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DLZ系列低噪声立式多级离心泵

DLZ SERIES LOW-NOISE VERTICAL MULTI-STAGE CENTRIFUGAL PUMP



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目 录

CONTENTS

概 述 General	1
结构说明 Description of structure	1
可供选择的材料和结构特性(泵部分) Selectable materials and structural characteristics(part of pump)	4
泵的装配、拆卸与修理 Assembly, disassembly and repair	4
DLZ型泵型谱图 Performance chart of DLZ type pumps	7
性能曲线图、性能表、安装尺寸图表 Performance curve chart & table, installation drawing & table	8
泵的几种安装方法 Several ways of installation	30
泵附件图及其尺寸表 Fittings drawing and dimension table	31
泵基础图及其联接尺寸 Basic drawing and link dimension	32

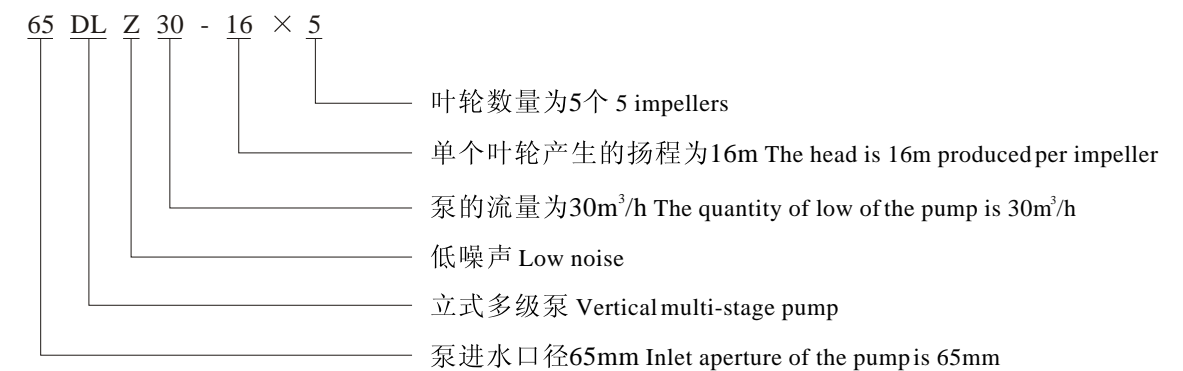
概 述 General

1. DLZ型低噪声立式多级离心泵是本公司长期研制开发的环保型新产品，产品的主要特点是泵与电动机组成一个联合机组，电动机是低噪声水冷式电动机，不用风扇而用水来冷却，这样做可以降低噪声和减少能耗。冷却电动机的水可以是泵输送的水，也可以是外供的清洁冷水。

DLZ型泵供输送清水及物理化学性质类似于清水的各种液体之用。输送介质温度80℃以下。输送介质在80℃以上时，可以采用外接冷却水来冷却电动机。适用于工业和城市给水，高层建筑增压送水，空调，采暖，消防及循环增压等。

2. 泵为立式安装，具有结构紧凑、噪声低、占地面积小等特点。

3. 泵型号意义：



4. 本系列泵所执行的技术标准是：JB/TQ809-89《立式多级泵型式与基本参数》、GB5657-1995《离心泵技术条件Ⅲ类》。

5. 泵的旋转方向：从电机端往下看，泵为逆时针方向旋转。

1. Model DLZ low-noise vertical multi-stage centrifugal pump is a new-style product of environmental protection and features one combined unit formed by pump and motor, the motor is a low-noise water-cooled one and use of water cooling instead of a blower can lower noise and energy consumption. The water for cooling the motor can be either the one the pump transports or the one externally supplied.

Model DLZ pump is used for transporting pure water and various liquids with both physical and chemical natures similar to the pure water, the transported medium's temperature is below 80℃; for the said temperature above 80℃, use external supplied cooling water to cool the motor. Suitable for industrial and city water supply, high building boosted water supply, air-conditioning, warming, fire-fighting, circular boost and so on.

2. The pump is vertically mounted, featuring compact structure, low noise, less area of land etc.

3. Model meaning:

4. The technical standards executed for the series pump: JB/TQ809-89《Model and basic parameters of vertical multi-stage pump》,GB5657-1995《Technical conditions of centrifugal pump, category III》.

5. Rotary direction of pump: CCW viewing downward from the motor.

结构说明 Description of structure

低噪声立式多级泵由泵及电动机两大部分组成，电动机是特殊的水冷式低噪声电动机。总体布置为电机在上部，泵在下部，泵和电动机用弹性联轴器联接。

Low-noise vertical multi-stage pump consists of pump and motor, the motor is a special water-cooled low-noise motor. The overall configuration is such as the motor is on the upper and the pump on the lower, an elastic clutch is jointed between both motor and pump.

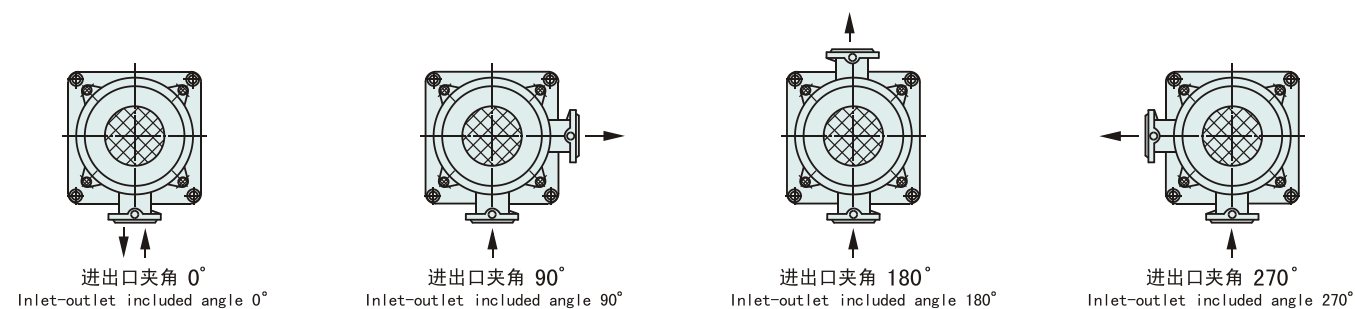
(1)泵部分(见图1)。

1. DLZ型泵为立式结构,其吸入口位于泵下部的进水段上,吐出口位于泵上部的出水段上,均为水平方向布置。可根据使用扬程的需要增减水泵级数。根据安装使用不同,进出口夹角可选用0°、90°、180°、270°四个方位(见下图),以调整吐出口的安装位置(若无特别说明,按进出口夹角180°出厂)。

(1) Part of pump(See Figure 1)

1. Model DLZ pump has a vertical structure, with the suction on the inlet section on the lower of it and the drain on the outlet section on the upper of it, both are horizontally arranged. The stage number can be increased or decreased per the need of the head at use and the included angle between both inlet and outlet can be selected in 0°, 90°, 180° and 270° four orientations(see the Figure below) per different uses and installations to adjust the mounting position of the drain (the said angle is set in 180° when ex-works unless otherwise specified).

从电机端看,出口相对进口位置示意图
Schematic diagram of the position of the outlet relative to the inlet, as viewed from the motor



2. DLZ型泵的主要零件有:进水段、中段、出水段、填料体、叶轮、导叶、出水段导叶、轴、轴承、轴套、平衡鼓、连接架等。

2. Major parts of the pump: inlet, middle and outlet sections, filling body, impeller, guide vane, guide vane on outlet section, shaft bearing, shaft sleeve, balance drum and sleeve, link stand etc.

