1	21		406		88	9.0		
	7740	2150	17.2		429		84.5	10.5		
800MS32		4320	1200	35	730	502.2	630	82	7.0	
		5500	1527.7	32		538.5		89	7.0	
		6480	1800	29		588.2		87	7.8	
A	3500	972.2	30	730	353	500	81	7.0		
	4950	1375	26		398.3		90	7.0		
	6000	1666.6	23		437		88	11.0		
800MS47		4320	1200	51	730	740.7	900	81	5.8	
		5500	1527.7	47		782.2		90	7.8	
		6480	1800	42		842.2		88	9.0	
	A	3500	972.2	45	730	529.5	800	81	6.2	
		5070	1408.3	40		620.5		89	9.0	
		6000	1666.6	36		684		86	10.8	
J	3000	833.3	35	590	357.4	450	80	3.8		
	4400	1222.2	30		403.9		89	4.2		
	5200	1444.4	26		428.1		86	5.0		
800MS48		4056	1126.6	57	595	777	1000	85	4.2	
		5070	1408.3	48.5		752		89	7.2	
		6084	1690	39		734		88	8.0	
800MS75		5920	1644.4	76	740	1426	1600	86	4.5	
		7360	2044.4	72		1570		92	5.0	
		8075	2243	69		1760		89	6.8	
	A	4750	1319.4	61	740	929	1400	85	4.0	
		6080	1688.8	58		1056		91	11.0	
		6745	1873.6	55		1162		87	13.0	
B	4370	1213.8	55	740	777	1120	84.3	4.0		
	5550	1541.6	52.3		876		90.3	10.0		
	6175	1715.2	49.5		965		86.3	13.0		
800MS80		5356	1487.7	87	740	1540	2000	86	7.3	
		6696	1860	80		1603		91	8.0	
		8035	2231.9	72		1720		90	8.6	
900MS23		6000	1666.6	27.5	730	630	630	79	8.4	
		7500	2083.3	23		610		86	8.6	
		9000	2500	18		590		84	9.3	

泵型号 Type		流量 Capacity		扬程 Head (m)	转速 Speed (r/min)	轴功率 Shaft power (kw)	配套功率 Motor power (kw)	效率 EFF (%)	汽蚀余量 (NPSH) <sub>r</sub> (m)	结构形式 The structural form
		(m <sup>3</sup> /h)	(l/s)							
900MS35		6048	1680	39.5	730	750	1000	86	5.8	结构形式 II Structure drawing II
		7560	2100	35		800.6		90	7.0	
		9072	2520	30.5		890		86	7.5	
	A	5760	1600	35	615	800	86	5.9		
		7200	2000	31	683		89	7.2		
		8640	2400	25	705		84	7.8		
1200MS22		7920	2200	25.5	485	644	1120	85.5	5.6	结构形式 II Structure drawing II
		9612	2670	22		662		87	5.6	
		10800	3000	18		638		83	6.5	
1200MS32		8640	2400	35	595	992	1400	83	5.5	
		10800	3000	32		1082		87	6.8	
		12960	3600	26		1073		85.5	8.3	
1400MS15		16056	4460	21.5	375	1076	1250	87.4	6.8	
		20415	5670.8	18.1		1132		88.9	7	
		23292	6470	15		1125		87.4	7.8	
1400MS30		16812	4670	30	375	1615	2000	84	7.1	
		20556	5710	27		1674		85.6	8.2	
		22392	6220	24.3		1636		90	8.7	

