



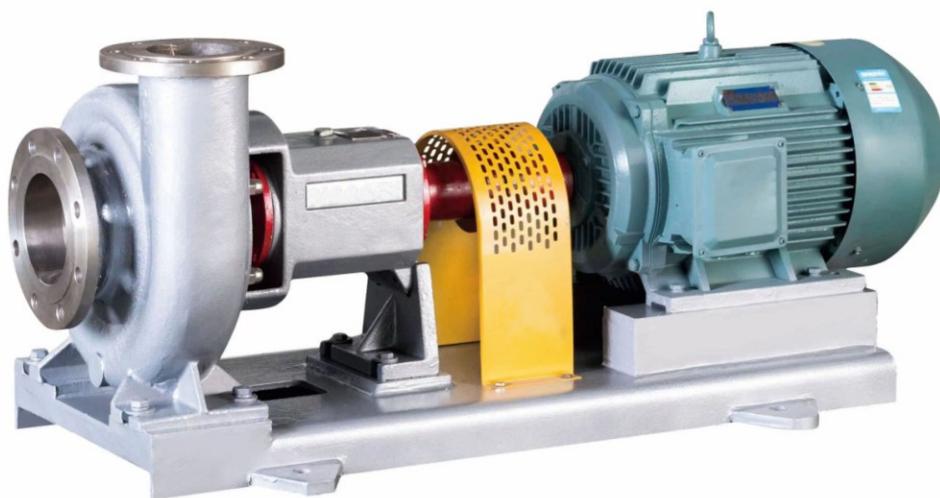
JINGLUN BENGYE

HYMK 型化工离心泵

HYMK CHEMICAL CENTRIFUGAL PUMP

安装使用说明书

INSTALLATION AND OPERATION INSTRUCTIONS



江苏精伦泵业制造有限公司

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一、概述 Summary

HYMK 型化工离心泵是在 IH 型化工泵的基础上改进而成的，在密封结构上引进了国外先进技术，改变了 IH 泵只能输送物理性能类似水的介质（无杂质和颗粒）的弊端，由于密封技术先进、科学、独特，该泵可输送含固量高达 35% 以下的物料；在正常情况下连续工作 8000 小时无泄漏，是 IH 泵密封效果的 3-5 倍，又因叶轮为开式结构，所以不会因介质含固量高而堵塞，该泵是目前化工行业输送各种物料的最理想的先进设备。

我公司根据介质的不同可采用不同材质生产此泵，目前通常有 321、304、316、316L、双相钢、CD4MCu 等材料制作，完全达到防腐耐磨的效果。

HYMK centrifugal chemical pump is based on IH, the improvements of made in the sealing structure on the introduction of foreign advanced technology, changing the physical properties of IH pump can only transport medium like water (no impurities and particles) of the defects, due to the advanced seal technology, science, unique, the pump can deliver up to 35% solid content less material; under normal circumstances 8000 hours continuous operation without leakage, seal effect is 3-5 times than IH pump, and because the impeller is open structure, so the media will not plug the high solid content, the chemical industry of the pump is the ideal transport of various materials and advanced equipment.

We can be different according to different media materials produced in this pump, the current usually 321, 304, 316, 316L, dual-phase steel, CD4MCu and other materials, the material can met the effect of corrosion resistant.