2.1 进水段、中段、出水段、导叶均为铸铁制成,共同形成泵的输液工作部分。

2.1 The inlet, middle and outlet sections and the guide vane are made of cast-iron and mutually form the working part of liquid transportation of the pump.

2.2 轴为优质碳钢制成,其上装有下列轴套、叶轮、平衡鼓、轴套等,用键和轴套螺母固定在轴上成为泵的转子部分。

2.2 The shaft is made of qualified carbon steel and on it the upper muff, impeller, balance drum, muffs etc. are mounted, they are fixed on the shaft with keys and the muff nuts to form the rotor of the pump.

2.3 叶轮上的轴向力主要由平衡鼓来平衡,残余轴向力由轴上端的轴承来承受。

2.3 The axial force on the impeller is mainly balanced by the balance drum and the residual axial force is borne by the bearing on the upper of the shaft.

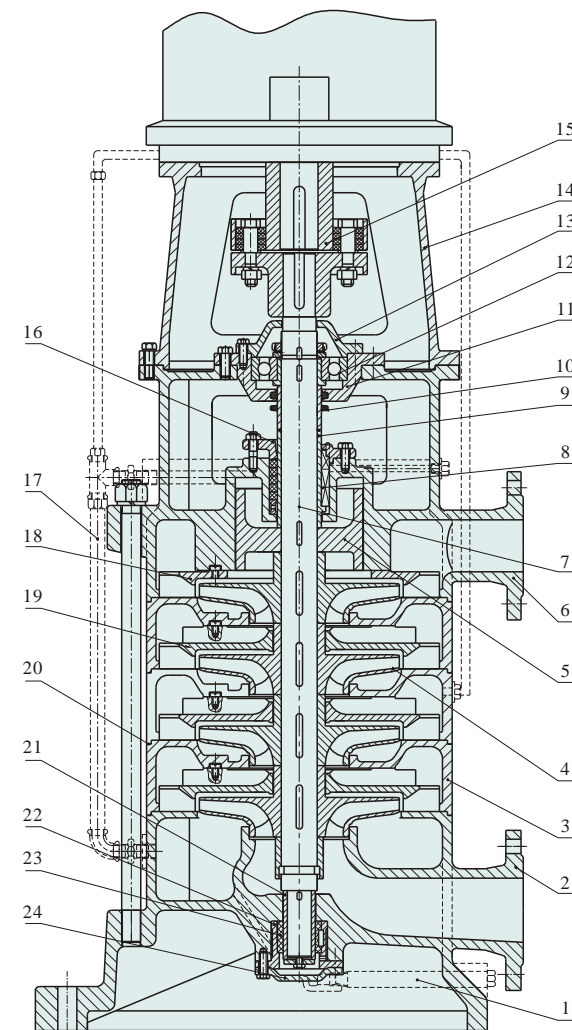
2.4 轴封不仅可用软填料,而且可与机械密封互换,当用软填料密封时,轴套磨损后可以更换。

2.4 The shaft seal can not only use soft packing but also be changed with mechanical seal, when using soft packing, the shaft sleeve can be replaced when worn out and, when as the mechanical seal, the pressure water inside of the balance room is used for lubrication and cooling.

轴封为机械密封时,采用平衡室内的压力水进行润滑和冷却。

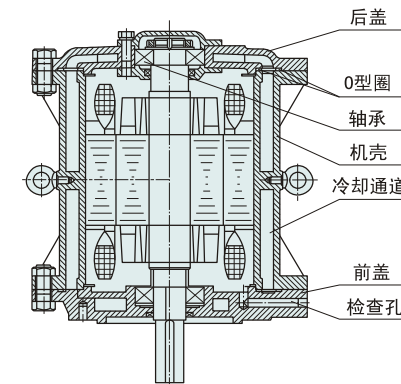
轴封为填料密封时,出水段上的3/8"须装有软管接头,用于把填料中漏出的水通过软管排放到地沟里,以保持水泵周围场地的整洁。

When as the filling seal, the 3/8" flexible union on the outlet section is used through the flexible pipe to drain the water leaked from the filling body to the underground ditch to keep the place around the pump clean.



DLZ型泵结构图(图1)
Structure of model DLZ pump (Figure 1)

1	放水丝堵 Drainage wire-jam	13	轴承盖 Bearing cover
2	进水段 Inlet section	14	连接架 Linkage stand
3	中段 Middle section	15	联轴器部件 Coupling
4	叶轮 Impeller	16	机械密封/填料压盖 Mechanical seal/seal gland
5	平衡鼓 Balance drum	17	回水管部件 Back water pipe part
6	出水段 Outlet section	18	末级导叶 Last-stage guide vane
7	轴 Shaft	19	导叶 Guide vane
8	机械密封/填料函体 Mechanical seal/body	20	密封垫 Seal pad
9	轴套 Shaft sleeve	21	水润滑轴承套 Water lubricated bearing sleeve
10	挡水圈 Water retaining sleeve	22	水润滑轴承体 Water lubricated bearing
11	轴承体 Bearing body	23	水润滑轴承 Water lubricated bearing
12	轴承 Bearing	24	水润滑轴承盖 Water lubricated bearing cover



电动机结构图(图2)
Structure of motor (Figure 2)

2.5 泵上端轴承采用二硫化钼润滑脂润滑。

(2) 电动机部分

电动机为特殊设计的水冷式低噪声电动机，结构见图2。

水冷式电动机的结构原理是这样的：在电动机的外围设置冷却通道，通过进水管路，从泵的高压部位将泵输送的水引入冷却通道，在冷却电动机后，冷却水经回水管路回到泵的低压部位，形成一个循环，既冷却了电动机又没有水的流失，保持了工作场地干燥和泵的效率。

电动机壳体部分包括机壳、前盖和后盖，机壳和前、后盖之间有“O”型圈作为密封件，防止水漏出和漏入电动机，在低噪声电动机上这是十分重要的部位。

轴承分别装在前盖和后盖中，轴承采用的是密封式轴承，轴承中已装入润滑剂，在有效的工作时间内可不加油。

电动机的定子和转子与常规的Y型电机基本一样。

2.5 The bearing on the upper end of the pump uses molybdenum disulfide grease for lubrication.

(2) Part of motor

The motor is a specially designed water cooled low noise one, see Figure 2 for its structure.

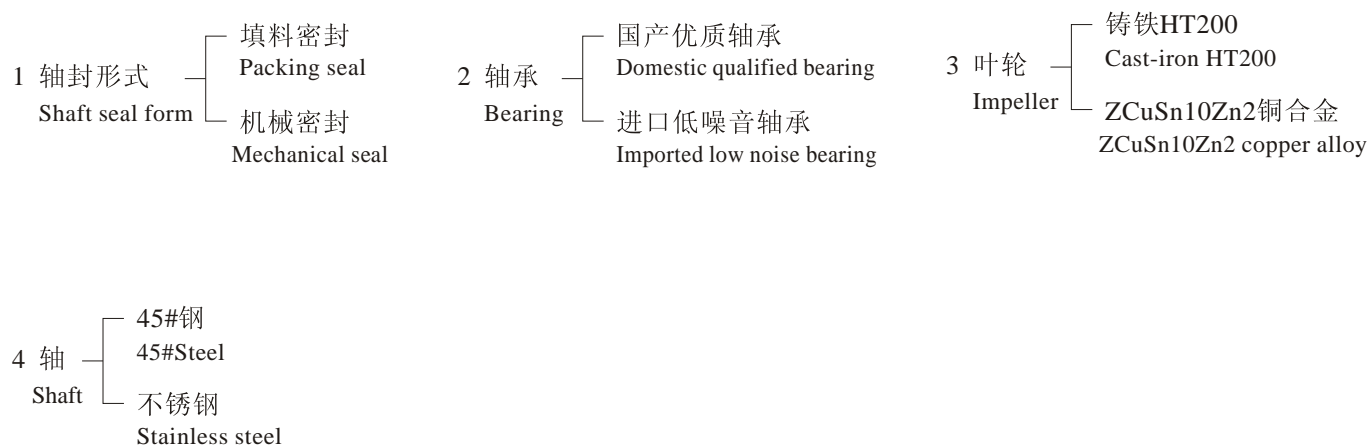
Its structural principle comes like this: set up a cooling channel on the periphery of the motor and, via the inlet pipeline, lead the water transported by the pump in the channel from the high pressure part of the pump and ,after it cools the motor, the cooling water goes back to the low-pressure part of the pump via the back water pipelines to from a circulation, not only cooling the motor but also being no loss of water, thus keeping the site dry and the pump efficiency.