## 9. 性能曲线 (Performance Curve)

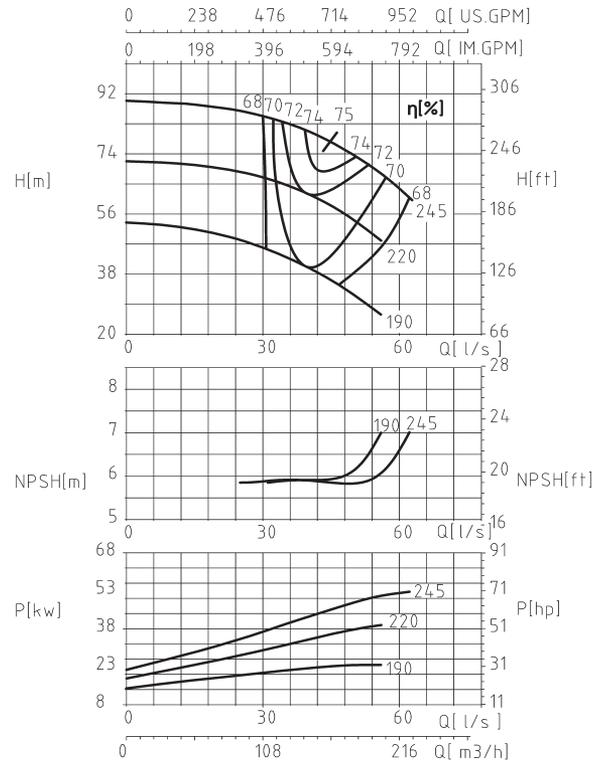
**150MS50**

**2980 r/min**



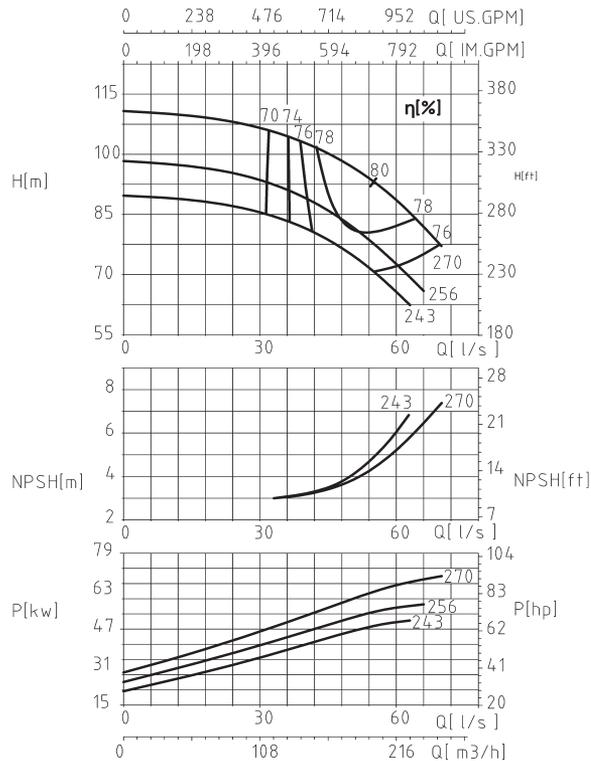
**150MS78**

**2980 r/min**



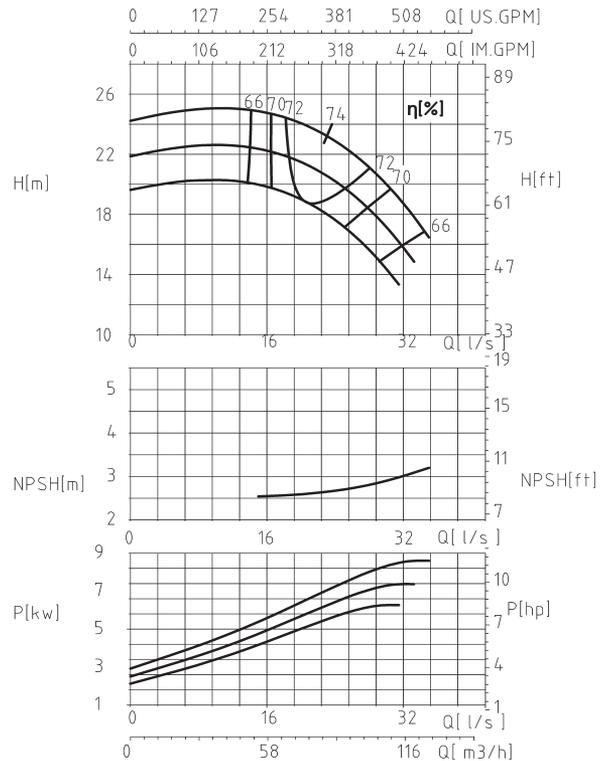
**150MS97**

**2980 r/min**



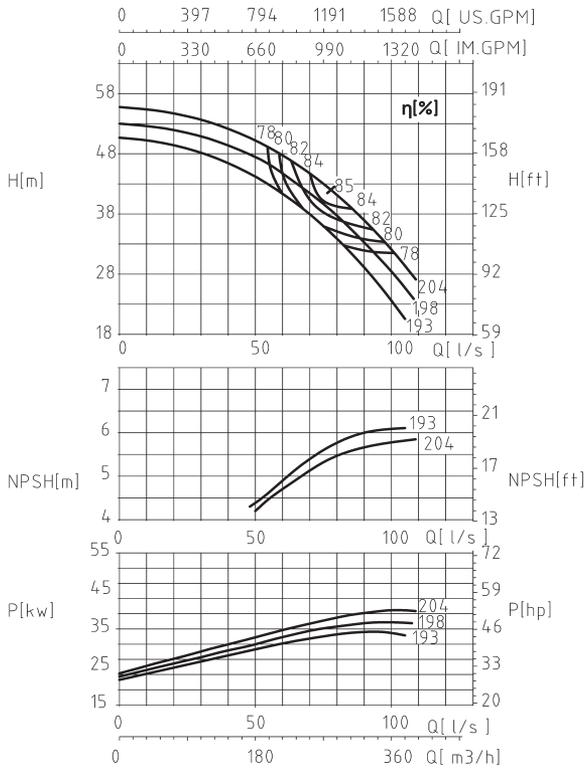
**150MS97J**

**1480 r/min**



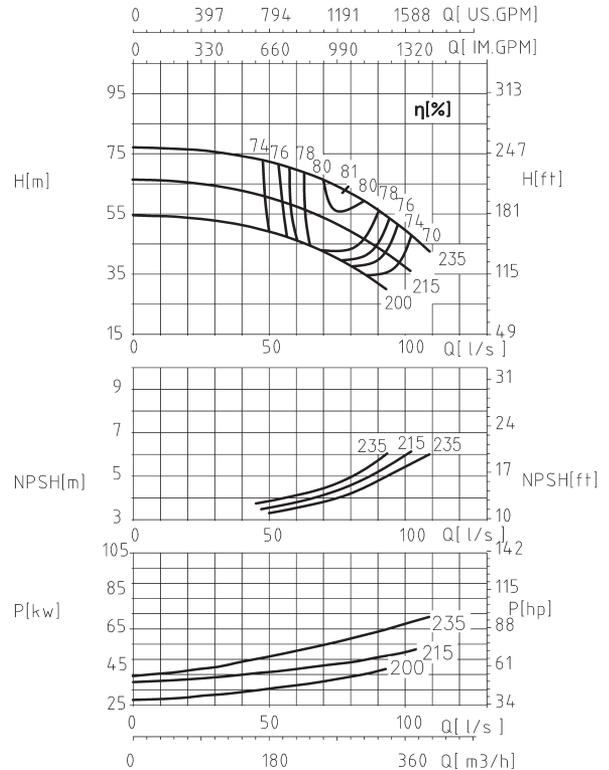
**200MS42**

**2980 r/min**



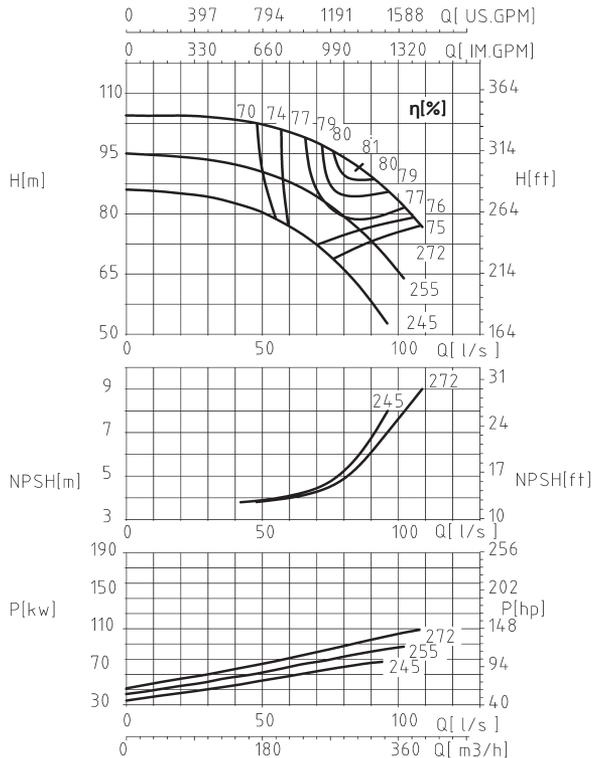
**200MS63**

**2980 r/min**



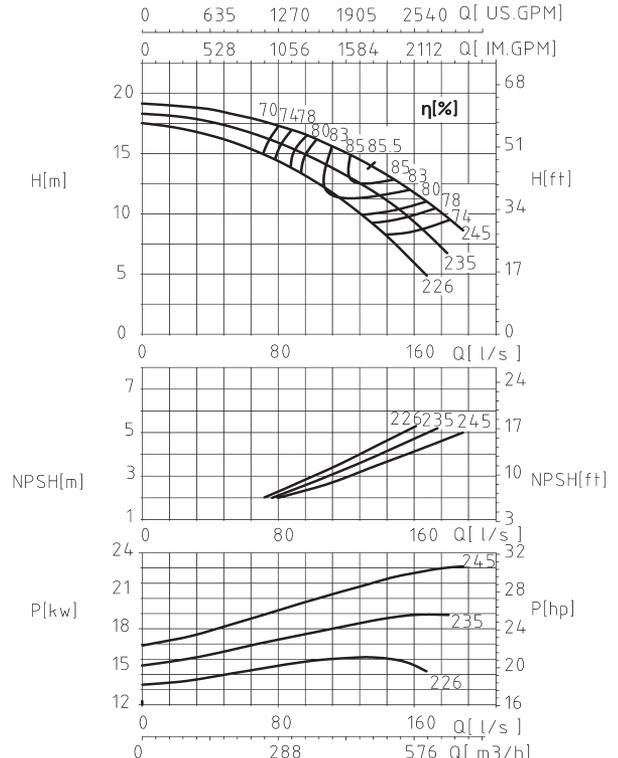
**200MS95**

**2980 r/min**



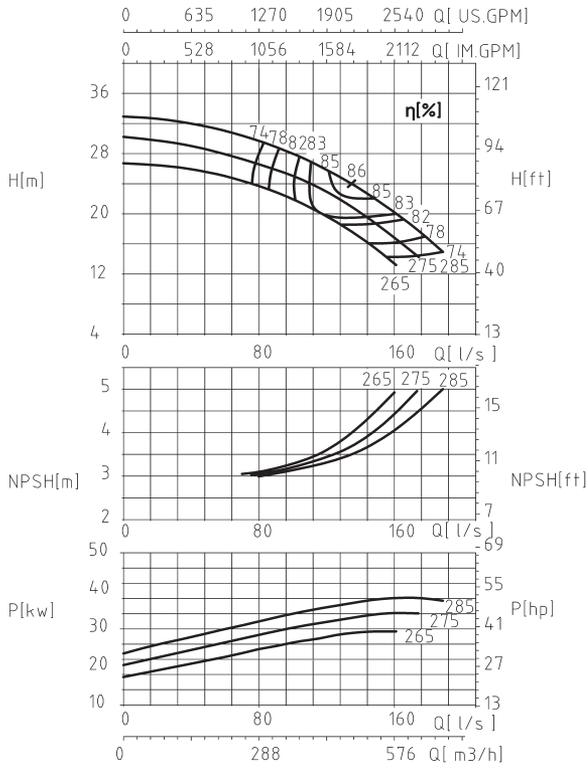
**250MS14**

**1480 r/min**



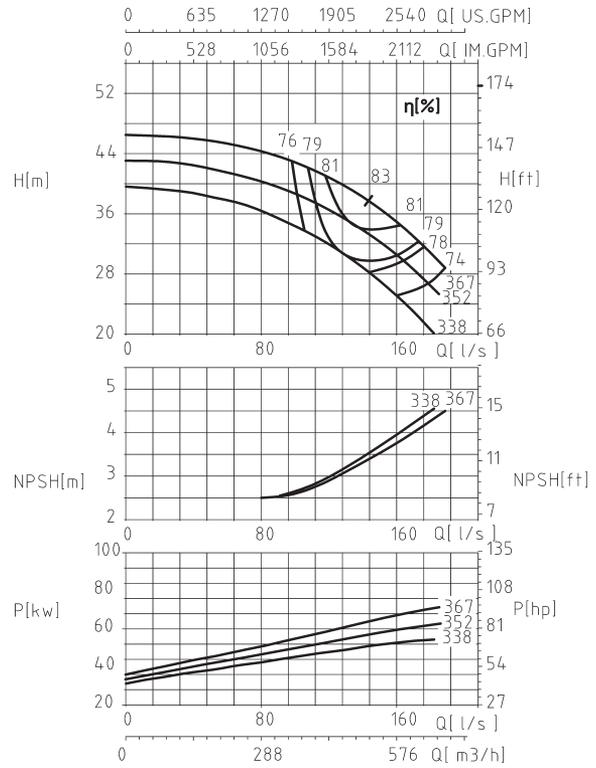
**250MS24**

**1480 r/min**



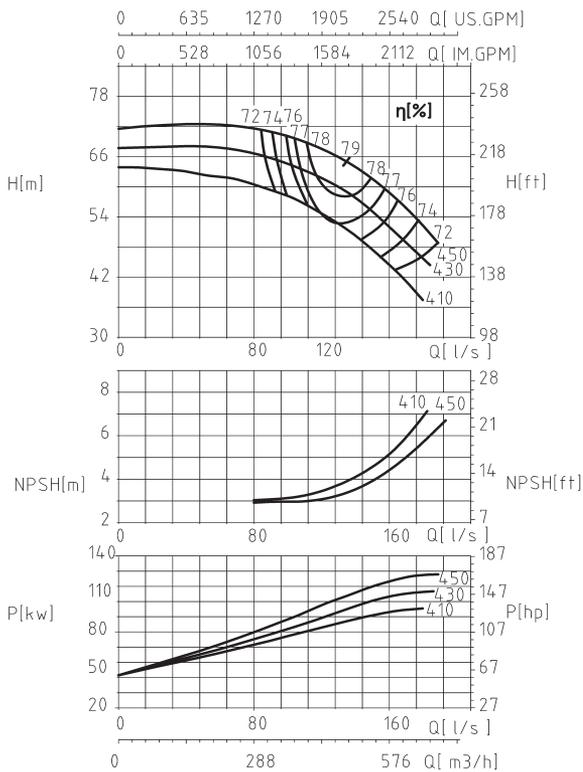
**250MS39**

**1480 r/min**



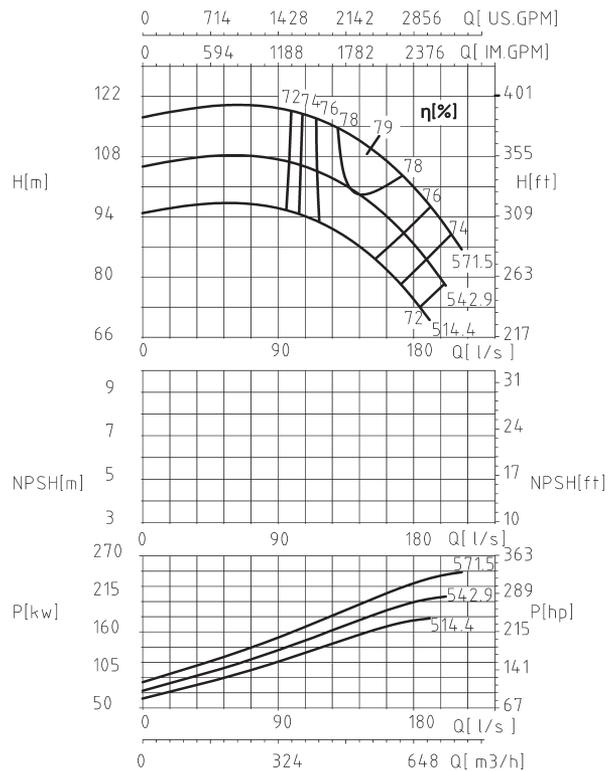
**250MS65**

**1480 r/min**



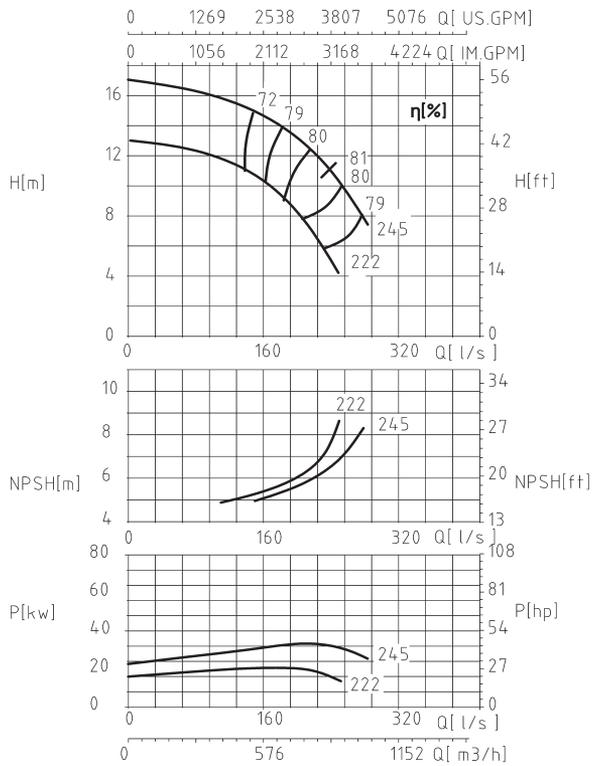
**250MS110**

**1480 r/min**



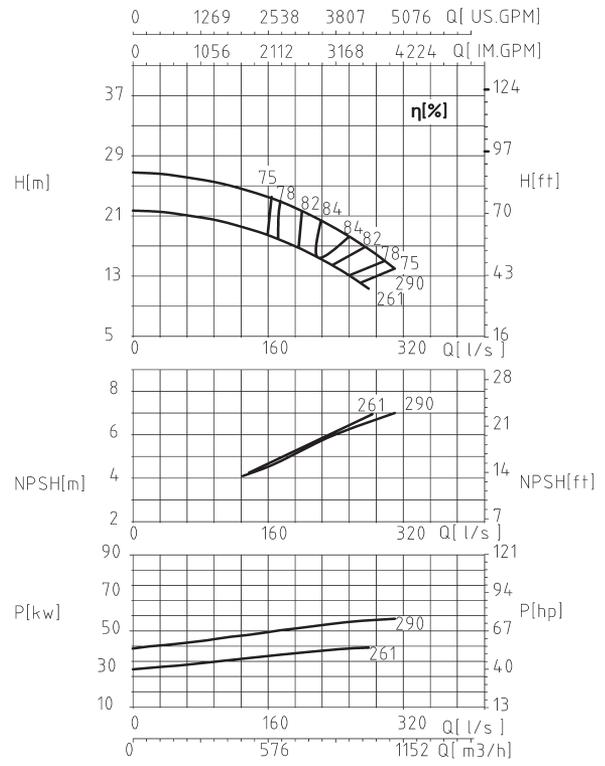
### 300MS12

1480 r/min