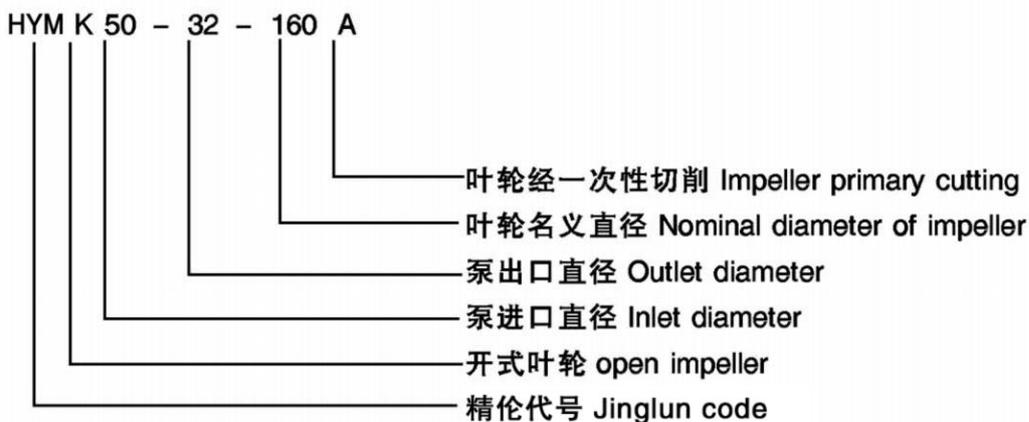
二、性能 Performances

流量 Flow capacity: 1.6 - 3000m³/h

扬程 Delivery lift: 5 - 125m

口径 Diameter: Φ25 - Φ500mm

三、型号意义说明 Model signification



四、HYMK系列化工泵性能参数 Performance parameter of HYMK series chemical pump

泵型号 model	流量 capacity m ³ /h	扬程 head m	效率 efficiency %	必需汽蚀余量 NPSHr m	配用功率 motor power kw	额定转速 revolutional speed r/min
HYMK25 - 25 - 125	3.2	20	53	2	2.2	2900
	1.6	5	45	2	0.75	1450
HYMK25 - 25 - 160	3.2	32	46	2	3	2900
	1.6	8	40	2	0.75	1450
HYMK25 - 25 - 200	3.2	50	38	2	5.5	2900
	1.6	12.5	33	2	1.1	1450
HYMK25 - 25 - 250	3.2	80	33	2	7.5	2900
	1.6	20	27	2	2.2	1450
HYMK40 - 32 - 125	6.3	20	52	2	3	2900
	3.2	5	46	2	0.75	1450
HYMK40 - 32 - 160	6.3	32	47	2	4	2900
	3.2	8	42	2	1.1	1450
HYMK40 - 32 - 200	6.3	50	38	2	7.5	2900
	3.2	12.5	38	2	1.5	1450
HYMK40 - 32 - 250	6.3	80	32	2	11	2900
	3.2	20	35	2	2.2	1450
HYMK50 - 32 - 125	12.5	20	51	2	4	2900
	6.3	5	45	2	0.75	1450
HYMK50 - 32 - 160	12.5	32	46	2	5.5	2900
	6.3	8	40	2	1.1	1450
HYMK50 - 32 - 200	12.5	50	39	2	11	2900
	6.3	12.5	33	2	1.5	1450
HYMK50 - 32 - 250	12.5	80	33	2	15	2900
	6.3	20	27	2	2.2	1450
HYMK65 - 50 - 125	25	20	62	2	5.5	2900
	12.5	5	55	2	0.75	1450
HYMK65 - 50 - 160	25	32	57	2	7.5	2900
	12.5	8	51	2	1.5	1450
HYMK65 - 40 - 200	25	50	52	2	15	2900
	12.5	12.5	46	2	2.2	1450
HYMK65 - 40 - 250	25	80	46	2	18.5	2900
	12.5	20	39	2	4	1450
HYMK65 - 40 - 315	25	125	39	2	37	2900
	12.5	32	33	2	7.5	1450
HYMK80 - 65 - 125	50	20	69	2	7.5	2900
	25	5	64	2	1.5	1450
HYMK80 - 65 - 160	50	32	67	2	11	2900
	25	8	62	2	2.2	1450
HYMK80 - 50 - 200	50	50	63	2	18.5	2900
	25	12.5	57	2	3	1450
HYMK80 - 50 - 250	50	80	57	2	37	2900
	25	20	53	2	5.5	1450
HYMK80 - 50 - 315	50	125	48	2	55	2900
	25	32	43	2	11	1450



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泵型号 model	流量 capacity m ³ /h	扬程 head m	效率 efficiency %	必需汽蚀余量 NPSHr m	配用功率 motor power kw	额定转速 revolutional speed r/min
HYMK100 – 80 – 125	100	20	77	4.3	15	2900
	50	5	73	3	2.2	1450
HYMK100 – 80 – 160	100	32	73	4.3	18.5	2900
	50	8	72	3	4	1450
HYMK100 – 65 – 200	100	50	72	4.3	37	2900
	50	12.5	68	3	5.5	1450
HYMK100 – 65 – 250	100	80	68	4.3	45	2900
	50	20	65	3	7.5	1450
HYMK100 – 65 – 315	50	32	58	3	15	1450
HYMK125 – 100 – 200	200	50	77	4.3	55	2900
	100	12.5	72	3	11	1450
	67	6	71	2.5	4	980
HYMK125 – 100 – 250	200	80	75	4.3	90	2900
	100	20	72	2.3	15	1450
	67	9	71	2.5	5.5	980
HYMK125 – 100 – 315	100	32	68	2.5	22	1450
	67	15	67	2.5	7.5	980
HYMK125 – 100 – 400	100	50	60	2.5	37	1450
	67	23	59	2.5	11	980
HYMK150 – 125 – 250	200	20	77	2.8	22	1450
	135	9	76	2.5	7.5	980
HYMK150 – 125 – 315	200	32	75	2.8	37	1450
	135	15	74	2.5	11	980
HYMK150 – 125 – 400	200	50	70	2.5	55	1450
	135	23	69	2.5	18.5	980
HYMK200 – 150 – 250	400	20	81	4	45	1450
	270	10	80	2.8	11	980
HYMK200 – 150 – 315	400	32	79	3.5	75	1450
	270	15	79	2.8	18.5	980
HYMK200 – 150 – 400	400	50	78	3.5	110	1450
	270	23	78	2.8	30	980
HYMK200 – 150 – 500	400	80	75	3.5	160	1450
	270	36	75	2.8	55	980
HYMK250 – 200 – 400	600	40	85	3.5	132	1450
	400	20	82	3	37	980
	306	12	81	2.8	30	750
HYMK250 – 200 – 500	600	70	84	3.5	160	1450
	400	32	79	3	55	980
	306	18	78	2.8	37	750
HYMK250 – 200 – 600	600	100	80	3.5	315	1450
	400	50	75	3	110	980
	306	29	74	2.8	55	750
HYMK300 – 250 – 400	1200	40	85	3.8	280	1450
	800	20	83	3.5	90	980
	610	12	82	3	45	750
	480	7	80	3	22	590