The casing of the motor covers casing, front and rear covers and between the casing and both front and rear covers there are “O” -rings as the sealings to prevent water leakage and from getting in the motor, which is a very important part of a low noise motor.

The bearings, as sealed ones, are mounted on both front and rear covers, inside of them are filled with lubricant so as not necessary to lubricate within the effective working period.

Both motor and stator of the motor are basically same as those of the ordinary Y-type motors.

可供选择的材料和结构特性(泵部分)(订货时注明)
Selectable materials and structural characteristics (part of pump)(please note at order)



泵的装配、拆卸与修理 Assembly, disassembly and repair

(1) 泵部分

1. 部件组装:

1.1 将水润滑轴承装入水中轴承体内，并装在水段上。

1.2 在出水段上装末级导叶，将导叶装入中段。

1.3 装好回水管部件

1.4 在轴上嵌上短键，将下轴套穿入装上，并用挡圈和螺母压紧固定之。

1.5 将电机联轴器装到电机上。

2. 总装:

2.1 将轴穿入进水段，并将键放在轴键槽内，顺轴装上第一级叶轮。

2.2 将已装好导叶的中段顺轴装在进水段上，再装上第二级键、叶轮，重复以上步骤，直至将所有键、叶轮和中段装完。

2.3 将出水段装在中段上，再装上平衡鼓，装上轴套。

2.4 将填料体顺轴装在出水段上，用拉紧螺栓将进水段、中段、出水段和填料体紧固在一起。

2.5 轴封为机械密封时，应先装在轴套上，然后装到轴上，并在泵装完后用密封压盖固定之。

2.6 装入挡水套，将轴承盒装在填料体上，并用螺栓紧固。

2.7 将已装好轴承的轴承衬套装到轴上，并用螺母紧固。

2.8 往轴承盒内注入适量黄油，并将纸垫套在轴承盖上，将轴承盖装到轴承盒上，并用螺栓紧固，再装上泵联轴器，并用手盘动转子，检查转子是否灵活。

2.9 将联接架装在填料体上，用螺母紧固之，并在联接架上安装好电机。

2.10 在泵上装好回水管部件。

(1) Part of pump

1. Assembly of parts:

1.1 Insert the sand-proof tube into the hole on the inlet section. Put the water bearing into the water bearing body and then in the inlet section.

1.2 Mount the upstage vane on the outlet section, and put in the middle suction.

1.3 Mount the back water pipe.

1.4 Inlay the short key on the shaft and put the lower shaft sleeve on, then fix it with the retaining ring and nuts.

1.5 Mount the coupling on the motor.

2. Assembly:

2.1 Insert the shaft into the inlet section and put the key into the key slot on the shaft and mount the first-stage impeller on along with the shaft.

2.2 Mount the middle section already mounted with the guide vane on the outlet section along with the shaft, then the second stage key and impeller, repeat these steps till all keys, impellers and middle sections mounted.

2.3 Mount the outlet section on the middle one, then the balance drum.

2.4 Mount the seal body on the outlet section along with the shaft and, with the tensile bolt, tighten the inlet, middle and outlet sections and the seal body together.

2.5 The shaft seal, in case of a mechanical seal, should be first mounted on the sleeve and then on the shaft and, after the pump is mounted, is fixed with the gland.

2.6 Put the water retaining sleeve in. Mount the bearing case on the filling body and tighten it with a bolt.

2.7 Have already pack the bearing suit of the good bearing arrived the stalk topornd fix with nuts and fix with nuts.

2.8 Add a proper amount of grease into the bearing case, put a paper pad on the bearing cover, then mount the bearing cover on the case and fix it with a bolt. Then mount the pump coupling and turn the rotor with hand to check if it turns flexibly.

2.9 Mount the linkage stand on the seal body and fix it with nuts then nount the motor on the stand.

2.10 Mount the back water pipe on the pump.

2.11 装上联轴器柱销。装好放气旋塞、油杯和所有的丝堵。

3. 泵的拆卸按上述相反步骤进行。

(2) 电动机部分

低噪声泵的电动机是特殊的专用电动机，一般情况下尽量避免打开。打开时应特别注意冷却通道的密封件。电动机的前盖、后盖上设有O型圈作密封用，检修时应观察O型圈是否完整，如有损坏应更换。其次应再观察O型圈的槽道及相应的密封平面是否平整光洁，并清理，修正之。

滚动轴承应注意检查其游隙，正常情况，内圈对于外圈基本上手感无游隙，或只有很小的游隙，否则应更换。

电动机检修时应检查电动机相间及相对地绝缘电阻。

低噪声泵如果卸开电动机进行维修，则在重装后，应对电动机冷却通道作密封性气压试验，压力不小于最高使用压力，但不小于0.5MPa，保持3分钟。

电动机部分电气系统的检查及修理请参照有关规定。

电动机下部的检查孔用于检查电动机内部是否进水，如果检查孔有冷却液体漏出，表示电动机内可能已进水，应予卸开检查。如果电动机在冷热温度变化较大的情况下工作，电动机内可能有凝露产生，此时检查孔偶然有极少量液体漏出，不影响使用。

2.11 Mount the postal pin on the coupling Mount the airbleed cock, oil cup and all wire-jams.

3. Take reversed steps to disassemble.

(2) Part of motor

The low noise pump used motor is a specially used one and should be kept unopened as can as possible under general conditions. When to open it, special attention has to be paid for the sealings on the cooling channel. The O-rings on both front and rear covers of the motor act as sealings and check them if they are intact during overhaul and replace it if found damaged. Next check the slots for the rings and the corresponding planes if they are flat and clean, make them up and trim them when necessary.

Check the lash of the rolling bearing, none of which should be touched basically for the inner ring to the outer one under a normal condition, or only a very little one exists, otherwise it must be replaced.