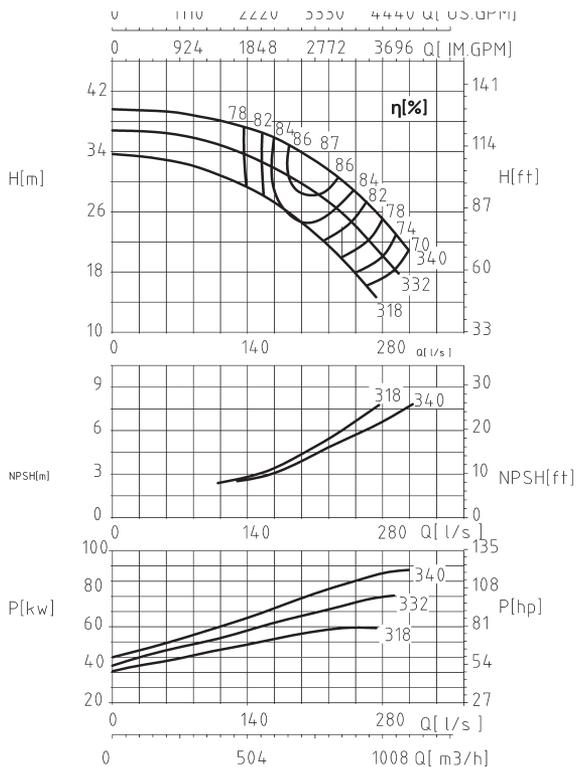
### 300MS19

1480 r/min



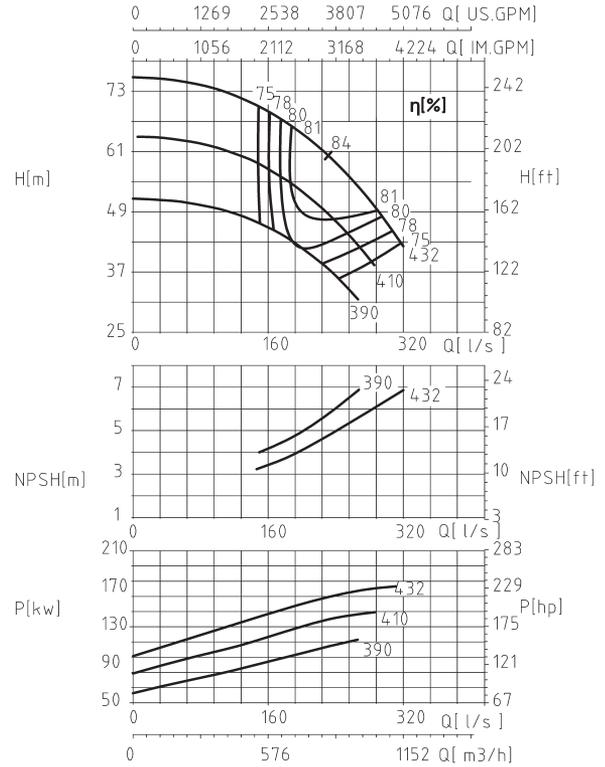
### 300MS32

1480 r/min



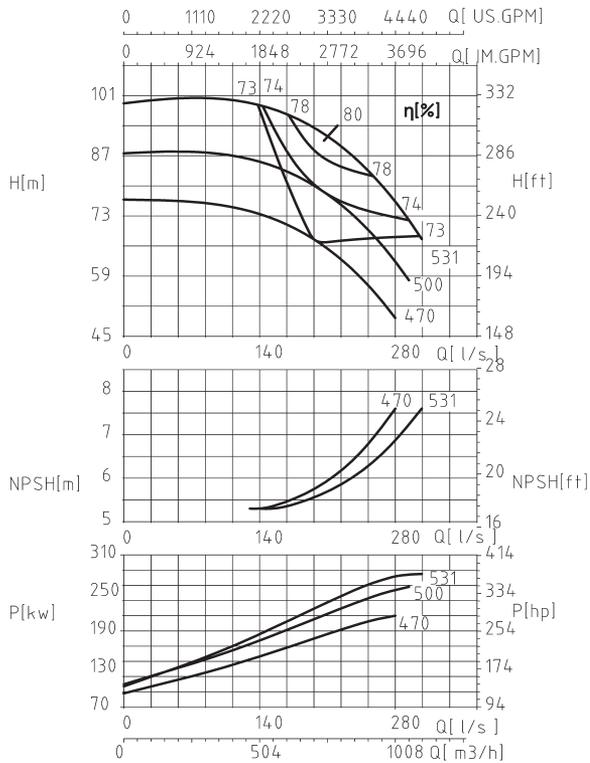
### 300MS58

1480 r/min



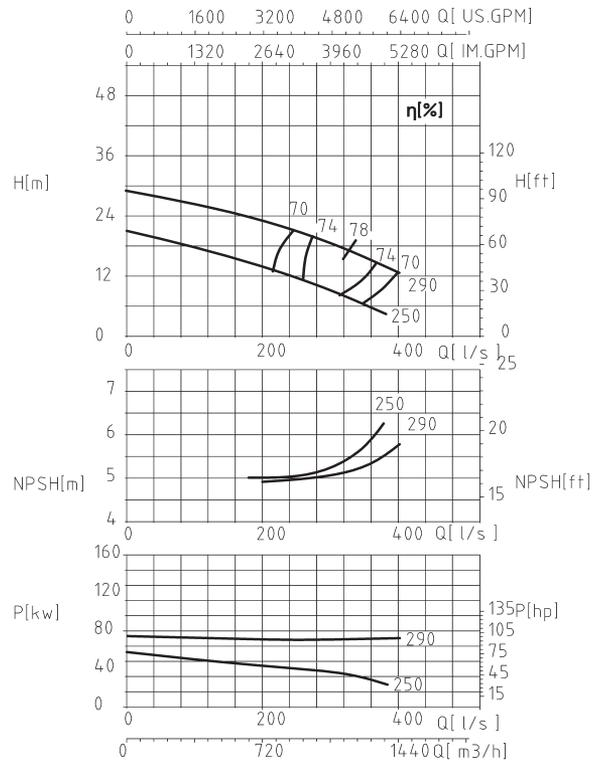
## 300MS90

1480 r/min



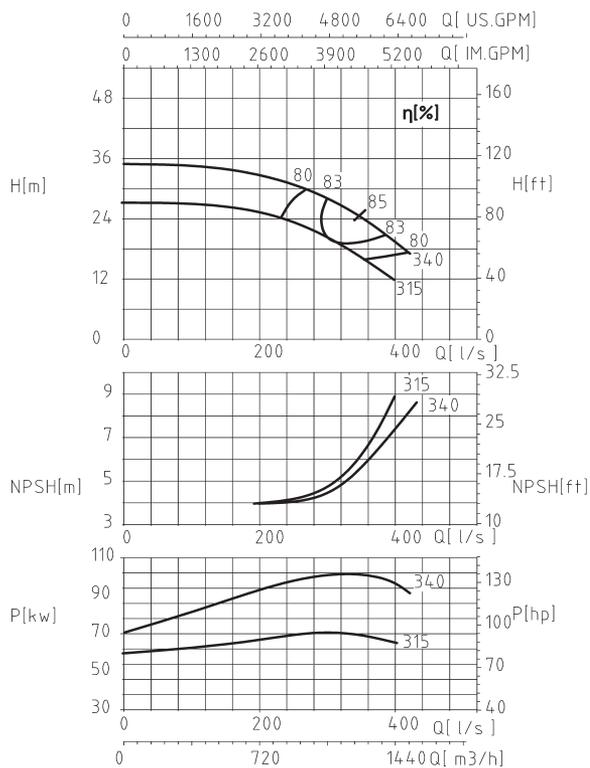
## 350MS16

1450 r/min



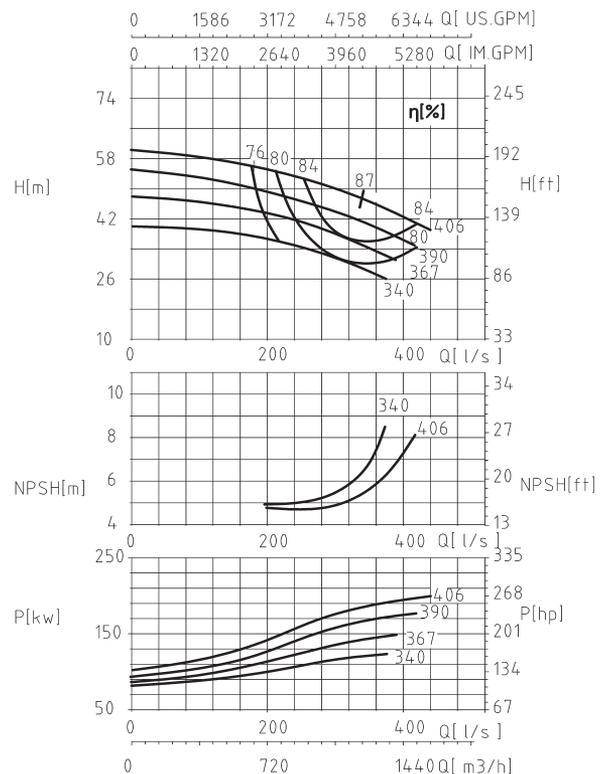
## 350MS26

1480 r/min



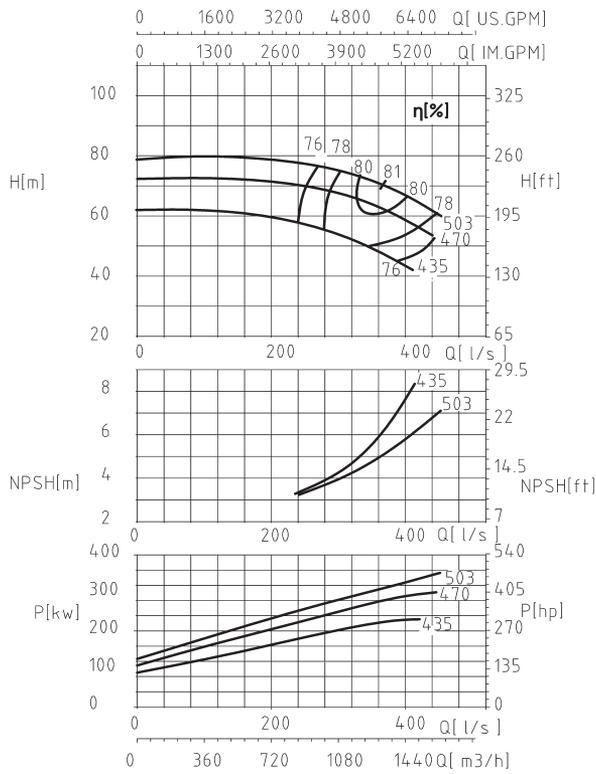
## 350MS44

1480 r/min



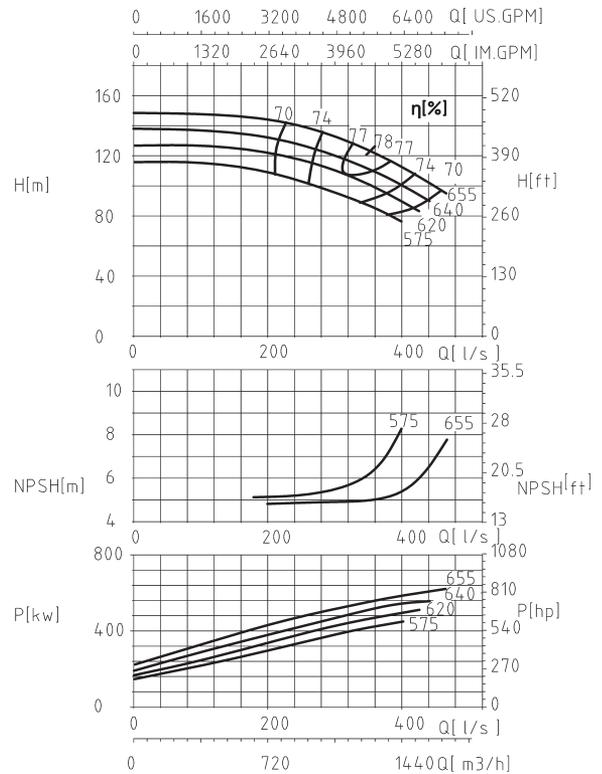
**350MS75**

**1480 r/min**



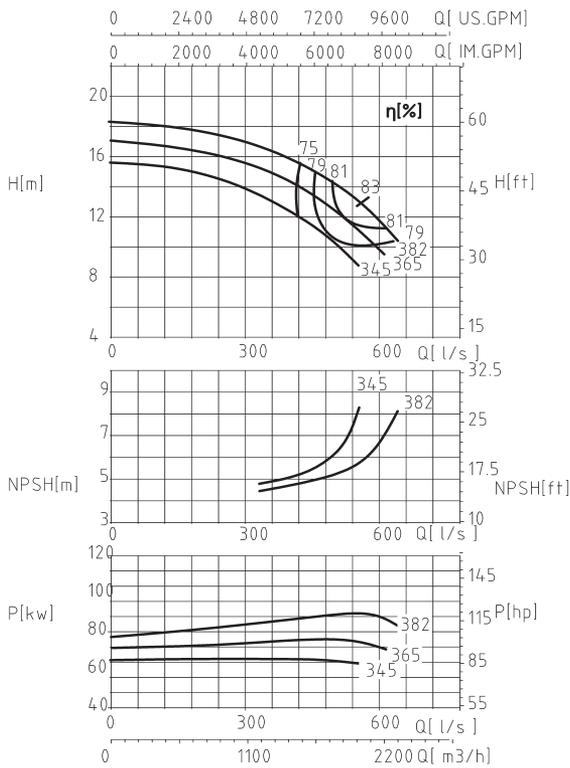
**350MS125**

**1480 r/min**



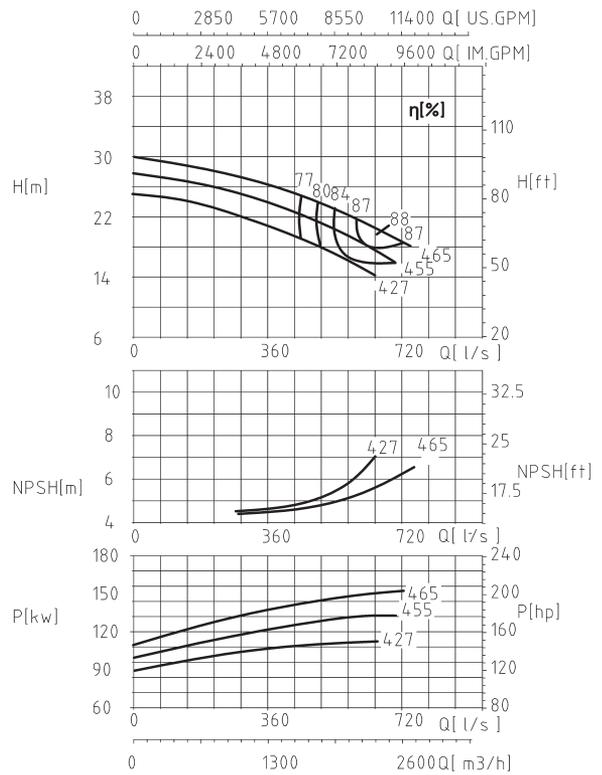
**500MS13**

**980 r/min**



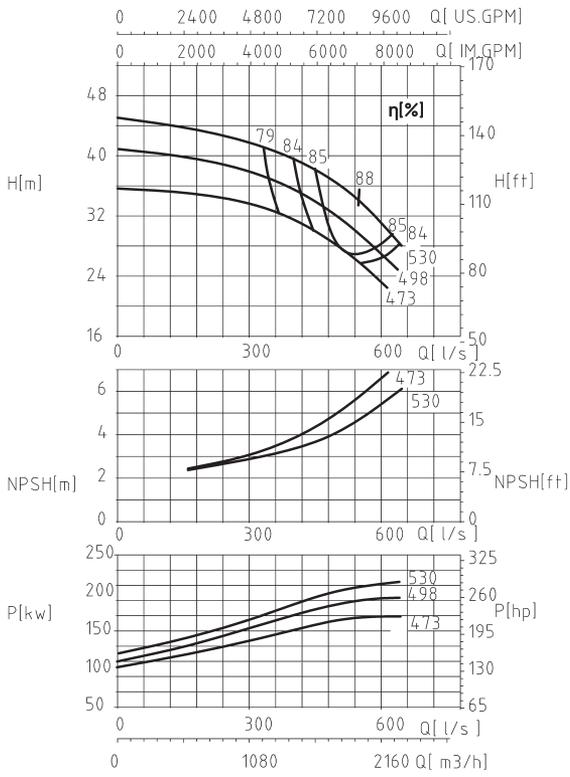
**500MS22**

**980 r/min**



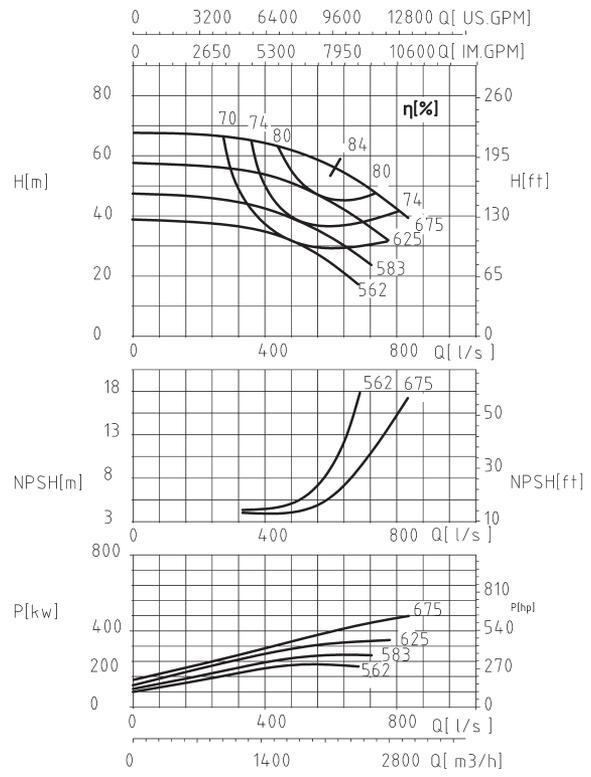
## 500MS35

980 r/min



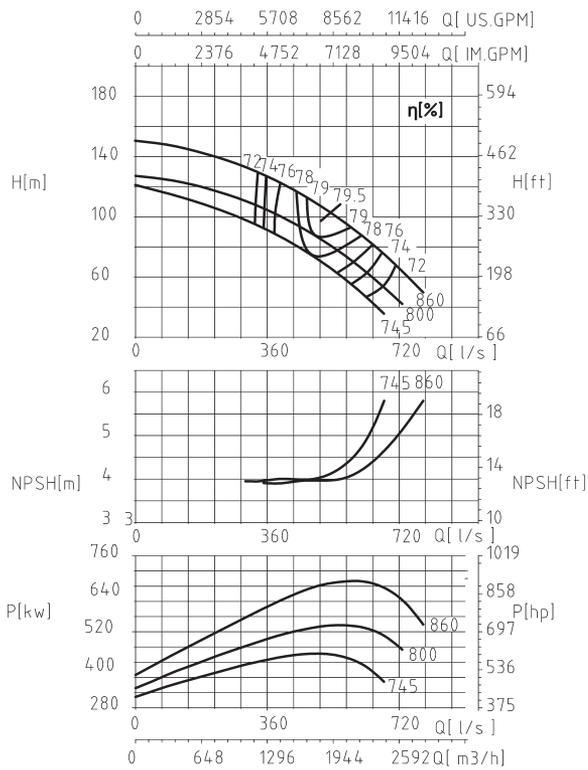
## 500MS59

980 r/min



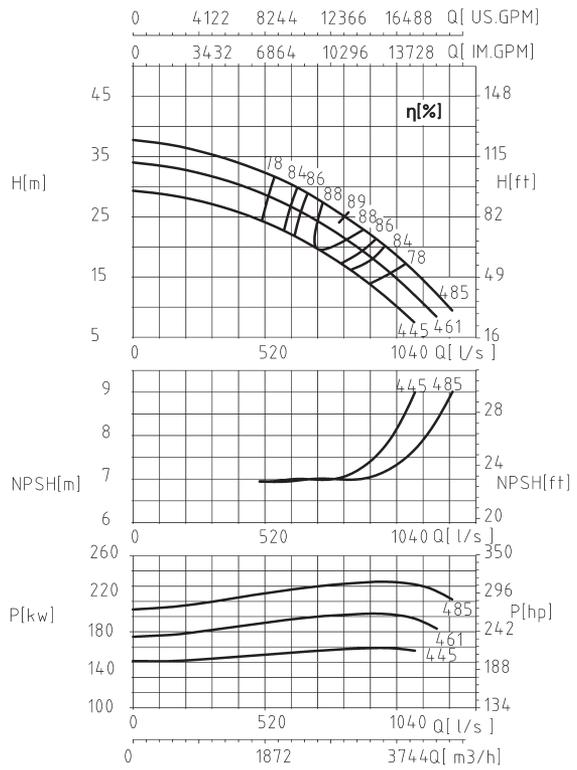
## 500MS98

980 r/min