泵型号 model	流量 capacity m ³ /h	扬程 head m	效率 efficiency %	必需汽蚀余量 NPSHr m	配用功率 motor power kw	额定转速 revolutional speed r/min
HYMK300 – 250 – 500	1200	70	83	3.8	315	1450
	800	32	82	3.5	132	980
	610	18	81	3	55	750
	480	11	79	3	30	590
HYMK300 – 250 – 600	800	50	79	3.5	200	980
	610	29	78	3	90	750
	480	18	76	3	45	590
HYMK350 – 300 – 450	1500	20	86	3.5	132	980
	1140	12	85	3	75	750
	900	7	84	3	37	590
HYMK350 – 300 – 550	1500	32	85	3.5	200	980
	1140	18	84	3	110	750
	900	11	83	3	55	590
HYMK350 – 300 – 650	1500	50	83	3.5	315	980
	1140	29	82	3	160	750
	900	18	81	3	75	590
HYMK400 – 350 – 450	2000	20	87	3.5	200	980
	1500	12	86	3	110	750
	1200	8	85	3	45	590
HYMK400 – 350 – 550	2000	32	86	3.5	280	980
	1500	19	85	3	132	750
	1200	12	84	3	55	590
HYMK400 – 350 – 650	2000	50	87	4	450	750
	1500	32	86	3.8	200	590
	1300	20	85	3.8	132	500
HYMK450 – 400 – 500	2500	20	87	4	250	980
	1900	12	86	3.8	110	750
	1500	8	85	3.8	55	590
HYMK450 – 400 – 600	2500	32	88	4	355	980
	1900	19	87	3.8	160	750
	1500	12	86	3.8	110	590
HYMK450 – 400 – 700	2500	50	87	4	560	750
	2000	32	86	3.8	280	590
	1700	20	85	3.8	160	500
HYMK500 – 450 – 600	3000	20	88	4	250	750
	2360	12	87	3.8	132	590
	2000	8	86	3	75	500
HYMK500 – 450 – 700	3000	32	87	4	400	750
	2360	20	86	3.8	250	590
	2000	14	85	2	132	500
HYMK500 – 450 – 800	3000	50	85	4	630	750
	2360	30	84	3.8	315	590
	2000	21	83	3	200	500

五、安装 Installation

A、泵的安装是否合理，对泵的正常运行和使用寿命有着很重要的影响，所以安装前必须仔细校正，不得草率，泵的外型及安装尺寸见泵安装尺寸图。

B、必须保证泵在工作时不超过其允许的气蚀余量，泵的吸上高度(或泵倒灌高度)必须根据泵的气蚀余量特性，管路阻力损失特性及高温水的吸入液面压力来确定。

泵在倒灌情况下使用，应在泵的吸入管路上安装阀门和过滤器，以免杂物进入。

C、吸入和排出管路上应另设支架支撑管路，不能用泵做支撑。

D、按装泵的地点应便于巡回检查和维修。

E、按装顺序

a、将机组放在埋有地脚螺栓的基础上，在底座和基础之间放置楔铁做找正之用。

b、用水平仪分别放在泵轴或底座上，通过楔铁调整水平，找正机组水平后，适当拧紧地脚螺栓，以防走动。

c、用混凝土灌注底座和地脚螺栓孔。

d、待混凝土干固后，拧紧地脚螺栓，并重新检查泵的水平度。

e、在接好管路及点动电机确定电机转向后，再校核泵的同心度，联轴器的外圆上下、左右的差异不得超过 0.1mm，两联轴器端面在转动一周内最大和最小间隙差不得超过 0.3mm。

f、在机组运行 3~4 小时后作最后一次检查，如无不良现象，则认为安装合格。

A、Installation the pump correctly can play an important role in running normally and service life. So prior to installation, the dimension of the pump should be corrected carefully. The outline dimension and installation dimension can be referred to the drawing for pump installation.

B、The pump should not exceed the allowed cavitations margin, the suction height (or back flowing height) should be decided according to the cavitation margin property resistance loss in pipes and high - temperature water suction pressure .

Install the valve and filter on the suction pipes of pump when the pump is back flowing to prevent impurities from mixing .

C、Place additional support for suction and discharge pipeline, which can not be used as support .

D、The place for installation should be easy for patrol inspection and maintenance .

E、Installation sequence

a、Place the units on the base where the anchor bolts are embedded and set wedge iron block between the pedestal and base for alignment .

b、Set the gradienter on the pump shaft and the pedestal respectively and make flat by adjusting the wedge iron block. Tight appropriately the anchor bolts to prevent losing after the units level .

c、Grout foundation and anchor bolt hole .

d、Tight the anchor bolts after the concrete completely dry and check the level for the unit again .

e、After connecting the pipelines and determing the motor turning by pointing the motor , correct the pump concentricity and make the differences of the couplings between up and down, right and left less than 0.1mm, and the differences between maximum gap and minimum less than 0.3mm when both coupling end surfaces turning one cycle .

f、Inspect for the last time after the unit runs for 3 – 4 hours, if no any bad phenomenon, the pump can be acceptable.

六、启动、运行、停止及拆卸 Start、running、stop and dismantle

A、启动前的准备

- a、启动前应将泵和现场清理干净,先接上冷却水。
- b、在托架两端的轴承端盖上的黄油嘴内加适量的锂基脂。
- c、在未安装电机前先检查电机的转向,应与泵的转向标志的转向一致,然后再安装电机,泵禁止空反转。
- d、用手转动联轴器,应无碰擦现象。
- e、泵在吸上情况下使用,启动前先将泵腔内灌满所输送的液体或抽真空;泵在倒灌情况下使用,启动前先将泵吸入、排出管路上阀门打开,将泵的吸入管路内的空气排空,再关闭排出管路上的阀门。
- f、启动前检查基础及所有螺栓是否有松动现象,以及润滑油和冷却水的供给情况。(如温度低于 60℃时,不需加冷却水)。

B、启动

- a、开通冷却水,冷却水量和水压不宜太大,只要保持有水流动就行。(如温度低于 60℃时,不需加冷却水)。
- b、关闭排出管路上的压力表(真空表)和阀门(如有旁通管,也应先关闭);启动电机(最好先点动电机,以再次确定泵的转向是否和泵上的转向标志一致),缓慢打开排出管路上的压力表(真空表),当泵的转速正常,缓慢打开排出管路上的阀门,将压力调整至所需要工况。在排出管路上的阀门关闭的情况下,泵连续使用时间不得超过 3 分钟。
- c、启动过程中应注意电机的功率及泵的震动情况,如震动太大,应停机进行调整。

C 运行

- a、开机 20 分钟应检查轴承的温升情况(轴承的温升不应超过 75℃)。
- b、应经常检查泵轴承的温升和供油情况。
- c、不得用吸入管路上的阀门来控制流量,避免产生气蚀;泵不得在低于设计流量 30%的情况下连续使用;如流量过大,应在排出管路上设置旁通管,排出多余的流量。
- d、注意泵运行有无杂音,如有异常情况,应立即停机检查。