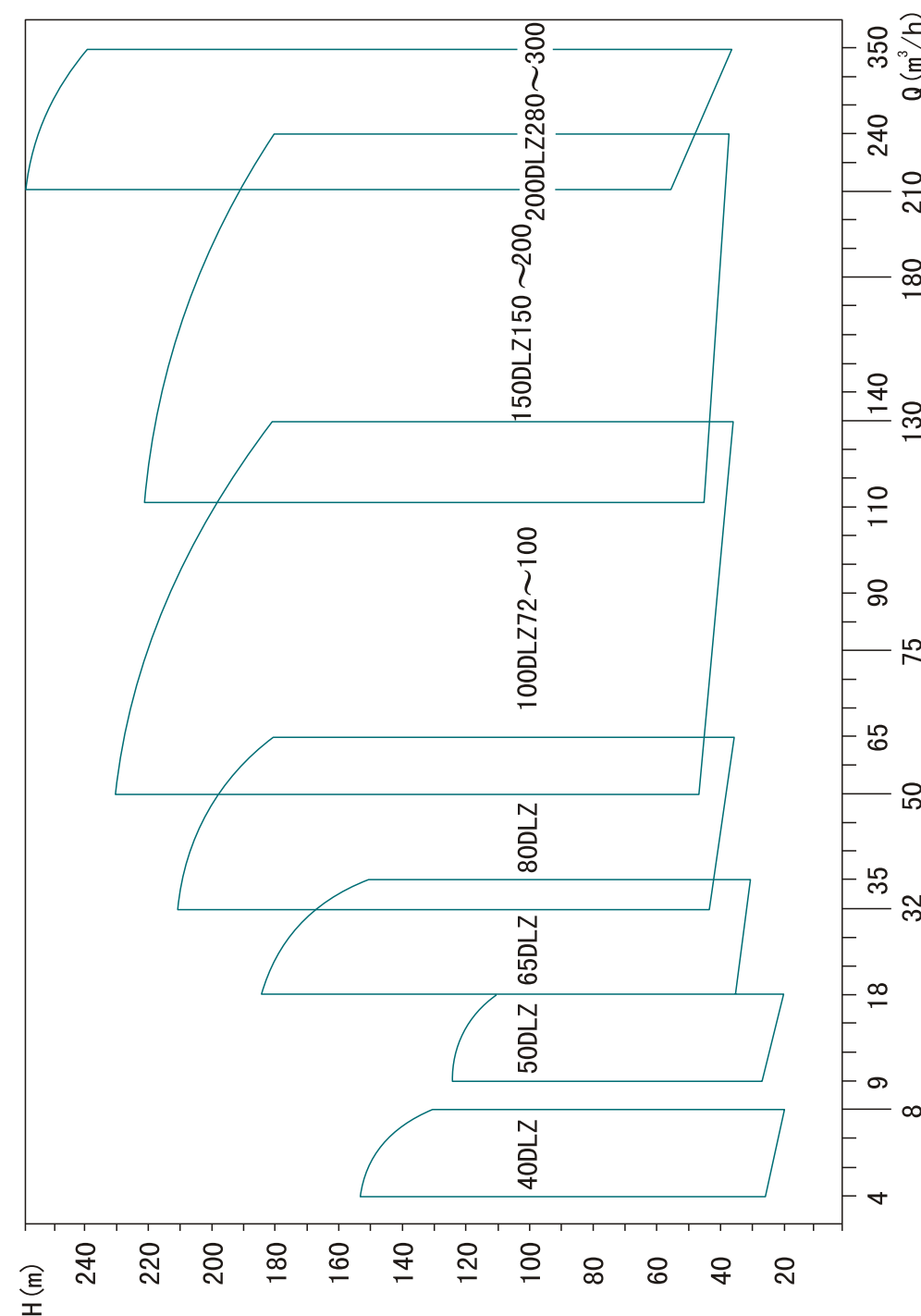
Check the dielectric resistances between the phases and between the phase and ground during the overhaul to the motor.

When to repair the low noise pump with the motor removed, take a sealed air-pressure test on the cooling channel of the motor after it is remounted on, the pressure is no less than the maximum one of use and no less than 0.5MPa and kept for 3 minutes.

Check and repair the electric system of the motor according to the related provisions.

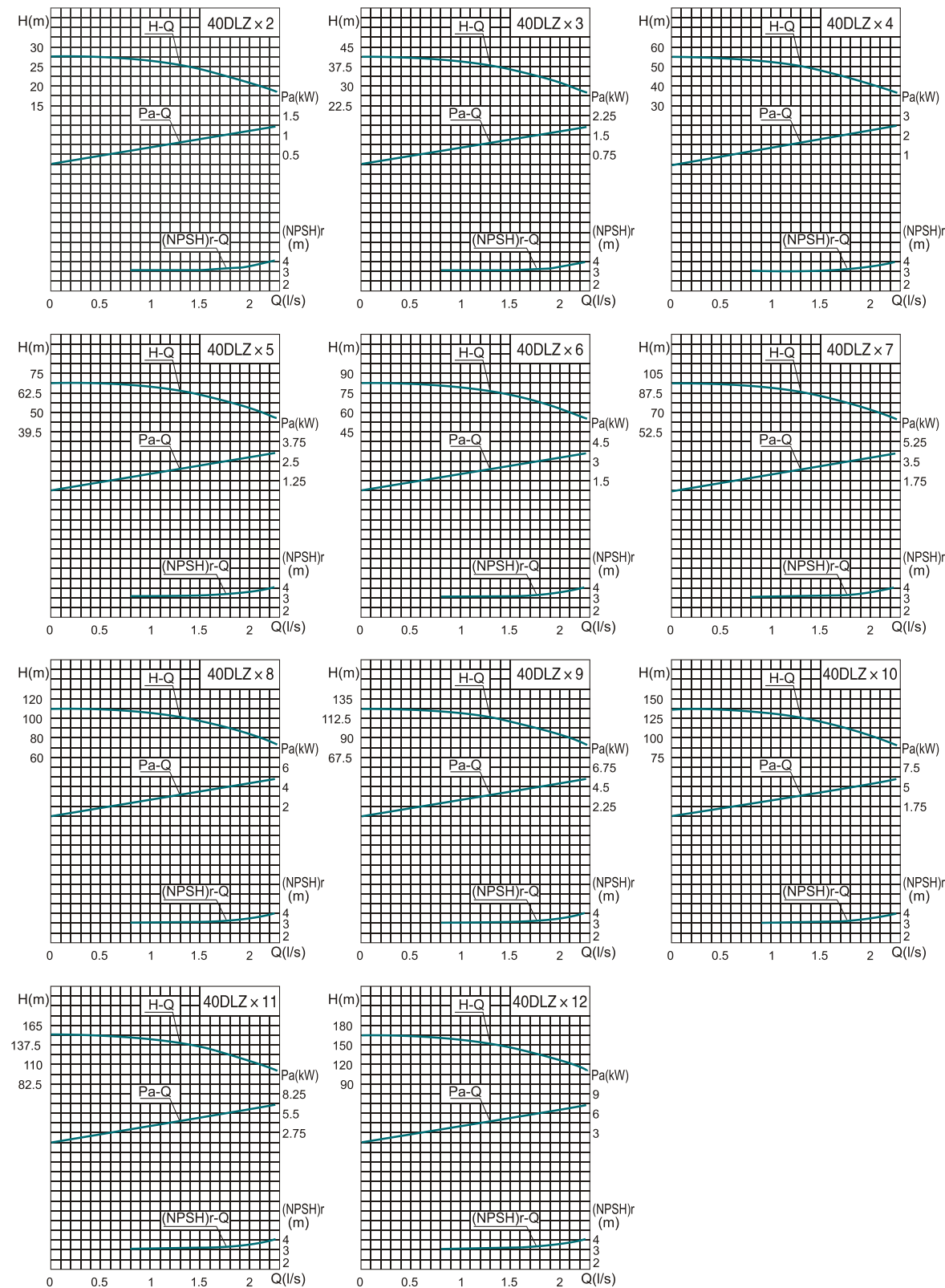
The viewing hole on the lower of the motor is used to see if there is water inside of it and it means yes if the cooling liquid goes out of the hole, then open it to check. However it will not affect use for very little liquid to go out of the hole because of the condensed dews produced inside of the motor, which may occur if the motor is used under such c condition as the temperature varies greatly.