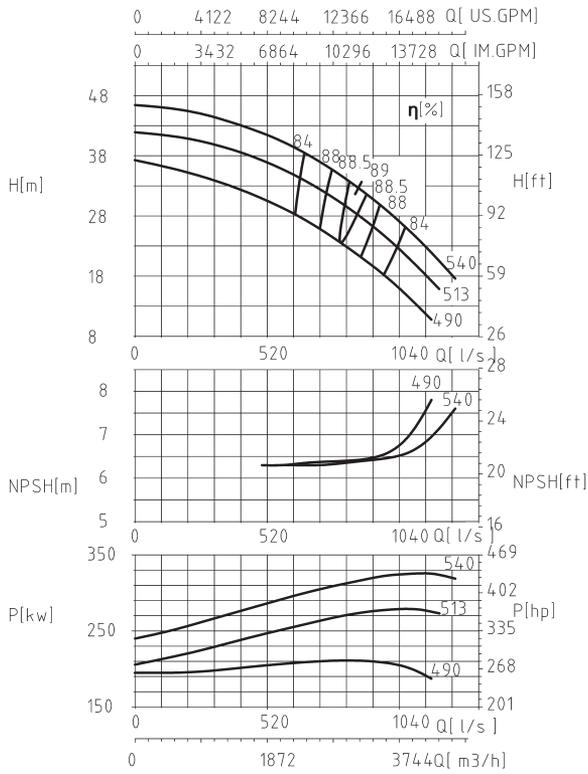
## 600MS22

980 r/min



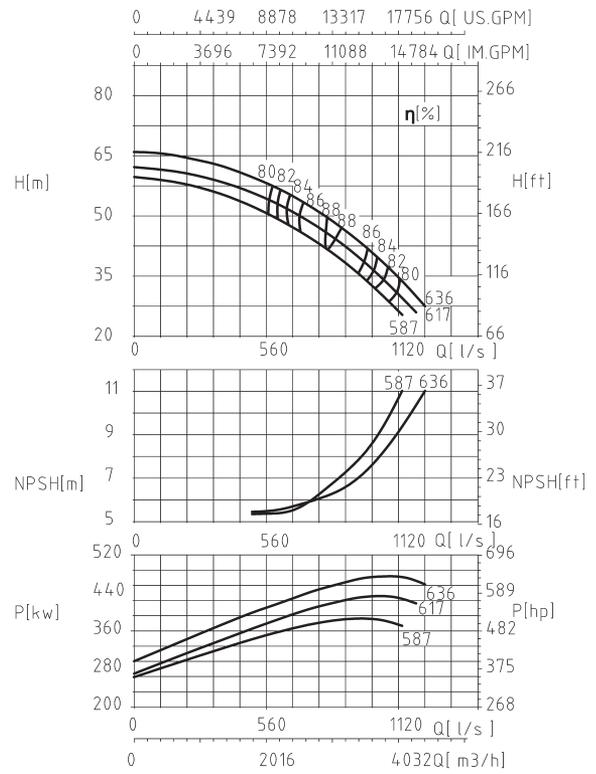
## 600MS32

980 r/min



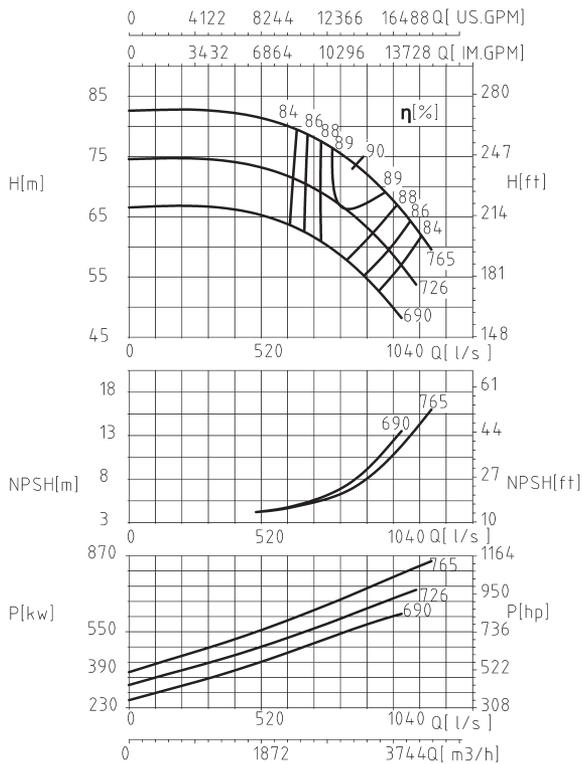
## 600MS47

980 r/min



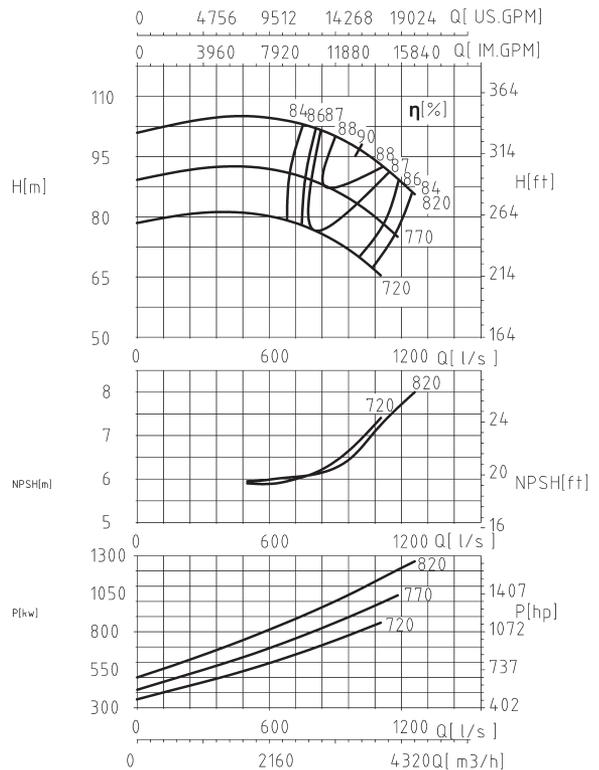
## 600MS75

980 r/min



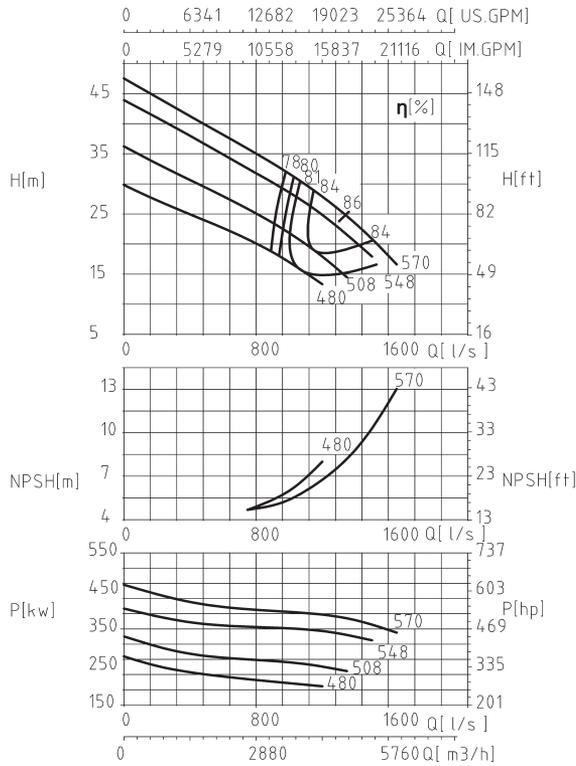
## 600MS100

980 r/min



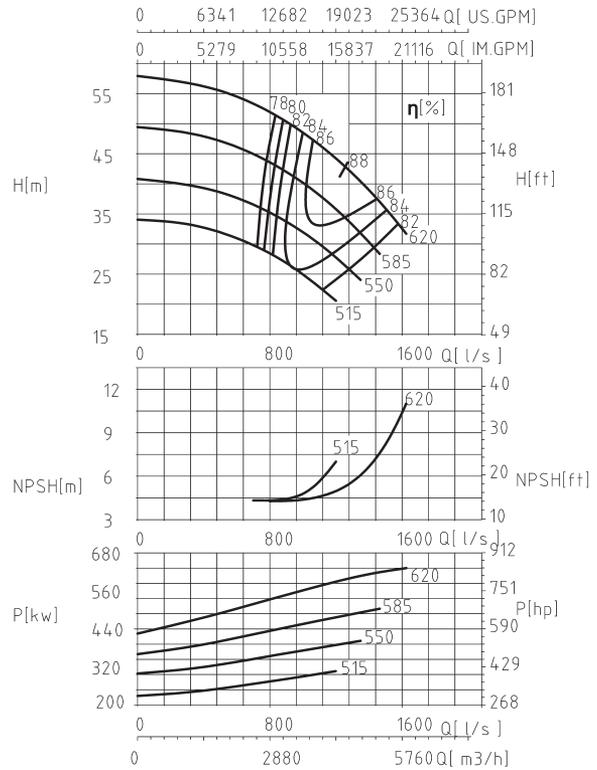
**700MS24**

**980 r/min**



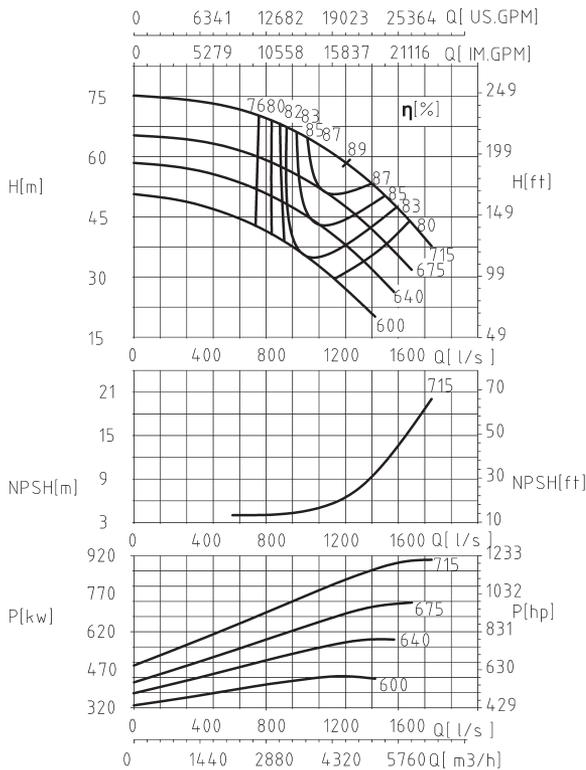
**700MS35**

**980 r/min**



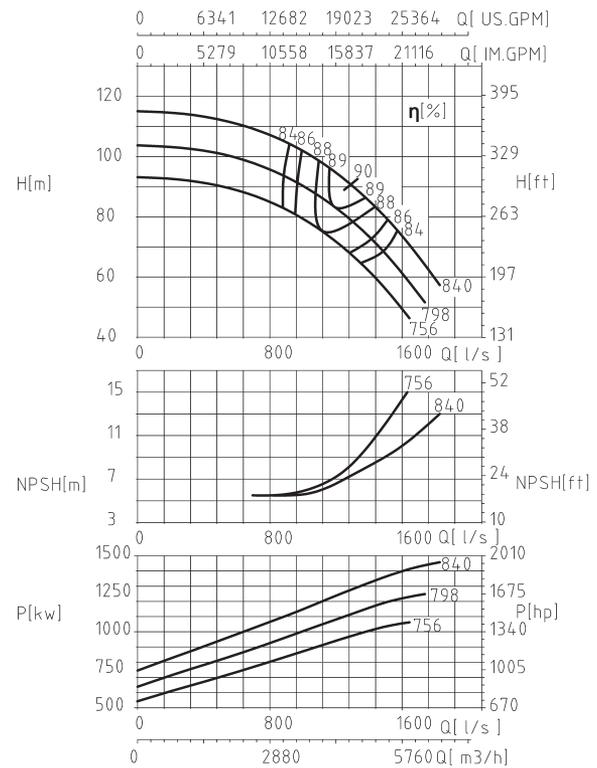
**700MS56**

**980 r/min**



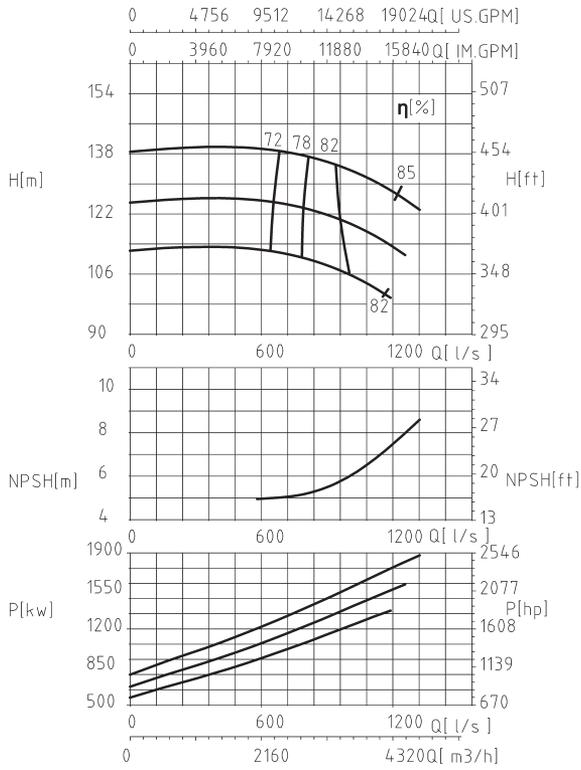
**700MS90**

**980 r/min**



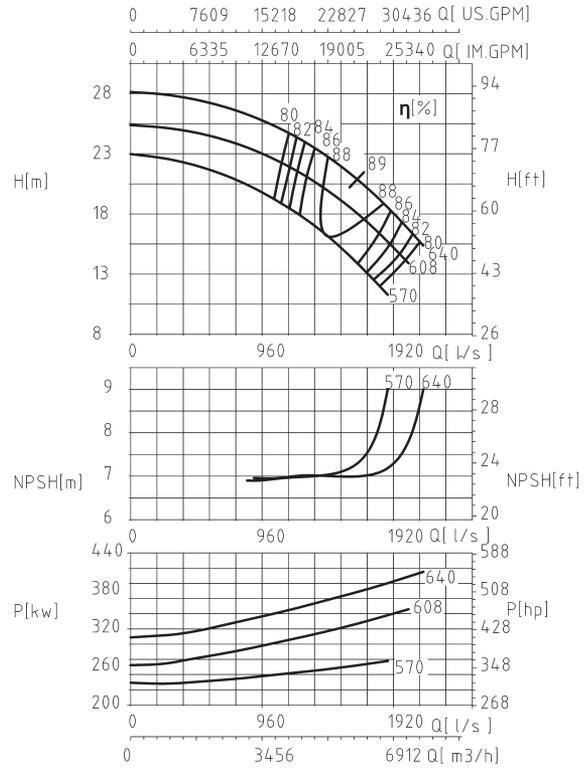
**700MS135**

**800 r/min**



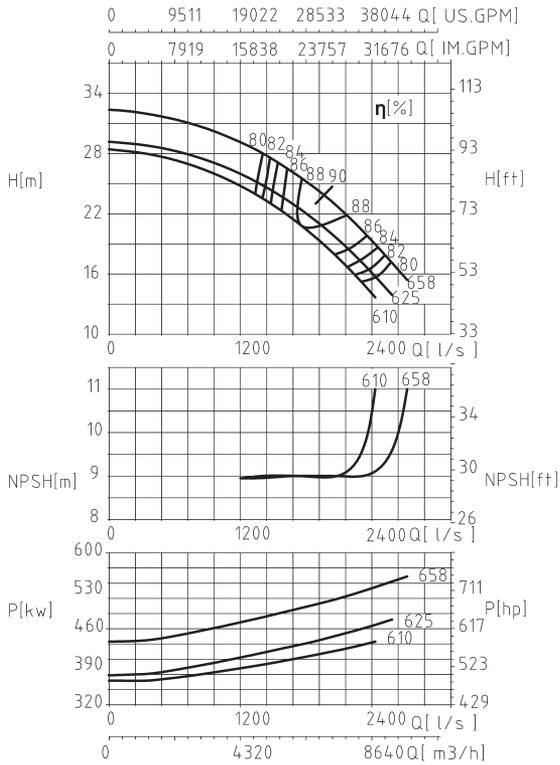
**800MS22**

**730 r/min**



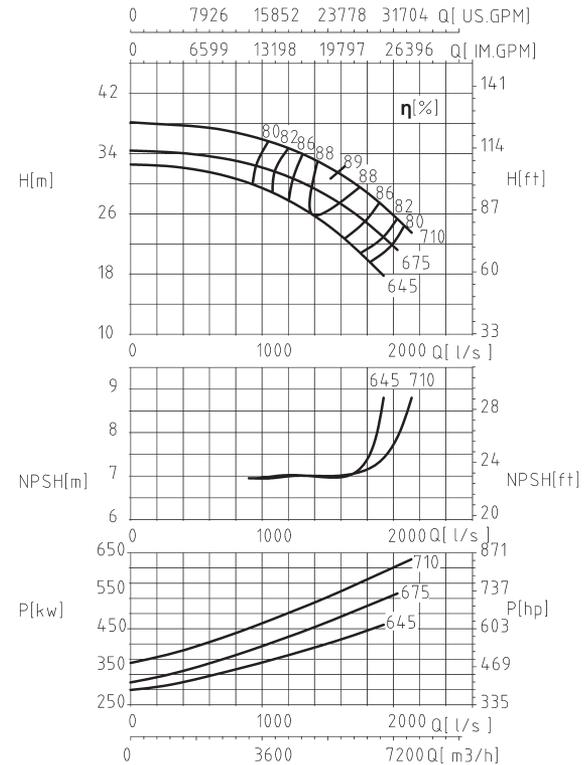
**800MS24**

**730 r/min**



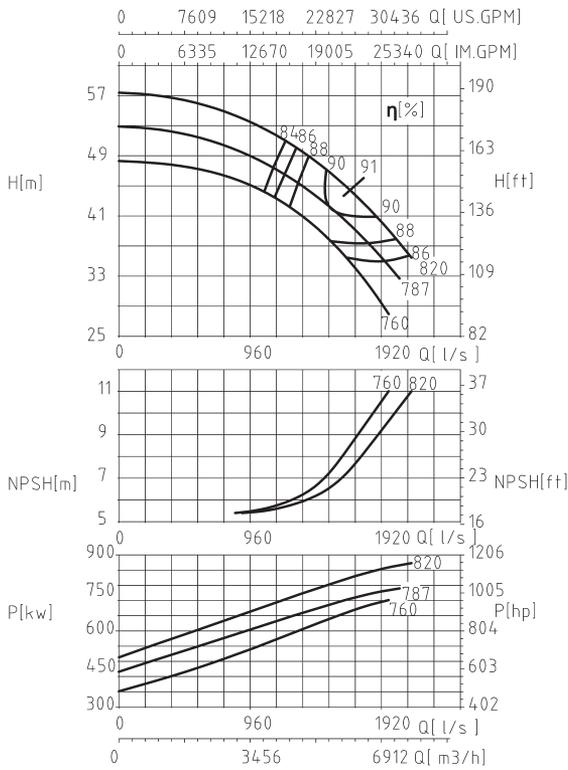
**800MS32**

**742 r/min**



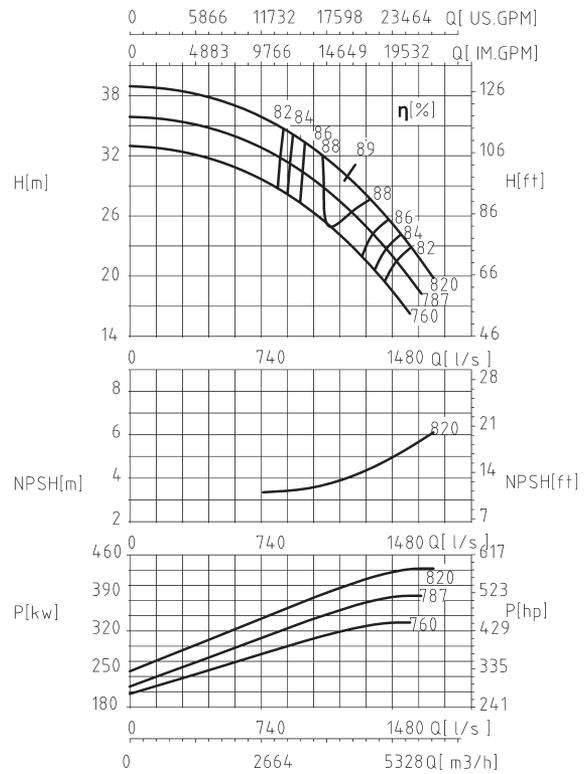