D、停止

- a、缓慢关闭排出管路上的阀门(如在倒灌情况下使用,还应关闭吸入管路上的阀门);并关闭所有仪表。
- b、切断所有电源
- c、关闭冷却水
- d、如果环境温度低于输送液体的凝固点时,要放空泵腔内的液体,以免泵被冻坏。
- e、如果长时间停机不用,除将泵腔内的液体放空外,各零部件还应拆卸清洗干净,尤其是密封腔。最好是将泵拆开清洗干净后重新装配,将各零部件做好防锈等措施。

E、拆卸

当泵出现意外情况需要检修时,应按顺序进行拆卸

- a、将泵体及悬架支架上与底座连接的螺栓拆开。

- b、拆开泵体与托架连接的螺栓,取出泵体。
- c、左旋拧下叶轮螺母,取出叶轮和键;将叶轮上的机械密封动环取出。
- d、将泵盖连同密封箱、机械密封从泵轴上取出;拧下密封箱与泵盖连接的螺栓,取出机械密封静环、静环座及弹簧。
- e、将轴套从轴上取出
- f、拧开托架两端的轴承端盖螺栓,将轴承端盖取出,将轴从托架中取出。
- g、将三只轴承从轴上取下。
- h、如在拆卸过程中遇到困难,请与我公司联系。

A、Preparation before start

- a、Before start, clean pump and site, connect with cooling water.
- b、Apply adequate Li based grease for grease nipple on the brackets of both bearing ends.
- c、Check the motor turning before installation which should be the same to the turning marking on the pump, then install without idling and reversing.
- d、Turn coupling manually free from any friction.
- e、Fill the pump chamber with transferring liquid or vacuumize before starting when the pump is used under the condition of suction; open the valve of suction pipes and discharge pipes before starting to release the air from the suction pipes then close the valve on the discharge pipe when it is used under the condition of back flowing.
- f、Check the base and all of the bolts loosely or not, the supply status of lubrication and cooling water before starting. (if the temperature is lower than 60°C, no cooling water is required.)

B、Starting

- a、Connect cooling water and make the volume and the pressure properly that can keep the water flowing. (if the temperature is lower than 60°C, no cooling water is required)
- b、Close the pressure gauge (vacuum gauge) and valves (also close the pass – by if it has) on the discharge pipes; start the motor (the best way is pointing the motor to determine the pump turning is the same to the turning marking on the pump), open the pressure gauge (vacuum gauge) on the discharge pipes slowly, if the rotary speed for the pump is normal, open the valve on the discharge pipes to adjust the pressure as the working condition requirement. The pump can not be worked continuously for 3 minutes under the condition of the valve closed on the discharge pipes.
- c、Pay attention to the motor power and pump vibration conditions during starting, if the vibration is too big, stop the pump and adjust.

C Running

- a、Check the pump temperature rising conditions (bearing temperature should be less than 75°C) after starting for 20 minutes.
- b、Check the bearing temperature rising and lubricating conditions for pump regularly.

c、Do not control the flow by the valve on the suction pipes to avoid producing cavitations; the pump can not be continuously used if the flow is less than 30% of designing; if the flow is too large, the pass – by should be set on the discharge pipes to release the redundant liquid .

d、Pay attention to the noise when running, if the noise is too high, the pump should be stopped for inspection.

D、Stop

a、Close the valve on the discharge pipes slowly (if under the condition of back flowing, closing the valve on the suction pipes is also required.); then close all of the meters.

b、Disconnect power

c、Close cooling water

d、 If the environment temperature is lower than liquid freezing point of transfer, releasing the liquid in the pump chamber to avoid being frozen.

e、 If stop the pump for a long time, besides releasing the liquid in the pump chamber, all the parts should be disassembled and cleaned, especially seal cavity. The best way is disassembling the pump and cleaning, then assemble again, taking measures to prevent corrosion for all the parts.

E、Dismantle

Dismantle as following sequence as overhaul.

a、 Remove the bolts from the pump and the suspension bracket which connected to the pedestal.

b、Loose connection bolt of pump body and bracket to remove pump body.

c、 Left – laterally remove the impeller nuts and take out of the impeller and key, dismantle the mechanical sealing ring from the impeller.

d、Take out of the pump cover, seal box and mechanical seal from the pump shaft; remove the mechanical seal static ring, stationary ring adaptor and springs.

e、Remove the sleeve from the shaft.

f、 Remove the bearing cover bolts from the both ends of the brackets and take out the cover, get the shaft from the bracket.

g、Take off three bearing from axle.

h、 If you have some difficulties in dismantling, please contact with us .

七、机械密封使用注意事项 Mechanical seal and caution of usage

该型号泵是根据压滤机的特殊的使用工况条件而引进、吸收德国先进的机械密封，在使用和维护过程中应注意以下几点：

A、由于出厂时配套的是适用于耐颗粒、抗结晶的机械密封，因此当温度高于 60℃时在请注意加冷却水，如介质禁止加冷却水，应在合同中注明。

B、拆卸机械密封应仔细，不许用铁锤的铁器敲打，以免损坏机械密封动、静环密封面。

C、如果有污垢拆不下来,应设法清除污垢,冲洗干净后再进行拆卸,以免损伤机械密封元件。

D、安装机械密封前,应检查所有元件是否完好,如有损坏,应及时更换。

E、应严格检查机械密封动环、静环的相对摩擦面,不允许有任何细微的擦痕,碰伤等缺陷,所有零部件在装配前应清洗干净,动环、静环的摩擦面应用清洁的、柔软的布或者棉纱认真擦拭干净,然后涂上少许润滑油。

F、装配过程中应注意消除偏差,紧固螺钉时要用力均匀,避免发生倾斜,使机械密封失效。

G、该机械密封在安装过程中无须调整机械密封弹簧的压缩量。

H、启动前应先开启冷却水。停机时先切断电源,待泵完全停稳后再关闭冷却水。

This type pump is brought in, digesting and absorbing German advanced mechanical seal technology according to the special usage working conditions of press filter. So the following points should be paid attentions to during usage and maintenance:

A、The matching pump can be suitable for mechanical with crystallization – resistant and wear resistance when delivery, so cooling water should be added when the temperature is more than 60°C (if the mediums can not allow to add cooling water, it should be specified in the contract.)