DLZ型泵型谱图 Performance chart of DLZ type pumps



DLZ型泵性能曲线图 DLZ type performance curve chart

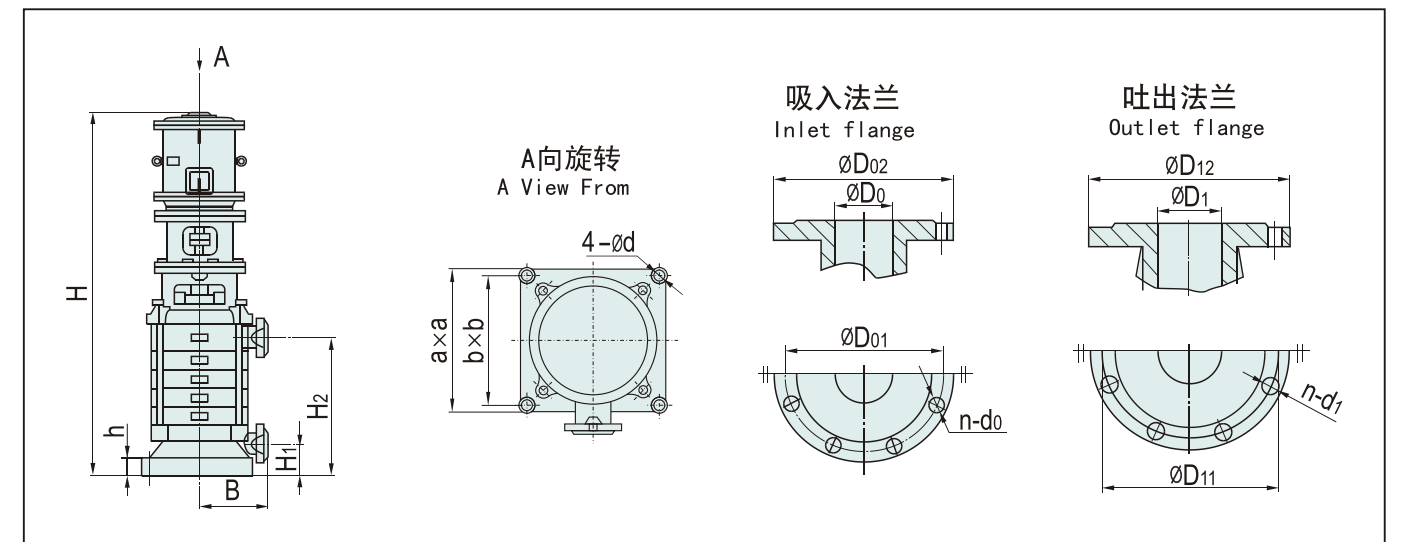
40DLZ × 2~40DLZ × 12



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

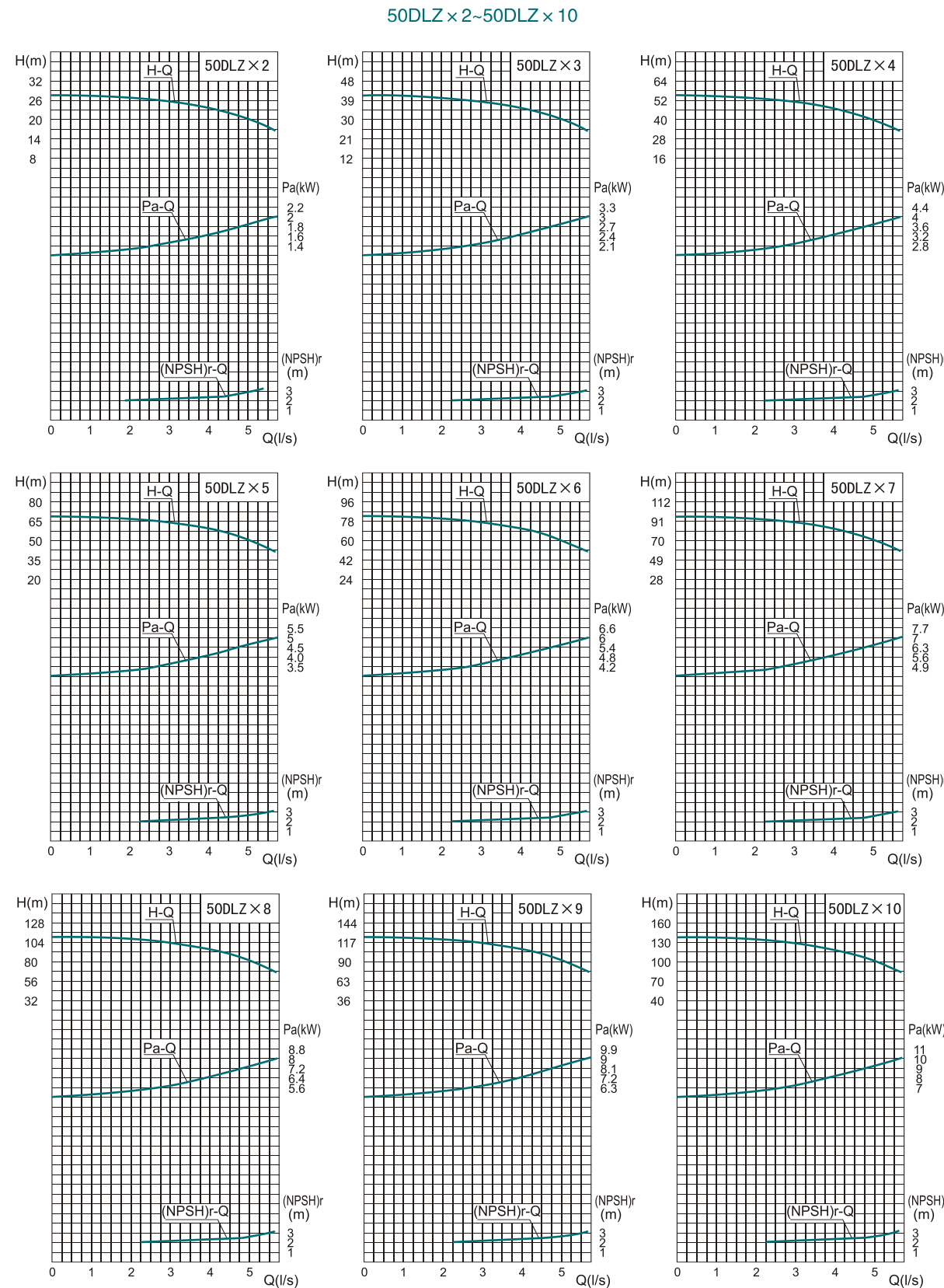
泵型号 Pump model	级数 Series	流量 Capacity (m³/h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
40DLZ6-12	2	4.2 6 7.2	1.17 23.6 2	1.5	1480	3 3.2 3.6	230
	3	4.2 6 7.2	1.17 35.4 2	2.2	1480	3 3.2 3.6	280
	4	4.2 6 7.2	1.17 47.2 2	3	1480	3 3.2 3.6	300
	5	4.2 6 7.2	1.17 59 2	4	1480	3 3.2 3.6	330
	6	4.2 6 7.2	1.17 70.8 2	4	1480	3 3.2 3.6	350

泵型号 Pump model	级数 Series	流量 Capacity (m³/h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
40DLZ6-12	7	4.2 6 7.2	1.17 82.6 2	5.5	1480	3 3.2 3.6	400
	8	4.2 6 7.2	1.17 94.4 2	5.5	1480	3 3.2 3.6	415
	9	4.2 6 7.2	1.17 106 2	7.5	1480	3 3.2 3.6	450
	10	4.2 6 7.2	1.17 118 2	7.5	1480	3 3.2 3.6	470
	11	4.2 6 7.2	1.17 130 2	7.5	1480	3 3.2 3.6	490
	12	4.2 6 7.2	1.17 142 2	11	1480	3 3.2 3.6	560