**800MS47**

**742 r/min**



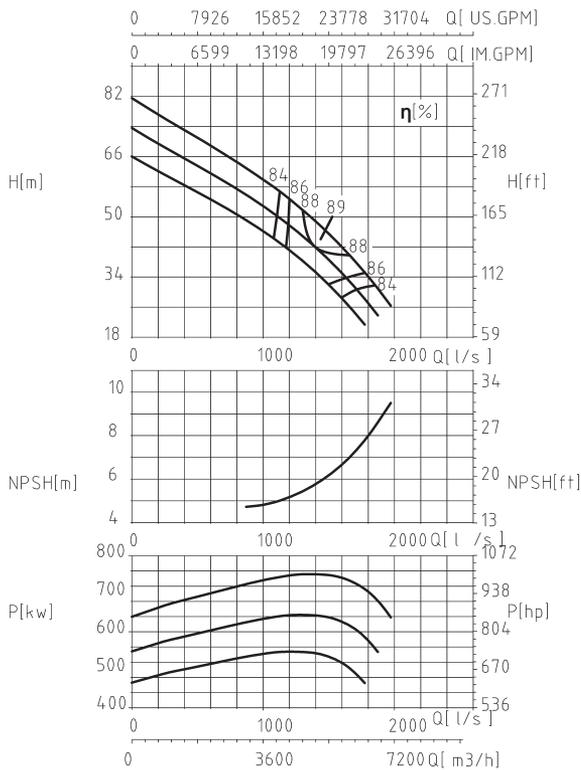
**800MS47J**

**590 r/min**



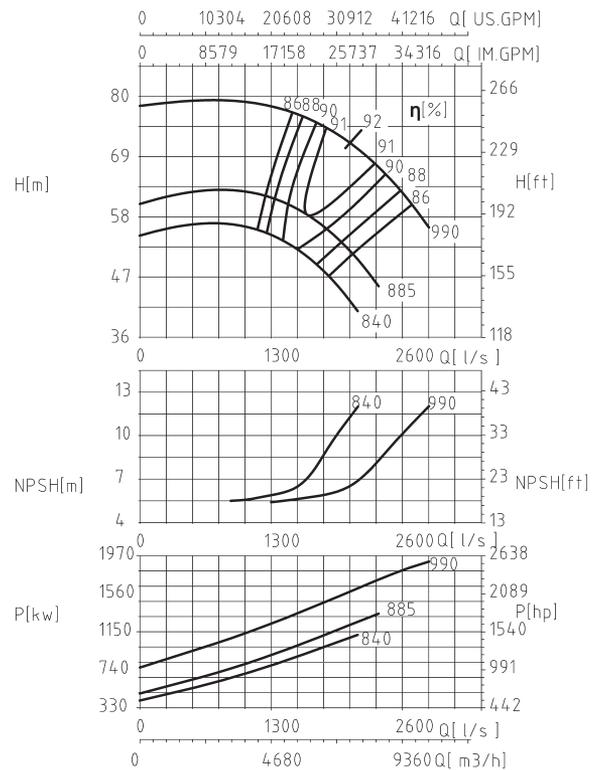
**800MS48**

**596 r/min**



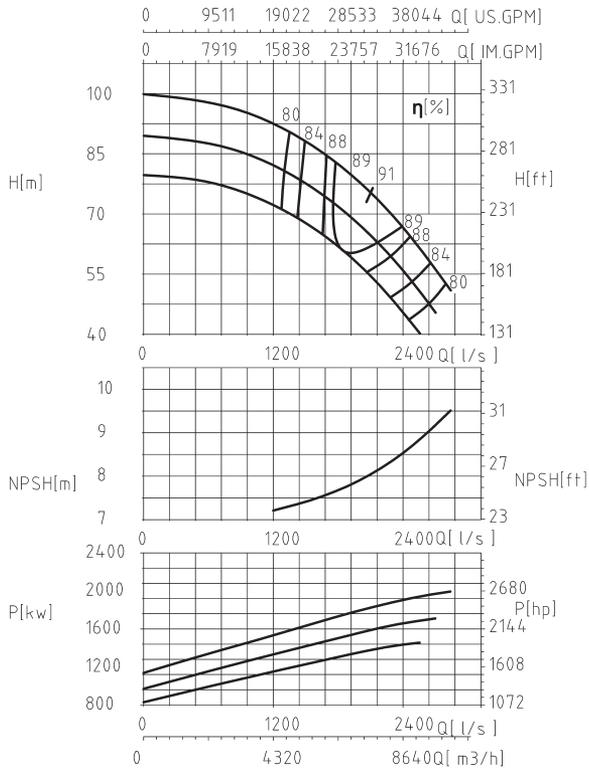
**800MS75**

**742 r/min**



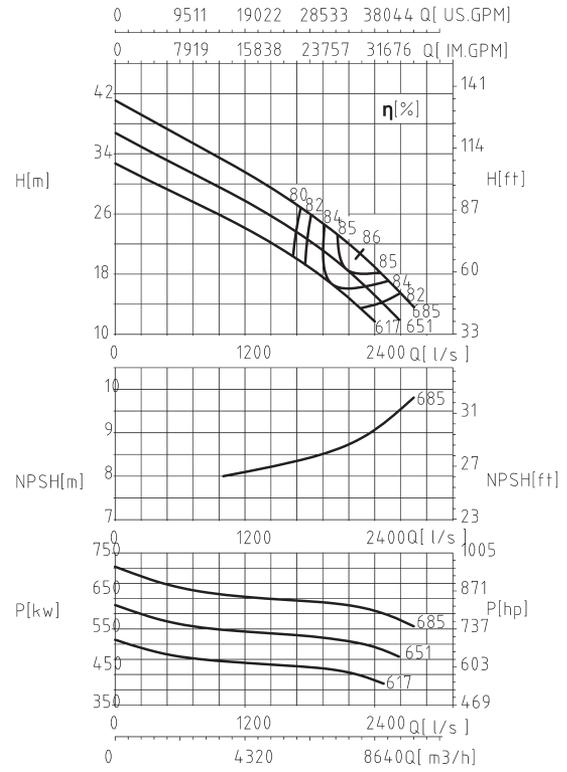
### 800MS80

750 r/min



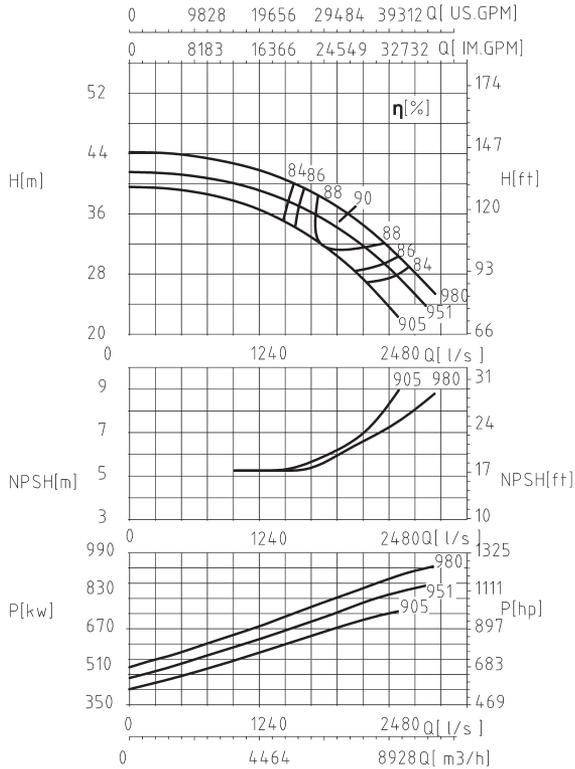
### 900MS23

730 r/min



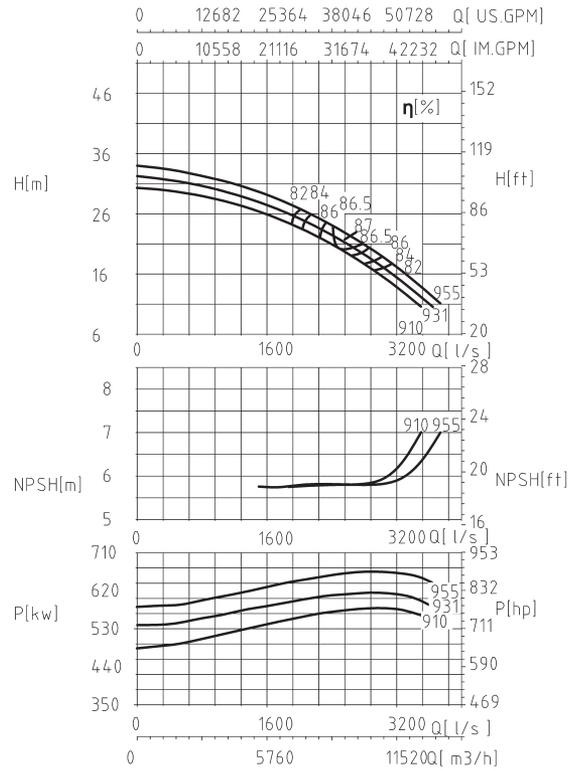
### 900MS35

730 r/min



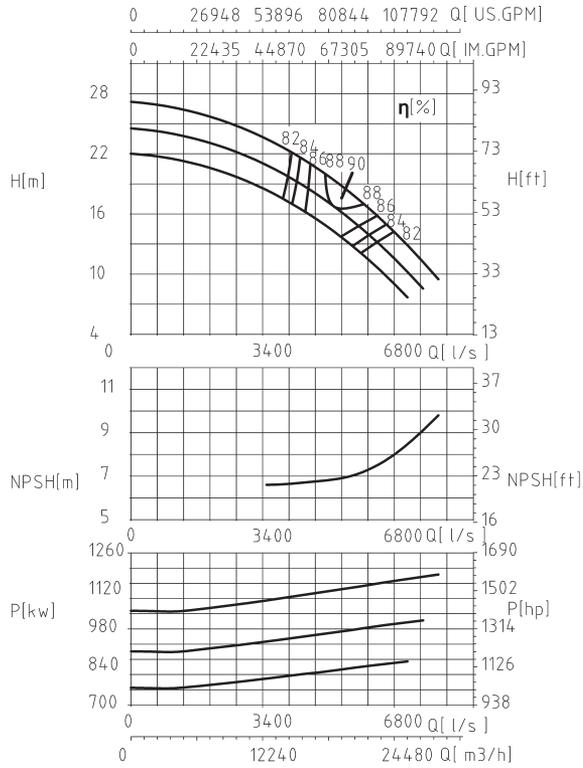
### 1200MS22

485 r/min



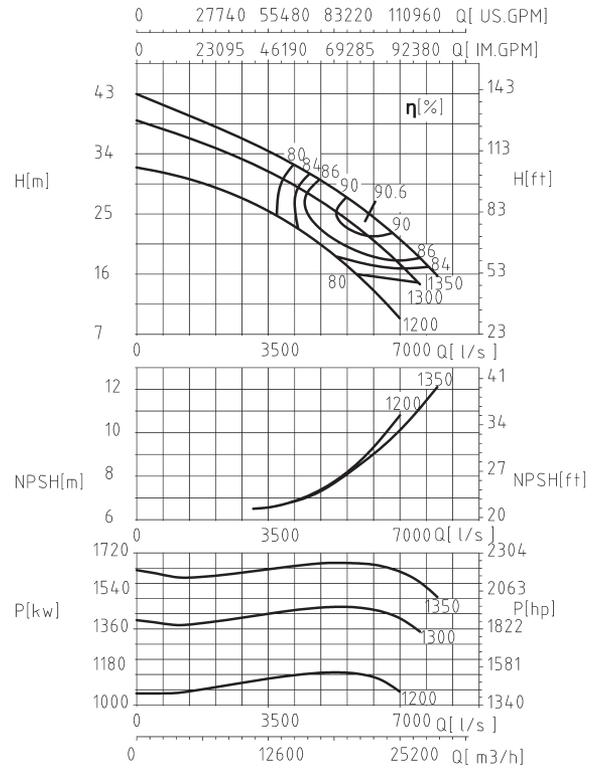
## 1200MS32

595 r/min



## 1400MS15

375 r/min

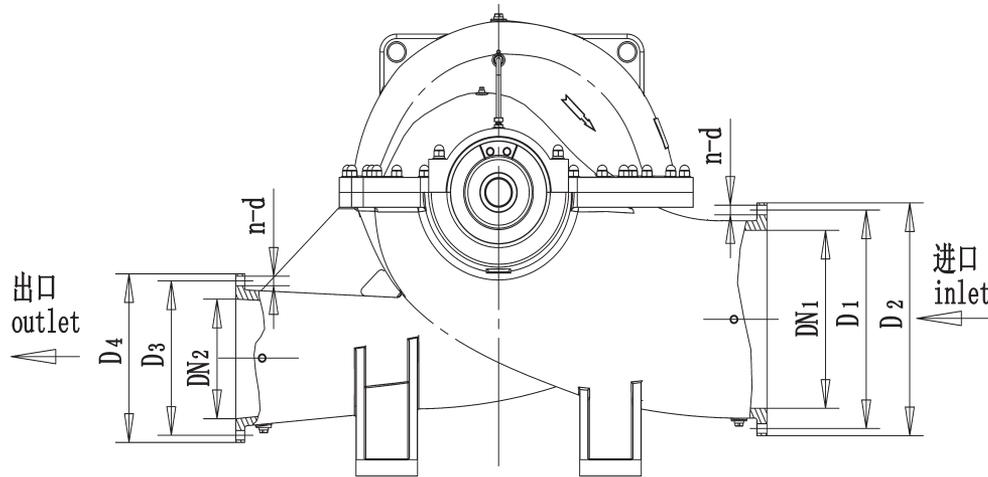


## 1400MS30

375 r/min



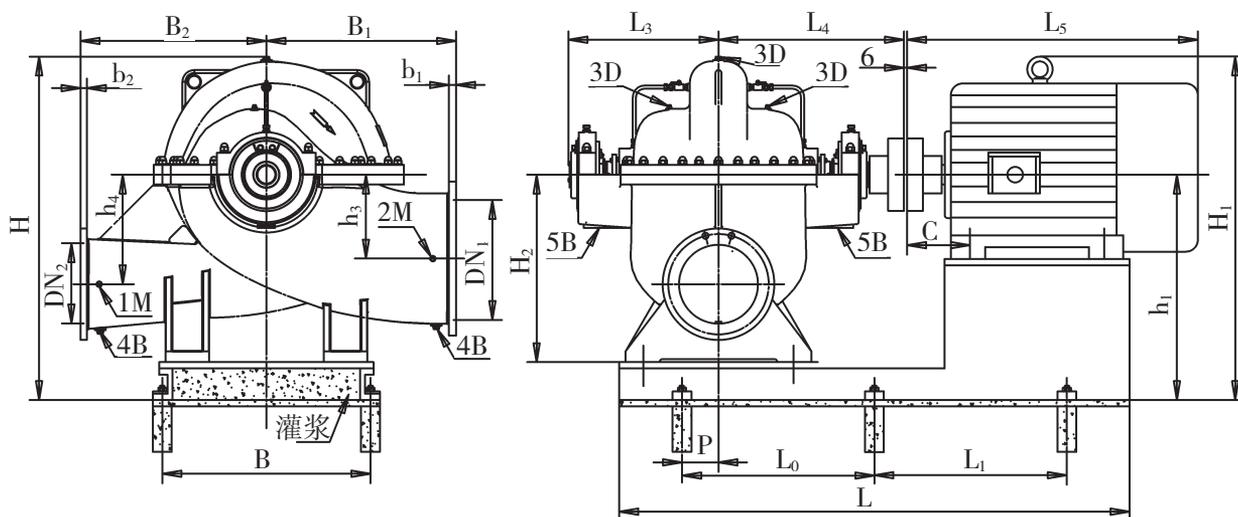
## 10. 连接法兰尺寸 (Connection Flange Dimension)



泵型号 Pump type	进口口径 Inlet dia	进口法兰尺寸 Inlet flange size			出口口径 Outlet dia	出口法兰尺寸 Outlet flange size		
	DN <sub>1</sub>	D <sub>1</sub>	D <sub>2</sub>	n-d	DN <sub>2</sub>	D <sub>3</sub>	D <sub>4</sub>	n-d