B、Remove the mechanical seal carefully and do not knock the steel by hammer to prevent the moving and static rings sealing surface from damaged.

C、If the pump can no be dismantle due to the fouling, remove it and wash clearly then dismantle to prevent sealing components damaged.

D、Inspect all the components before install the mechanical seal, replace the damaged components timely

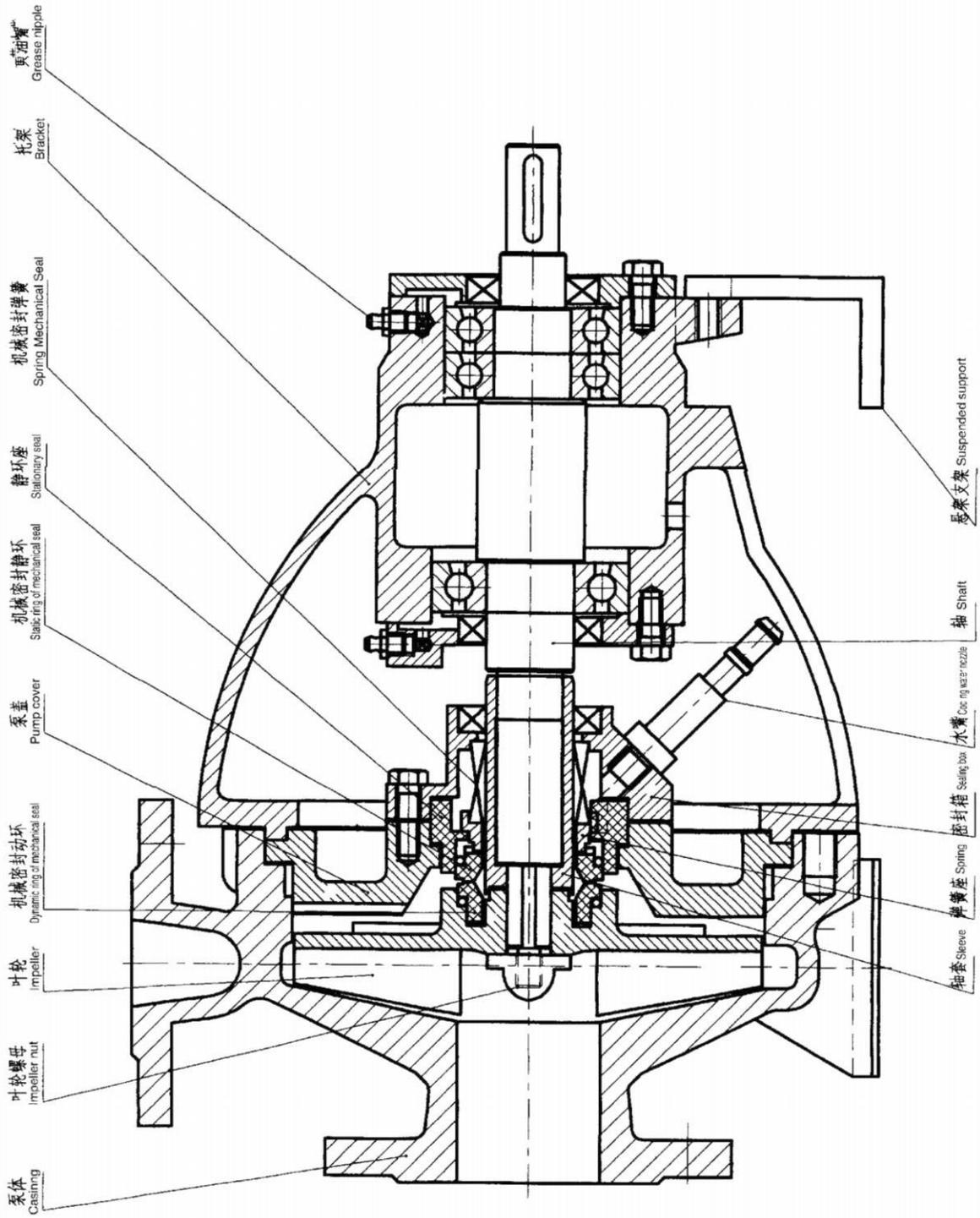
E、Inspect the relative friction surfaces for moving and static rings of mechanical sealing without scratch, collisions and any other defects. All the components should be cleaned before installation, the relative friction surfaces are also required cleaning by sanitary and soft cloth or cotton yarns, then coated some lubrication.

F、Eliminating the deviations cautiously during assemble, tight the bolts uniformly to avoid tilting which can make the mechanical seal failure.

G、No need to adjust the compressed volume of seal springs during the process of mechanical sealing installation.