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension				吸入法兰 Inlet flange				吐出法兰 Outlet flange					
		H	a × a	H ₁	H ₂	h	B	b × b	4-φd	D ₀	D ₀₁	D ₀₂	n-d ₀	D ₁	D ₁₁	D ₁₂	n-d ₁
40DLZ6-12	2	926	345 × 345	112	282	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5
	3	1031	345 × 345	112	342	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5
	4	1091	345 × 345	112	402	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5
	5	1168	345 × 345	112	462	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5
	6	1228	345 × 345	112	522	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5
	7	1371	345 × 345	112	582	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5
	8	1431	345 × 345	112	642	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5
	9	1491	345 × 345	112	702	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5
	10	1551	345 × 345	112	762	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5
	11	1611	345 × 345	112	822	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5
	12	1782	345 × 345	112	882	55	225	300 × 300	φ18	40	110	150	4-φ17.5	40	110	150	4-φ17.5

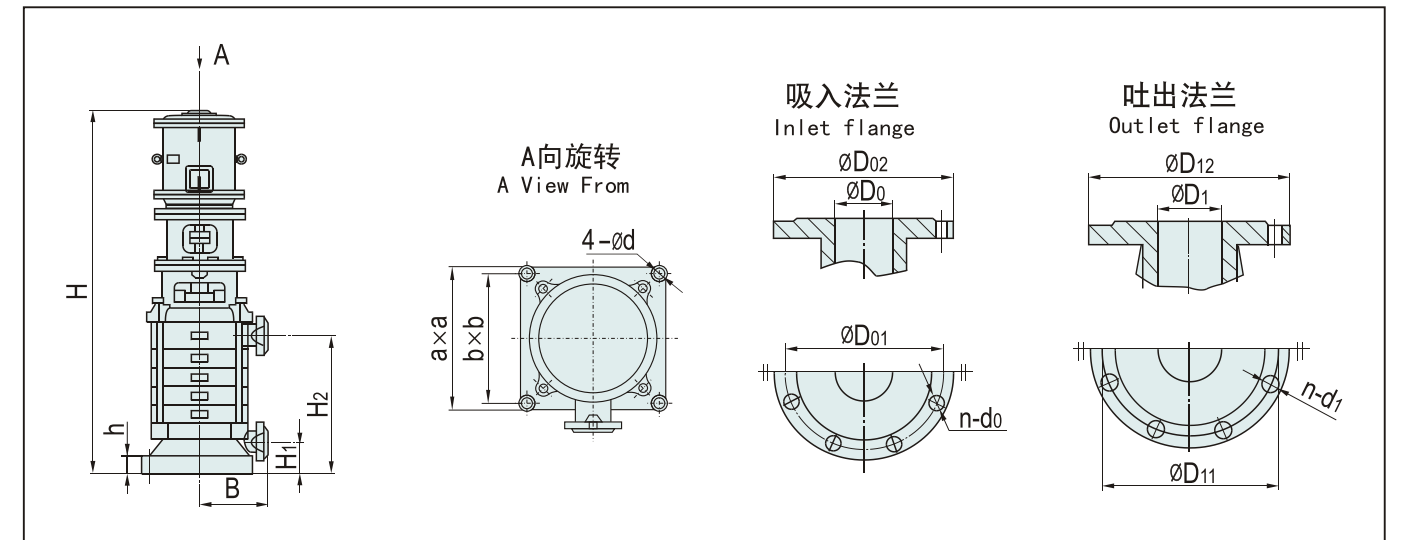
DLZ型泵性能曲线图 DLZ type performance curve chart



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

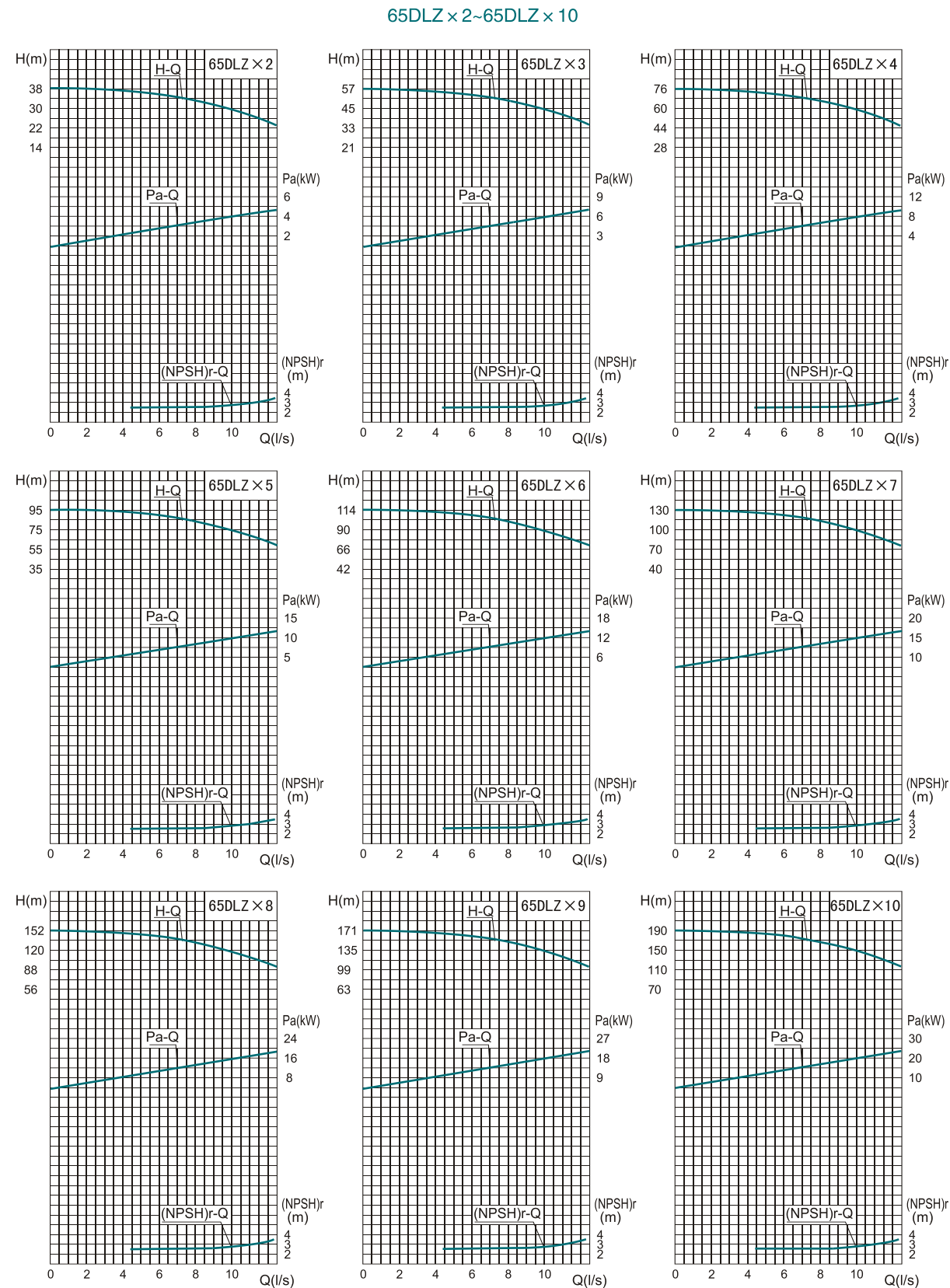
泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)		扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
50DLZ12-12.5	2	9	2.5	27	3	1480	2.6	235
		12.6	3.5	24.4			2.7	
	3	9	2.5	40.5	3	1480	2.6	255
		12.6	3.5	36.6			2.7	
	4	9	2.5	54	4	1480	2.6	285
12.6		3.5	48.8	2.7				
5	9	2.5	67.5	5.5	1480	2.6	330	
	12.6	3.5	61			2.7		
6	9	2.5	81	5.5	1480	2.6	350	
	12.6	3.5	73.2			2.7		

泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)		扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
50DLZ12-12.5	7	9	2.5	94.5	7.5	1480	2.6	380
		12.6	3.5	85.4			2.7	
	8	9	2.5	108	7.5	1480	2.6	405
		12.6	3.5	97.6			2.7	
	9	9	2.5	121.5	11	1480	2.6	470
12.6		3.5	110	2.7				
10	9	2.5	135	11	1480	2.6	490	
	12.6	3.5	122			2.7		



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension					吸入法兰 Inlet flange				吐出法兰 Outlet flange				
		H	a × a	H ₁	H ₂	h	B	b × b	4-φd	D ₀	D ₀₁	D ₀₂	n-d ₀	D ₁	D ₁₁	D ₁₂	n-d ₁
50DLZ12-12.5	2	1073	345 × 345	105	293	58	220	305 × 305	φ18	50	125	165	4-φ17.5	40	110	150	4-φ17.5
	3	1141	345 × 345	105	361	58	220	305 × 305	φ18	50	125	165	4-φ17.5	40	110	150	4-φ17.5
	4	1226	345 × 345	105	429	58	220	305 × 305	φ18	50	125	165	4-φ17.5	40	110	150	4-φ17.5
	5	1377	345 × 345	105	497	58	220	305 × 305	φ18	50	125	165	4-φ17.5	40	110	150	4-φ17.5
	6	1445	345 × 345	105	565	58	220	305 × 305	φ18	50	125	165	4-φ17.5	40	110	150	4-φ17.5
	7	1513	345 × 345	105	633	58	220	305 × 305	φ18	50	125	165	4-φ17.5	40	110	150	4-φ17.5
	8	1581	345 × 345	105	701	58	220	305 × 305	φ18	50	125	165	4-φ17.5	40	110	150	4-φ17.5
	9	1765	345 × 345	105	769	58	220	305 × 305	φ18	50	125	165	4-φ17.5	40	110	150	4-φ17.5
	10	1833	345 × 345	105	837	58	220	305 × 305	φ18	50	125	165	4-φ17.5	40	110	150	4-φ17.5

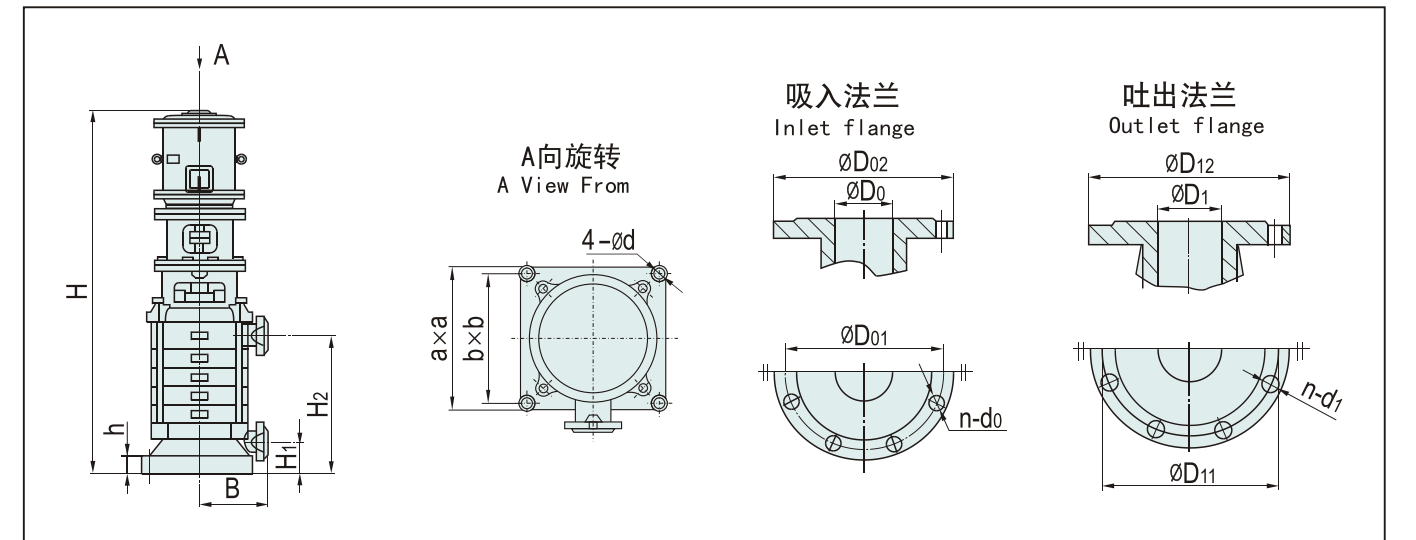
DLZ型泵性能曲线图 DLZ type performance curve chart



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

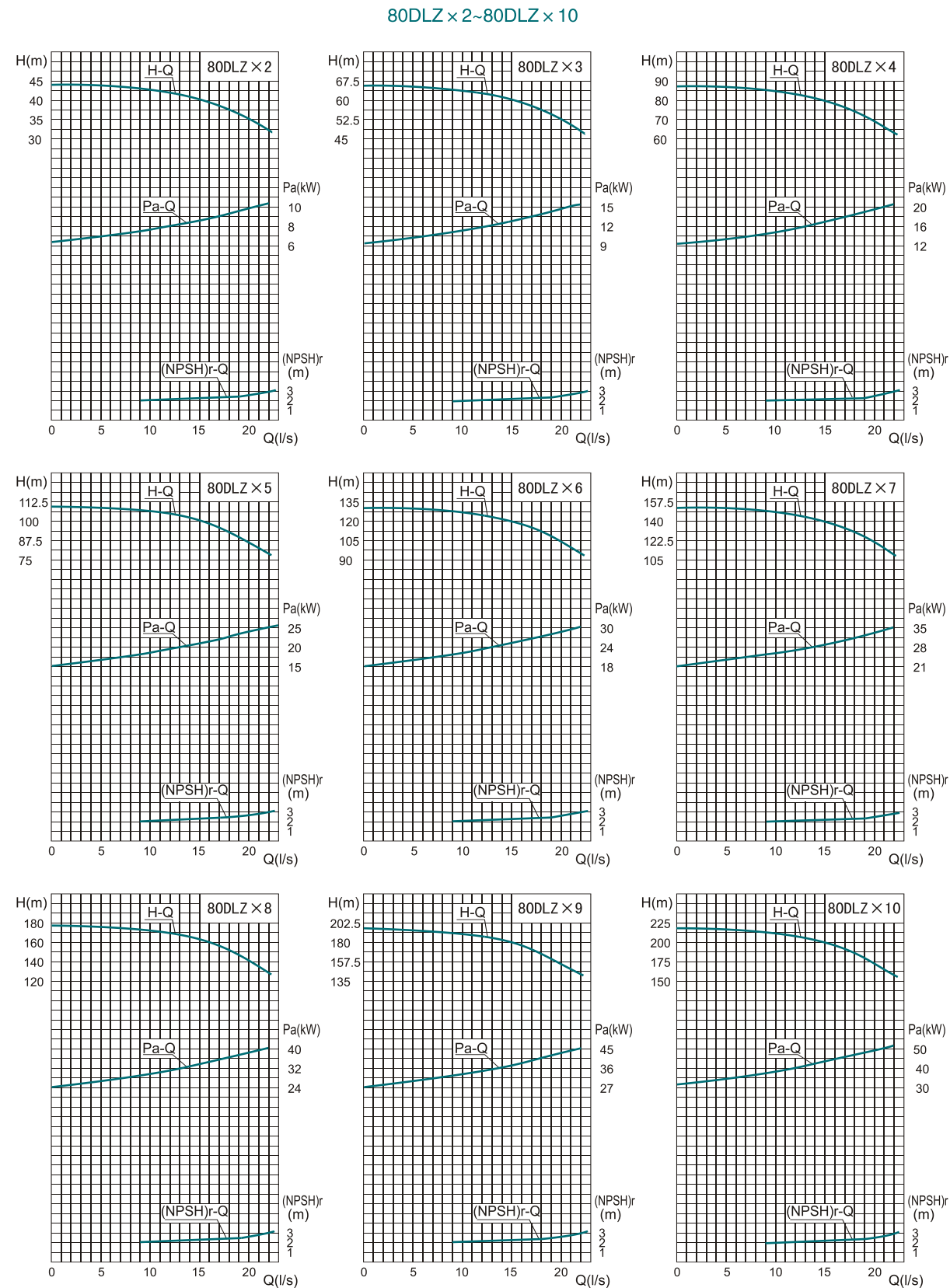
泵型号 Pump model	级数 Series	流量 Capacity		扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
		(m ³ /h)	(L/s)					
65DLZ30-16	2	18	5	37	5.5	1480	2.41	380
		30	8.33	32				
		35	9.72	29				
	3	18	5	55.5	7.5	1480	2.41	450
		30	8.33	48				
35	9.72	43.5						
4	18	5	74	11	1480	2.41	540	
	30	8.33	64					
35	9.72	58						
5	18	5	92.5	15	1480	2.41	600	
	30	8.33	80					
35	9.72	72.5						
6	18	5	111	15	1480	2.41	645	
		30	8.33					96
		35	9.72					87