150MS50	150	225	260	8-Φ18	100	170	205	4-Φ18
150MS78	150	240	285	8-Φ18	100	180	215	8-Φ18
150MS97	150	240	235	8-Φ18	100	180	200	8-Φ18
200MS42	200	295	335	8-Φ23	150	240	280	8-Φ23
200MS63	200	280	315	8-Φ18	150	240	280	8-Φ23
200MS95	200	295	340	8-Φ23	125	210	250	8-Φ18
250MS14	250	350	395	12-Φ23	200	295	340	8-Φ23
250MS24	250	350	390	12-Φ23	200	295	335	12-Φ23
250MS39	250	350	390	12-Φ23	200	295	340	12-Φ23
250MS65	250	350	395	12-Φ23	150	240	285	8-Φ23
250MS110	250	360	450	12-Φ26	200	330	381	12-Φ25
300MS12	300	400	440	12-Φ23	300	410	460	12-Φ25
300MS19	300	400	445	12-Φ23	250	350	395	12-Φ23
300MS32	300	400	440	12-Φ23	250	355	405	12-Φ25
300MS58	300	400	440	12-Φ23	250	355	405	12-Φ25
300MS90	300	400	445	12-Φ23	200	295	340	12-Φ22
350MS125	350	460	505	16-Φ23	200	295	340	12-Φ23
350MS16	350	460	500	16-Φ23	350	470	520	16-Φ25
350MS26	350	460	500	16-Φ23	300	410	460	12-Φ26
350MS44	350	460	500	16-Φ23	300	400	440	12-Φ23
350MS75	350	460	500	16-Φ23	250	355	405	12-Φ26