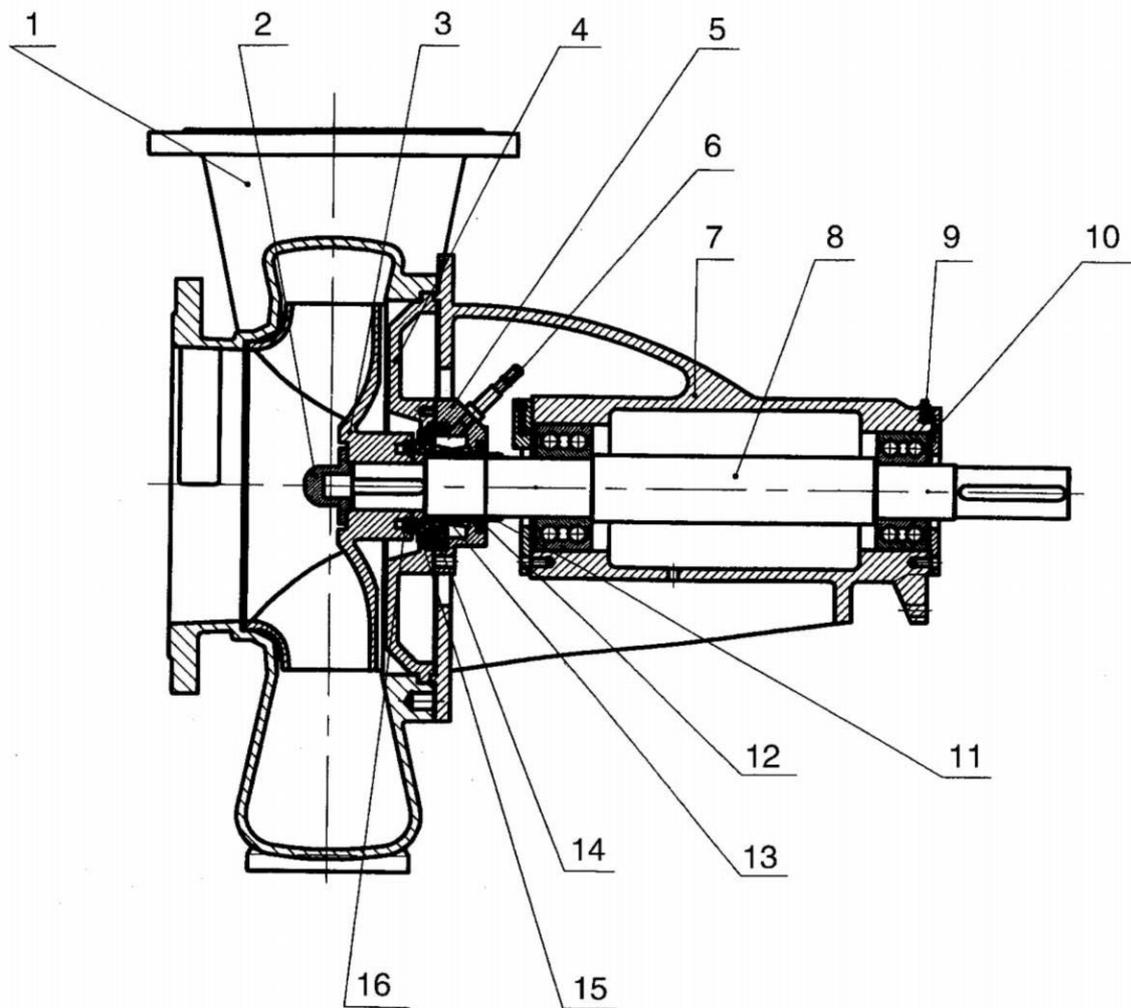
H、Open the cooling water before start. Cut off the power when stopped, and do not close the cooling water until the pump is completely stable.

八、HYMK系列化工泵结构图一(进液口径 $\Phi 25 - \Phi 200$)HYMK series of chemical pumps structure picture one (inlet diameter $\Phi 25 - \Phi 200$)



HYMK 系列化工泵结构图二(进液口径大于 $\Phi 200$)

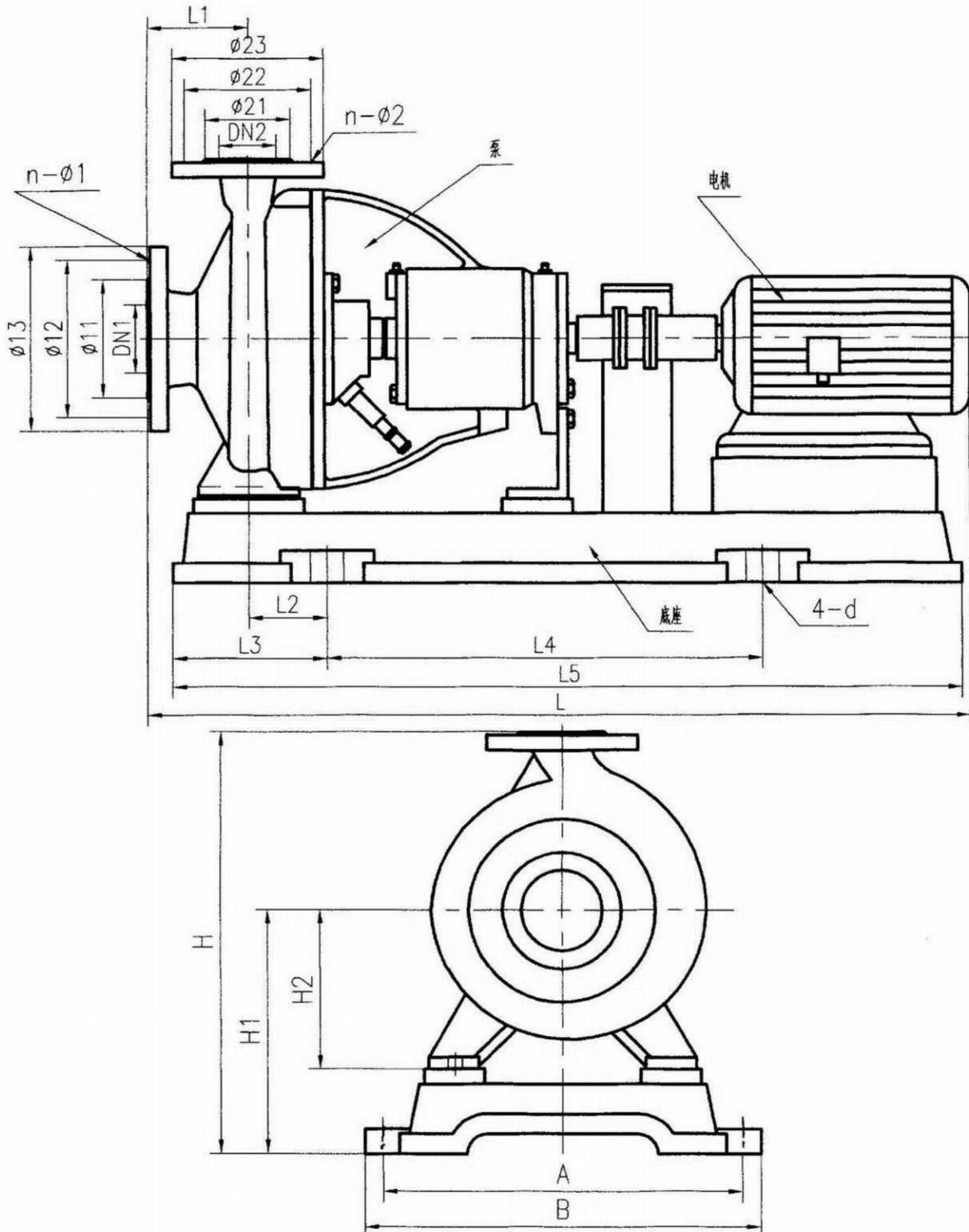
HYMK series of chemical pumps structure picture two (inlet diameter bigger than $\Phi 200$)



- | | | | |
|----------------|---------------|------------------|-------------------------|
| 1、泵体 | 5、密封端盖 | 9、黄油嘴 | 13、弹簧 |
| 2、叶轮螺母 | 6、冷却水嘴 | 10、轴承压盖 | 14、静环座 |
| 3、叶轮 | 7、托架 | 11、轴套 | 15、密封静环 |
| 4、泵盖 | 8、轴 | 12、油封 | 16、密封动环 |
| 1、Pump body | 5、Seal gland | 9、Grease nipple | 13、Spring |
| 2、Impeller nut | 6、Cooling tap | 10、Bearing gland | 14、Static ring seat |
| 3、Impeller | 7、Bracket | 11、Sleeve | 15、Static seal ring |
| 4、Pump cover | 8、Axle | 12、oil seal | 16、Dynamic sealing ring |

九、HYMK系列化工泵安装尺寸图

Installation dimension drawing of HYMK series chemical pump





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十、HYMK系列化工泵安装尺寸表 Installation dimensional table of HYMK series chemical pump

泵型号 Type	电机型号 Model	泵安装尺寸 Pump installed size													进液口法兰 Inlet flange				出液口法兰 Outlet flange					
		L1	L2	L3	L4	L5	L	H1	H2	H	A	B	d	DN1	Φ11	Φ12	Φ13	n - Φ1	DN2	Φ21	Φ22	Φ23	n - Φ2	
HYMK25 - 25 - 125	0.75KW - 4	80	15	100	600	850	705	192	112	332	350	390	19											
	2.2KW - 2		15	100	600	850	780	192	112	332	350	390	19											
HYMK25 - 25 - 160	0.75KW - 4	80	15	100	600	850	705	212	132	372	350	390	19											
	3KW - 2		15	100	600	850	820	212	132	372	350	390	19	25	65	85	115	4 - 14	25	65	85	115	4 - 14	
HYMK25 - 25 - 200	1.1KW - 4	80	75	160	600	870	920	240	160	420	350	390	19											
	5.5KW - 2		95	195	640	1000	1010	270	180	495	460	520	19											
HYMK25 - 25 - 250	2.2KW - 4	100	80	160	840	1170	1105	280	180	505	490	540	19											
	7.5KW - 2		15	100	600	850	780	192	112	332	350	390	19											
HYMK40 - 32 - 125	0.75KW - 4	80	15	100	600	850	870	192	112	332	350	390	19											
	3KW - 2		15	100	600	850	870	192	112	332	350	390	19											
HYMK40 - 32 - 160	1.1KW - 4	80	15	100	600	850	805	212	132	372	350	390	19											
	4KW - 2		15	100	600	850	890	212	132	372	350	390	19	40	88	110	150	4 - 18						
HYMK40 - 32 - 200	1.5KW - 4	80	15	100	600	850	830	240	160	420	350	390	19											
	7.5KW - 2		75	160	600	870	965	240	160	420	350	390	19											
HYMK40 - 32 - 250	2.2KW - 4	100	95	195	640	1000	1010	270	180	495	460	520	19											
	11KW - 2		80	160	840	1170	1235	280	180	505	490	540	19							32	78	100	140	4 - 18
HYMK50 - 32 - 125	0.75KW - 4	80	15	100	600	850	785	192	112	332	350	390	19											
	4KW - 2		15	100	600	850	895	192	112	332	350	390	19											
HYMK50 - 32 - 160	1.1KW - 4	80	15	100	600	850	810	212	132	372	350	390	19											
	5.5KW - 2		75	160	600	870	970	212	132	372	350	390	19											
HYMK50 - 32 - 200	1.5KW - 4	80	15	100	600	850	835	240	160	420	350	390	19											
	11KW - 2		55	140	740	1000	1100	240	160	420	440	490	19	50	102	125	165	4 - 18						
HYMK50 - 32 - 250	2.2KW - 4	100	120	220	620	1000	1010	270	180	495	460	520	19											
	15KW - 2		80	160	840	1170	1235	280	180	505	490	540	19											
HYMK65 - 50 - 125	0.75KW - 4	80	15	100	600	850	785	192	112	332	350	390	19											
	5.5KW - 2		75	160	600	870	970	192	112	332	350	390	19	65	118	145	185	4 - 18	50	102	125	165	4 - 18	
HYMK65 - 50 - 160	1.5KW - 4	80	15	100	600	850	835	212	132	372	350	390	19											
	7.5KW - 2		75	160	600	870	970	212	132	372	350	390	19											