泵型号 Pump type	进口通径 Inlet dia	进口法兰尺寸 Inlet flange size			出口通径 Outlet dia	出口法兰尺寸 Outlet flange size		
	DN <sub>1</sub>	D <sub>1</sub>	D <sub>2</sub>	n-d	DN <sub>2</sub>	D <sub>3</sub>	D <sub>4</sub>	n-d
500MS13	500	620	670	20-Φ26	500	620	670	20-Φ26
500MS22	500	620	670	20-Φ26	400	515	565	16-Φ26
500MS35	500	620	670	20-Φ26	350	460	500	16-Φ23
500MS59	500	620	670	20-Φ26	350	460	500	16-Φ23
500MS98	500	620	670	20-Φ26	300	410	460	12-Φ26
600MS100	600	725	780	20-Φ31	400	525	580	16-Φ30
600MS22	600	725	780	20-Φ31	500	650	670	20-Φ26
600MS32	600	725	780	20-Φ31	500	620	670	20-Φ26
600MS47	600	725	780	20-Φ31	400	515	565	16-Φ26
600MS75	600	725	780	20-Φ31	400	515	565	16-Φ26
700MS24	700	840	895	20-Φ31	500	650	715	20-Φ34
700MS35	700	840	895	20-Φ31	500	650	715	20-Φ34
700MS47	700	840	895	20-Φ32	500	650	705	20-Φ34
700MS56	700	840	895	20-Φ33	500	650	715	20-Φ34
700MS90	700	840	895	20-Φ34	500	650	715	20-Φ34
700MS135	700	875	955	24-Φ48	450	600	660	24-Φ48
800MS22	800	950	1015	24-Φ33	600	725	780	20-Φ30
800MS24	800	920	975	24-Φ30	700	840	895	24-Φ30
800MS32	800	950	1015	24-Φ33	600	725	780	20-Φ30
800MS48	800	950	1015	24-Φ34	700	840	895	24-Φ31
800MS75	800	950	1015	24-Φ34	600	725	780	20-Φ31
800MS80	800	950	1015	24-Φ34	600	725	780	20-Φ31
900MS23	900	1050	1125	28-Φ34	800	950	1025	24-Φ39
900MS35	900	1050	1115	28-Φ23	800	950	1015	24-Φ34
1200MS22	1200	1380	1450	32-Φ41	800	950	1015	24-Φ34
1200MS32	1200	1380	1450	32-Φ41	990	1050	1110	28-Φ34
1400MS15	1400	1560	1630	36-Φ36	1200	1380	1455	32-Φ39
1400MS30	1400	1560	1630	36-Φ36	1200	1380	1455	32-Φ39

## 11. 主要外形尺寸(Main Outline dimension)



连接螺纹尺寸 Connect nut size

1M	压力表 Pressure meter	R1/2	4B	排水孔 Scupper	R1/2
2M	真空表 Vacuum meter	R1/2	5B	漏液排出孔 Leakage Vent	R3/4
3D	排气孔 Vent	R1/2			

主要外形尺寸(配 Y 型电机)

单位: mm

Outline Dimension(Y serial motor)

Unit: mm

泵型号 Pump type	法兰尺寸 Flange size				泵尺寸 Pump size								泵重量(kg) Weight	
	DN <sub>1</sub>	DN <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	L <sub>4</sub>	H≤	L <sub>3</sub>	H <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>		
150MS50	150	100	36	32	250	200	337	596	291	270	130	140	120	
150MS78	150	100	36	32	300	250	410	626	318	285	140	155	165	
150MS97	150	100	36	32	300	250	410	641	330.5	285	140	174	165	
电机极数 Motor pole	泵型号 Pump type	电机型号 Motor type	电机功率 Motor power (kw)	B	h <sub>1</sub>	H <sub>1</sub>	L	L <sub>0</sub>	L <sub>1</sub>	C	P	L <sub>5</sub>	电机重量 Motor Weight (kg)	底座参考重量 Base Weight (kg)
2	150MS50	200L1	30	330	386	591	1070	430	430	243	35	777	230	65
		200L2	37	330	386	591	1070	430	430	243	35	777	250	65
	150MS78	200L2	37	335	401	591	1170	480	480	243	60	777	250	72
		225M	45	370	401	646	1200	500	500	259	60	817	319	72
		250M	55	435	401	691	1300	550	550	308	60	932	319	80
4	150MS97	160M	11	335	401	501	1040	420	420	218	60	607	123	65
2		280S	75	495	401	756	1370	580	580	330	60	1002	549	82

主要外形尺寸(配 Y 型电机)

Outline Dimension(Y serial motor)

单位:mm

Unit:mm

泵型号 Pump type	法兰尺寸 Flange size				泵尺寸 Pump size								泵重量(kg) Weight	
	DN <sub>1</sub>	DN <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	L <sub>4</sub>	H≤	L <sub>3</sub>	H <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>		
200MS42	200	150	41	36	320	300	420	691	332	355	170	170	210	
200MS63	200	150	41	36	300	300	378	697	322	340	170	170	255	
200MS95	200	125	26	26	350	300	442	495	368	340	170	185	1000	
电机极数 Motor pole	泵型号 Pump type	电机型号 Motor type	电机功率 Motor power (kw)	B	h <sub>1</sub>	H <sub>1</sub>	L	L <sub>0</sub>	L <sub>1</sub>	C	P	L <sub>5</sub>	电机重量 Motor Weight (kg)	底座参考重量 Base Weight (kg)
2	200MS42	250M	55	455	471	691	1320	560	560	308	60	932	395	96
		200L2	37	350	471	591	1190	490	490	243	60	777	260	112
	200MS63	280S	75	500	460	760	1340	550	550	330	60	1002	500	95
		250M	55	455	460	695	1290	540	540	308	60	932	395	95
	200MS95	315S	110	580	145	865	1490	640	640	356	70	1240	875	118

主要外形尺寸(配 Y 型电机)

Outline Dimension(Y serial motor)

单位:mm

Unit:mm

泵型号 Pump type	法兰尺寸 Flange size				泵尺寸 Pump size								泵重量(kg) Weight	
	DN <sub>1</sub>	DN <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	L <sub>4</sub>	H≤	L <sub>3</sub>	H <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>		
250MS14	250	200	48	41	520	330	470	879	494	450	210	215	506	
250MS24	250	200	28	30	490	400	544	934	411	450	230	230	638	
250MS39	250	200	28	30	440	440	525	995	534	450	200	260	682	
250MS65	250	150	28	28	769	400	593	1235	575	450	240	290	781	
250MS110	250	200	48	41	262	483	660	861	210	610	305	395	1210	
电机极数 Motor pole	泵型号 Pump type	电机型号 Motor type	电机功率 Motor power (kw)	B	h <sub>1</sub>	H <sub>1</sub>	L	L <sub>0</sub>	L <sub>1</sub>	C	P	L <sub>5</sub>	电机重量 Motor Weight (kg)	底座参考重量 Base Weight (kg)
4	250MS14	200L	30	485	566	591	1300	550	550	243	145	777	260	165
		180L	22	485	726	546	1260	530	530	231	145	712	195	189
	250MS24	250M	55	510	614	739	1500	650	650	308	130	932	420	131
		200L	30	440	574	599	1370	580	580	243	130	777	260	135
	250MS39	280S	75	500	575	765	1540	670	670	330	245	1002	520	135
		250M	55	510	575	700	1470	635	635	308	150	932	420	132
	250MS65	315M	132	600	614	1029	1780	790	790	386	150	1342	1025	196
		315S	110	600	775	1030	1720	760	760	386	150	1272	875	180
250MS110	355M2	250	665	520	1215	2060	930	930	424	70	1572	1450	278	

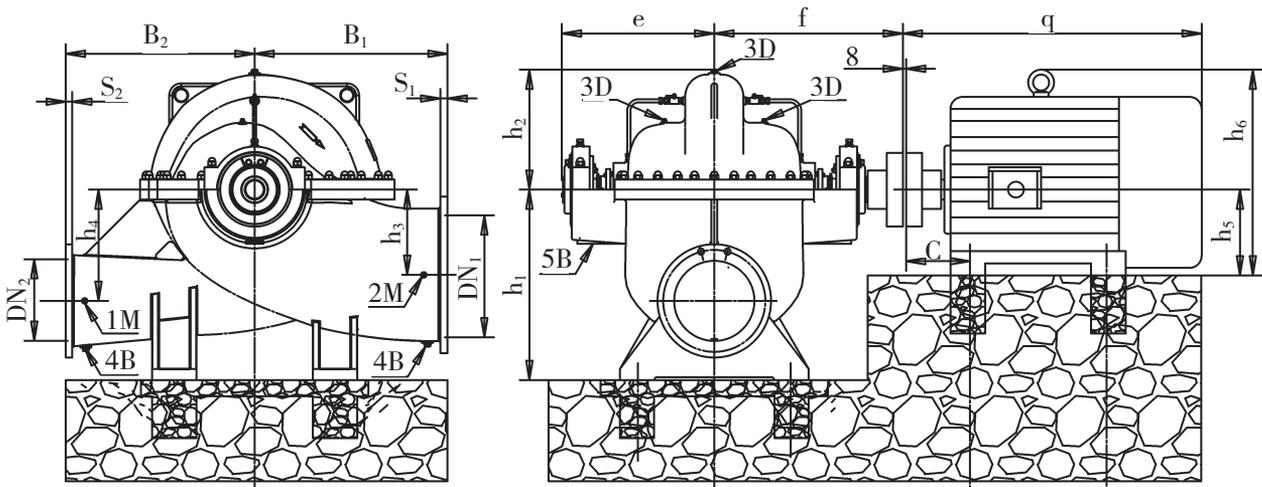
主要外形尺寸(配 Y 型电机)

单位: mm

Outline Dimension(Y serial motor)

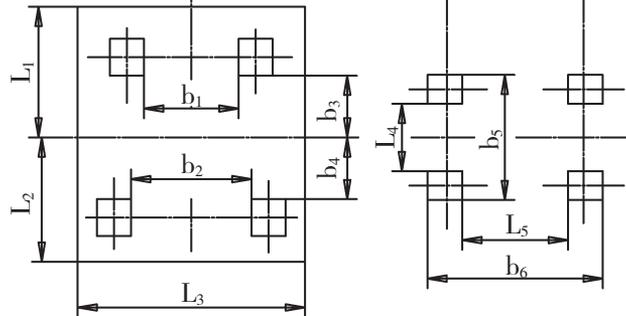
Unit: mm

泵型号 Pump type		法兰尺寸 Flange size				泵尺寸 Pump size								泵重量(kg) Weight
		DN <sub>1</sub>	DN <sub>2</sub>	b <sub>1</sub>	b <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	L <sub>4</sub>	H≤	L <sub>3</sub>	H <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	
300MS12		300	300	28	34	500	500	538	979	470	510	265	265	792
300MS19		300	250	35	35	500	400	559	1004	445	510	250	260	1320
300MS32		300	250	28	32	470	410	574	1023	489	510	260	270	891
300MS58		300	250	51	48	540	530	588	1035	485	510	240	310	1037
300MS90		300	200	28	30	576	470	674	1078	524	510	268	325	1161
电机极数 Motor pole	泵型号 Pump type	电机型号 Motor type	电机功率 Motor power (kw)	B	h <sub>1</sub>	H <sub>1</sub>	L	L <sub>0</sub>	L <sub>1</sub>	C	P	L <sub>5</sub>	电机重量 Motor Weight (kg)	底座参考重量 Base Weight (kg)
4	300MS12	225S	37	585	630	650	1440	620	620	289	225	822	305	171
		200L	30	660	634	599	1420	650	650	243	225	777	260	180
	300MS19	250M	55	560	674	739	1570	680	680	308	190	932	420	98
		225M	45	560	674	694	1500	650	650	289	190	817	335	175
	300MS32	315S	110	580	655	1010	1760	750	750	386	190	1272	875	205
		280S	75	560	674	804	1650	720	720	330	190	1002	520	98
	300MS58	355M1	185	600	655	1010	1815	715	715	424	200	1342	1350	220
		315L1	160	600	655	1010	1865	715	715	386	200	1342	1135	230
		315M	132	600	655	1010	1815	715	715	386	200	1342	1025	220
	300MS90	355L2	315	650	655	1180	2120	850	850	424	190	1572	1650	236
		355L1	280	650	655	1180	2120	850	850	424	190	1572	880	236
		355M1	220	650	655	1180	2160	850	850	424	190	1572	1350	248



连接螺纹尺寸 Connect nut size

1M	压力表 Pressure meter	R1/2
2M	真空表 Vacuum meter	R1/2
3D	排气孔 Vent	R1
4B	排水孔 Scupper	R1
5B	漏液排出孔 Leakage Vent	R1



主要外形尺寸(配 Y 型电机)

单位:mm

Outline Dimension(Y serial motor)

Unit:mm

泵型号 Pump type	法兰尺寸 Flange size				泵尺寸 Pump size														泵重量 (kg) Pump weight	
	DN <sub>1</sub>	DN <sub>2</sub>	S <sub>1</sub>	S <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	e	f	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>		b <sub>4</sub>
350MS16	350	350	30	38	584	584	507	584	620	350	310	310	345	345	600	360	360	155	155	984
350MS26	350	300	30	34	580	460	629	645	620	343	290	300	345	345	600	360	360	155	155	962
350MS44	350	300	30	28	570	510	558	675	620	360	300	300	345	345	600	360	360	155	155	1232
350MS75	350	250	28	30	650	600	538	712	620	397	274	355	345	345	600	360	360	155	155	1320
350MS125	350	200	30	30	660	550	623	780	620	460	330	410	345	345	600	0	0	155	155	1562
电机极数 Motor pole	泵型号 Pump type	电机型号 Motor type	电机功率 (Kw) Motor power		L <sub>4</sub>	L <sub>5</sub>	b <sub>5</sub>	b <sub>6</sub>	h <sub>5</sub>	h <sub>6</sub>	c	q	电机重量 (kg) Motor weight							
4	350MS16	Y280S-4	75		364	206	550	530	280	640	338	1000	520							
		Y250M-4	55		322	243	490	455	250	575	316	930	420							
	350MS26	Y315M-4	132		388	254	628	660	315	865	394	1340	1025							
		Y280M-4	90		364	257	550	581	280	640	338	1050	550							
	350MS44	Y355M1-4	220		480	290	740	830	355	1035	402	1540	1350							
		Y315L2-4	220		364	257	550	581	315	640	338	1050	1255							
	350MS75	Y4001-4	355		520	500	900	1500	400	1200	553	1900	2480							
		Y355L1-4	280		388	203	628	609	355	865	394	1270	880							
		Y355M1-4	220		480	290	740	830	355	1035	402	1540	711350							
	350MS125	Y4502-4	0		600	480	1000	1760	450	1350	573	2150	3670							
		Y4005-4	560		520	500	900	1500	400	1200	553	1900	2880							
		Y4002-4	400		520	500	900	1500	400	1200	553	1900	2560							

主要外形尺寸(配 Y 型电机)

单位: mm

Outline Dimension(Y serial motor)

Unit: mm

泵型号 Pump type	法兰尺寸 Flange size				泵尺寸 Pump size																泵重量 (kg) Pump weight
	DN <sub>1</sub>	DN <sub>2</sub>	S <sub>1</sub>	S <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	e	f	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	b <sub>4</sub>		
500MS13	500	500	34	34	730	650	670	790	800	631	400	400	460	460	740	400	400	260	260	1815	
500MS22	500	400	34	32	730	650	740	890	800	600	430	455	460	460	740	400	400	260	260	1894	
500MS35	500	350	34	32	720	630	606	768	800	458	415	415	510	510	760	400	400	260	260	2310	
500MS59	500	350	34	32	830	810	725	877	800	495	370	480	510	510	740	420	420	290	290	2750	
500MS98	500	300	34	32	800	750	849	102	900	741	425	545	550	550	910	400	400	250	250	4180	
电机极数 Motor pole	泵型号 Pump type	电机型号 Motor type	电机功率 (Kw) Motor power		L <sub>4</sub>	L <sub>5</sub>	b <sub>5</sub>	b <sub>6</sub>	h <sub>5</sub>	h <sub>6</sub>	c	q	电机重量 (kg) Motor weight								
6	500MS13	Y315L1-6	110		364	257	550	581	315	640	338	1050	1135								
	500MS22	Y355M2-6	185		480	290	740	830	355	1035	432	1570	1400								
		Y315L2-6	132		388	305	628	711	315	865	394	1340	1165								
	500MS35	Y4002-6	280		520	500	900	1500	400	1200	553	1900	2560								
		Y355L1-6	220		388	203	628	609	355	865	394	1270	880								
	500MS59	Y4501-6	450		600	480	1000	1760	450	1350	573	2150	3550								
		Y4005-6	400		520	500	900	1500	400	1200	553	1900	2880								
		Y4003-6	315		520	500	900	1500	400	1200	553	1900	2640								
	500MS98	Y5002-6	800		680	560	1120	1940	500	1520	733	2420	4830								
Y4504-6		630		600	480	1000	1760	450	1350	573	2150	3960									
Y4503-6		560		600	480	1000	1760	450	1350	573	2150	3930									

泵型号 Pump type	法兰尺寸 Flange size				泵尺寸 Pump size																泵重量 (kg) Pump weight
	DN <sub>1</sub>	DN <sub>2</sub>	S <sub>1</sub>	S <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	e	f	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	b <sub>4</sub>		
600MS22	600	500	36	34	1020	740	806	1001	900	600	550	525	480	480	940	580	580	400	400	3100	
600MS32	600	500	36	34	840	750	769	919	900	543	500	530	620	620	940	580	580	380	380	3135	
600MS47	600	400	36	32	1000	800	857	1085	950	750	532	663	650	650	1100	600	600	350	350	4290	
600MS75	600	400	36	32	960	940	755	940	950	600	425	555	510	510	940	600	600	290	290	4510	
600MS100	600	400	36	32	1000	800	1150	1382	100	650	540	560	600	600	100	600	600	400	400	5500	
电机极数 Motor pole	泵型号 Pump type	电机型号 Motor type	电机功率 (Kw) Motor power		L <sub>4</sub>	L <sub>5</sub>	b <sub>5</sub>	b <sub>6</sub>	h <sub>5</sub>	h <sub>6</sub>	c	q	电机重量 (kg) Motor weight								
6	600MS100	Y5602-6	1250		750	800	1250	2000	560	1800	758	2480	6200								
		Y5003-6	900		680	560	1120	1940	500	1520	733	2420	4930								
		Y5001-6	710		680	560	1120	1940	500	1520	733	2420	4660								
	600MS22	Y355M4-6	250		480	290	740	830	355	1035	432	1570	1500								
	600MS32	Y4005-6	400		520	500	900	1500	400	1200	553	1900	2880								
		Y355L1-6	250		388	203	628	609	355	865	394	1270	880								
		Y355M3-6	220		480	290	740	830	355	1035	432	1570	1500								
	600MS47	Y4503-6	560		600	480	1000	1760	450	1350	573	2150	3930								
		Y4502-6	500		600	480	1000	1760	450	1350	573	2150	3670								
6	600MS75	Y5003-6	900		680	560	1120	1940	500	1520	733	2420	4930								
6	600MS75A	Y5001-6	710		680	560	1120	1940	500	1520	733	2420	4660								

主要外形尺寸(配 Y 型电机)  
单位: mm

Outline Dimension(Y serial motor)  
Unit: mm

泵型号 Pump type	法兰尺寸 Flange size				泵尺寸 Pump size														泵重量 (kg) Pump weight	
	DN <sub>1</sub>	DN <sub>2</sub>	S <sub>1</sub>	S <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	e	f	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>		b <sub>4</sub>
700MS24	700	500	40	42	1100	1160	1050	1240	1050	758	595	758	750	750	1200	800	800	450	450	6380
700MS35	700	500	40	42	1100	1160	1050	1240	1050	758	595	758	750	750	1200	800	800	450	450	6380
700MS47	700	500	40	42	1100	1160	1050	1240	1050	758	595	758	750	750	1200	800	800	450	450	6380
700MS56	700	500	40	42	1100	1160	1050	1240	1050	758	595	758	750	750	1200	800	800	450	450	6380
700MS90	700	500	40	42	1100	1160	1050	1240	1050	758	595	758	750	750	1200	800	800	450	450	6380
700MS135	700	450	50	52	1250	1100	1283	1457	1150	850	571	574	800	800	1300	500	900	400	400	8140
电机极数 Motor pole	泵型号 Pump type	电机型号 Motor type	电机功率 (Kw) Motor power		L <sub>4</sub>	L <sub>5</sub>	b <sub>5</sub>	b <sub>6</sub>	h <sub>5</sub>	h <sub>6</sub>	c	q	电机重量 (kg) Motor weight							
6	700MS24	Y4005-6	400		520	500	900	1500	400	1200	553	1900	2880							
	700MS35	Y4504-6	630		600	480	1000	1760	450	1350	573	2150	3960							
		Y4502-6	500		600	480	1000	1760	450	1350	573	2150	3670							
	700MS56	Y5003-6	900		680	560	1120	1940	500	1520	733	2420	4930							
		Y5002-6	800		680	560	1120	1940	500	1520	733	2420	4830							
		Y5001-6	710		680	560	1120	1940	500	1520	733	2420	4660							
	700MS90	Y6301-6	1600		840	800	1400	2400	630	2000	838	2920	8300							
Y5602-6		1250		750	800	1250	2000	560	1800	758	2480	6200								
700MS135	柴油机	1800		-	-	-	-	-	-	-	-	-								

泵型号 Pump type	法兰尺寸 Flange size				泵尺寸 Pump size														泵重量 (kg) Pump weight	
	DN <sub>1</sub>	DN <sub>2</sub>	S <sub>1</sub>	S <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	e	f	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>		b <sub>4</sub>
800MS22	800	600	44	36	1400	750	1185	1170	1150	743	690	660	600	600	1200	800	800	300	300	6600
800MS24	800	700	54	50	1400	750	1000	1225	1265	865	755	695	600	600	1200	700	700	450	450	5610
800MS32	800	600	44	36	1400	750	1185	1170	1150	743	690	660	600	600	1200	800	800	300	300	6600
800MS47	800	700	44	36	1200	1150	1056	1293	1170	780	620	620	900	900	1200	800	800	350	350	6710
800MS48	800	600	44	36	1285	1000	1240	1510	1250	855	850	700	850	850	1300	700	700	500	500	6930
800MS75	800	600	44	36	1285	1000	1236	1514	1250	860	850	700	850	850	1300	700	700	500	500	6930
800MS80	800	600	44	36	1285	1000	1236	1514	1250	860	850	700	850	850	1300	700	700	500	500	6930
电机极数 Motor pole	泵型号 Pump type	电机型号 Motor type	电机功率 (Kw) Motor power		L <sub>4</sub>	L <sub>5</sub>	b <sub>5</sub>	b <sub>6</sub>	h <sub>5</sub>	h <sub>6</sub>	c	q	电机重量 (kg) Motor weight							
8	800MS22	Y4504-8	450		600	590	1000	1650	450	1350	613	2080	3800							
	800MS24	Y5002-8	560		680	850	1120	1650	500	1520	733	2190	4600							
		Y5001-8	500		680	850	1120	1650	500	1520	733	2190	4400							
	800MS32	Y5003-8	630		680	850	1120	1650	500	1520	733	2190	4900							
		Y5001-8	500		680	850	1120	1650	500	1520	733	2190	4400							
	800MS47	Y5602-8	900		750	800	1250	2000	560	1800	808	2530	5850							
		Y5601-8	800		750	800	1250	2000	560	1800	808	2530	5500							
		Y4504-8	450		600	590	1000	1650	450	1350	613	2080	3800							
	800MS75	Y6304-8	1600		840	1000	1400	2200	630	2000	838	2820	8600							
		Y6303-8	1400		840	1000	1400	2200	630	2000	838	2820	8200							
Y6301-8		1120		840	1000	1400	2200	630	2000	838	2820	7500								
6	800MS80	Y6303-6	2000		840	800	1400	2400	630	2000	838	2920	9200							

主要外形尺寸(配 Y 型电机)  
 单位: mm

Outline Dimension(Y serial motor)  
 Unit: mm

泵型号 Pump type	法兰尺寸 Flange size				泵尺寸 Pump size															泵重量(kg) Pump weight
	DN <sub>1</sub>	DN <sub>2</sub>	S <sub>1</sub>	S <sub>2</sub>	B <sub>1</sub>	B <sub>2</sub>	e	f	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	b <sub>4</sub>	
900MS23	900	800	62	54	1400	950	1140	1410	1380	1020	770	770	825	825	1300	800	800	300	300	9900
900MS35	900	800	62	54	1400	1125	1070	1380	1360	905	770	770	925	925	1300	800	800	300	300	9900
1200MS22	1200	800	56	46	1100	1750	1413	1666	1800	1630	1050	1050	935	935	1900	840	840	800	450	18700
1200MS32	1200	900	56	46	1750	1100	1413	1666	1800	1630	1050	1050	1100	1750	1900	840	840	340	690	20000
1400MS15	1400	1200	55	56	2200	1220	1360	1800	1960	1362	1120	1230	1055	1055	2000	1300	1300	750	450	33121
1400MS30	1400	1200	55	56	2200	1220	1360	1800	1960	1362	1120	1230	1055	1055	2000	1300	1300	750	450	33121
电机极数 Motor pole	泵型号 Pump type	电机型号 Motor type	电机功率(Kw) Motor power		L <sub>4</sub>	L <sub>5</sub>	b <sub>5</sub>	b <sub>6</sub>	h <sub>5</sub>	h <sub>6</sub>	c	q	电机重量(kg) Motor weight							
8	900MS23	Y5603-8	630		750	800	1250	2000	560	1800	808	2530	6250							
	900MS35	Y5603-8	1000		750	800	1250	2000	560	1800	808	2530	6250							
		Y5601-8	800		750	800	1250	2000	560	1800	808	2530	5500							
10	1200MS22	Y6302-10	1120		840	1000	1400	2200	630	2000	838	2820	7780							
	1200MS32	Y6303-10	1000		910	980	1400	2400	630	1370	830	2920	8930							
16	1400MS15	Y1250-16/1730	1250		/	/	2800	2920	970	1620	610	3320	13500							
	1400MS30	Y2000-16/2150	2000		/	/	3600	2820	980	1630	660	3270	15000							

## 12. 产品配置表 (Supply Range of Complete Set)

需方单位名称 Buyer's name				日期 Date	
泵型号 Pump type		流量 Capacity(m <sup>3</sup> /h)		扬程 Head (m)	
数量 Quantity		必需汽蚀余量 NPSHr (m)		转速 Speed (rpm)	
配套电机型号 Motor type					
货物需求范围	名称 Item	选项 Option	请在此勾选 Tick	备注 Remark	
	泵 Pump	卧式 Horizontal		●	
		立式 Vertical			
	驱动机 Driving machine	电动机 Motor			
	轴封形式 Shaft seal	普通填料密封 Regular packing seal		●	
		机械密封 Mechanical seal			
		软填料密封 Soft packing seal			
	泵转向 Rotating direction of pump	从电机端看泵, 泵为顺时针方向旋转 View from motor end, the rotating direction of pump is clockwise.			
		从电机端看泵, 泵为逆时针方向旋转 View from motor end, the rotating direction of pump is anticlockwise.			
	联轴器 Coupling	弹性柱销联轴器套装 Elastic pin coupling sets		●	
		膜片联轴器 Diaphragm coupling sets			
	轴封冲洗管路	外接(提供接口) External connection		●	
		内接引自泵本体 Internal connection			
	底座 Base	泵、驱动机共用底座 Common base			
		泵底座 Pump base			
		驱动机底座 Motor base			
	附件 Accessory	配对法兰及连接件 Inlet and outlet of match flanges and fittings			
		联轴器防护罩 Coupling guard			
		锥管及连接件 Taper pipe and connection parts			
		大气压力表 Local pressure gauges			
		测温元件 Thermometric element			
		底阀 Bottom valve			
		闸阀 Gate valve			
	专用工具 Special tool	止回阀 Check valve			
勾扳手 Wrench					
备件 Spare parts	轴套 Shaft sleeve				
	密封环 Sealing ring				
	叶轮 Impeller				
	轴承 Bearing				
	机械密封 Mechanical seal				
	填料 Packing				
其他要求: Other requirements					
注: ● 为常规配置 Notice: ● Meaning of general configuration					