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HYMK 系列化工泵安装尺寸表 Installation dimensional table of HYMK series chemical pump

泵型号 Type	电机型号 Model	泵安装尺寸 Pump installed size											进液口法兰 Inlet flange				出液口法兰 Outlet flange						
		L1	L2	L3	L4	L5	L	H1	H2	H	A	B	d	DN1	Φ11	Φ12	Φ13	n-Φ1	DN2	Φ21	Φ22	n-Φ2	
HYMK65-40-200	2.2KW-4	100	15	100	600	850	900	240	160	420	350	390	19										
	15KW-2		55	140	740	1000	1120	240	190	420	440	490	19										
HYMK65-40-250	4KW-4	100	95	195	640	1000	1030	270	180	495	460	520	19	65	118	145	185	4-18	40	88	110	150	4-18
	18.5KW-2		80	160	840	1170	1280	280	180	505	490	540	19										
HYMK65-40-315	7.5KW-4	125	95	195	640	1000	1170	290	200	540	460	520	19										
	37KW-2		45	160	940	1240	1450	300	200	550	550	610	24										
HYMK80-65-125	1.5KW-4	100	15	100	600	850	835	212	132	372	350	390	19										
	7.5KW-2		75	160	600	870	970	212	132	372	350	390	19						65	118	145	185	4-18
HYMK80-65-160	2.2KW-4	100	15	100	600	850	895	240	160	420	350	390	19										
	11KW-2		55	140	740	1000	1120	240	160	420	440	490	19	80	132	160	200	8-18					
HYMK80-50-200	3KW-4	100	15	100	600	850	895	240	160	440	350	390	19										
	18.5KW-2		55	140	740	1000	1165	240	160	440	440	490	19										
HYMK80-50-250	5.5KW-4	125	95	195	640	1000	1135	270	180	495	460	520	19										
	37KW-2		45	160	940	1240	1435	280	180	505	550	610	24						50	99	125	165	4-18
HYMK80-50-315	11KW-4	125	90	210	780	1220	1265	315	225	595	540	610	24										
	55KW-2		90	210	860	1350	1590	345	225	625	600	660	24										
HYMK100-80-125	2.2KW-4	100	15	100	600	850	895	240	160	420	350	390	19										
	15KW-2		40	140	740	1000	1120	240	160	420	440	490	19										
HYMK100-80-160	4KW-4	100	95	195	640	1000	1035	250	160	450	460	520	19										
	18.5KW-2		60	160	840	1170	1285	260	160	460	490	550	24										
HYMK100-65-200	5.5KW-4	100	95	195	640	1000	1110	270	180	495	460	520	19										
	37KW-2		45	160	940	1240	1470	280	180	505	550	610	24	100	156	180	220	8-18					
HYMK100-65-250	7.5KW-4	125	95	195	640	1000	1175	290	200	540	460	520	19										
	45KW-2		90	210	860	1350	1590	370	200	620	550	610	24						65	118	145	185	4-18
HYMK100-65-315	15KW-4	125	90	210	780	1220	1345	315	225	595	540	610	24										

HYMK 系列化工泵安装尺寸表 Installation dimensional table of HYMK series chemical pump

泵型号 Type	电机型号 Model	泵安装尺寸 Pump installed size												进液口法兰 Inlet flange					出液口法兰 Outlet flange				
		L1	L2	L3	L4	L5	L	H1	H2	H	A	B	d	DN1	Φ11	Φ12	Φ13	n - Φ1	DN2	Φ21	Φ22	Φ23	n - Φ2
HYMK125 - 100 - 200	11KW - 4	60	160	840	1170	1300	300	200	580	490	550	24											
	55KW - 2	90	210	860	1350	1625	325	200	605	550	610	24											
HYMK125 - 100 - 250	15KW - 4	110	210	780	1220	1360	315	225	600	540	600	24											
	90KW - 2	110	210	1000	1450	1760	345	225	630	645	720	24	125	184	210	250	8 - 18	100	156	180	220	8 - 18	
HYMK125 - 100 - 315	22KW - 4	140	120	250	860	1350	1420	380	250	695	600	24											
HYMK125 - 100 - 400	37KW - 4	140	140	270	860	1350	1530	410	280	765	600	24											
HYMK150 - 125 - 250	22KW - 4	140	120	250	860	1350	1420	380	250	740	600	24											
HYMK150 - 125 - 315	37KW - 4	140	140	270	860	1350	1530	410	280	765	600	24	150	211	240	285	8 - 22	125	184	210	250	8 - 18	
HYMK150 - 125 - 400	55KW - 4	140	140	275	940	1450	1650	445	315	845	600	24											
HYMK200 - 150 - 250	45KW - 4	160	140	270	860	1350	1750	410	280	785	600	24											
HYMK200 - 150 - 315	75KW - 4	160	200	335	1015	1560	1880	425	315	825	645	24	200	266	295	340	12 - 22	150	211	240	285	8 - 22	
HYMK200 - 150 - 400	110KW - 4	160	200	310	1060	1860	2150	425	315	875	645	24											

注：如需进液口径大于Φ200的安装尺寸图请直接与公司联系 Note: For inlet diameter is greater than Φ200 installation dimensions, please contact the company directly



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