泵型号 Pump model	级数 Series	流量 Capacity		扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
		(m ³ /h)	(L/s)					
65DLZ30-16	7	18	5	129.5	18.5	1480	2.41	730
		30	8.33	112				
		35	9.72	101.5				
	8	18	5	148	22	1480	2.41	795
		30	8.33	128				
35	9.72	116						
9	18	5	166.5	22	1480	2.41	840	
	30	8.33	144					
35	9.72	130.5						
10	18	5	185	30	1480	2.41	965	
		30	8.33					160
		35	9.72					145



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension				吸入法兰 Inlet flange				吐出法兰 Outlet flange					
		H	a × a	H ₁	H ₂	h	B	b × b	4-φd	D ₀	D ₀₁	D ₀₂	n-d ₀	D ₁	D ₁₁	D ₁₂	n-d ₁
65DLZ30-16	2	1314	430 × 430	167	364	45	260	370 × 370	Φ26	65	145	185	4-Φ17.5	50	125	165	4-Φ17.5
	3	1392	430 × 430	167	444	45	260	370 × 370	Φ26	65	145	185	4-Φ17.5	50	125	165	4-Φ17.5
	4	1576	430 × 430	167	524	45	260	370 × 370	Φ26	65	145	185	4-Φ17.5	50	125	165	4-Φ17.5
	5	1655	430 × 430	167	604	45	260	370 × 370	Φ26	65	145	185	4-Φ17.5	50	125	165	4-Φ17.5
	6	1736	430 × 430	167	684	45	260	370 × 370	Φ26	65	145	185	4-Φ17.5	50	125	165	4-Φ17.5
	7	1828	430 × 430	167	764	45	260	370 × 370	Φ26	65	145	185	4-Φ17.5	50	125	165	4-Φ17.5
	8	1910	430 × 430	167	844	45	260	370 × 370	Φ26	65	145	185	4-Φ17.5	50	125	165	4-Φ17.5
	9	1989	430 × 430	167	924	45	260	370 × 370	Φ26	65	145	185	4-Φ17.5	50	125	165	4-Φ17.5
	10	2168	430 × 430	167	1004	45	260	370 × 370	Φ26	65	145	185	4-Φ17.5	50	125	165	4-Φ17.5

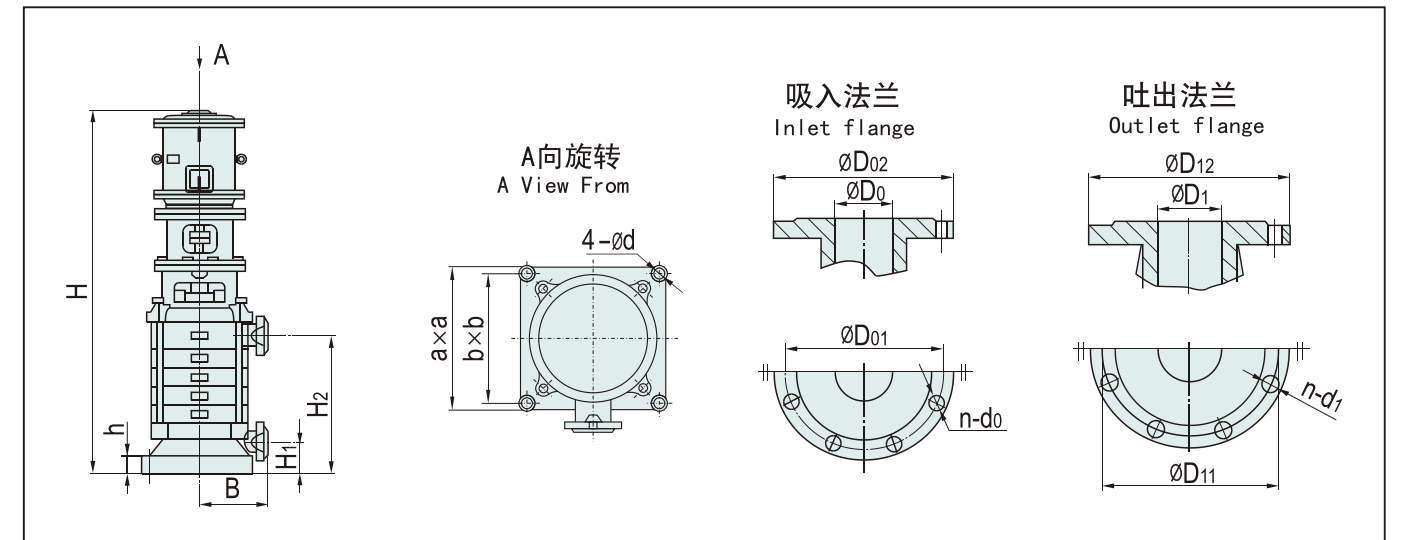
DLZ型泵性能曲线图 DLZ type performance curve chart



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
80DLZ50-20	2	32.4	9	42	1480	2.2	570
		50.4	14	40		2.5	
		65	18	36		2.8	
	3	32.4	9	63	1480	2.2	640
		50.4	14	60		2.5	
		65	18	54		2.8	
4	32.4	9	84	1480	2.2	760	
	50.4	14	80		2.5		
	65	18	72		2.8		
5	32.4	9	105	1480	2.2	900	
	50.4	14	100		2.5		
	65	18	90		2.8		
6	32.4	9	126	1480	2.2	945	
	50.4	14	120		2.5		
	65	18	108		2.8		

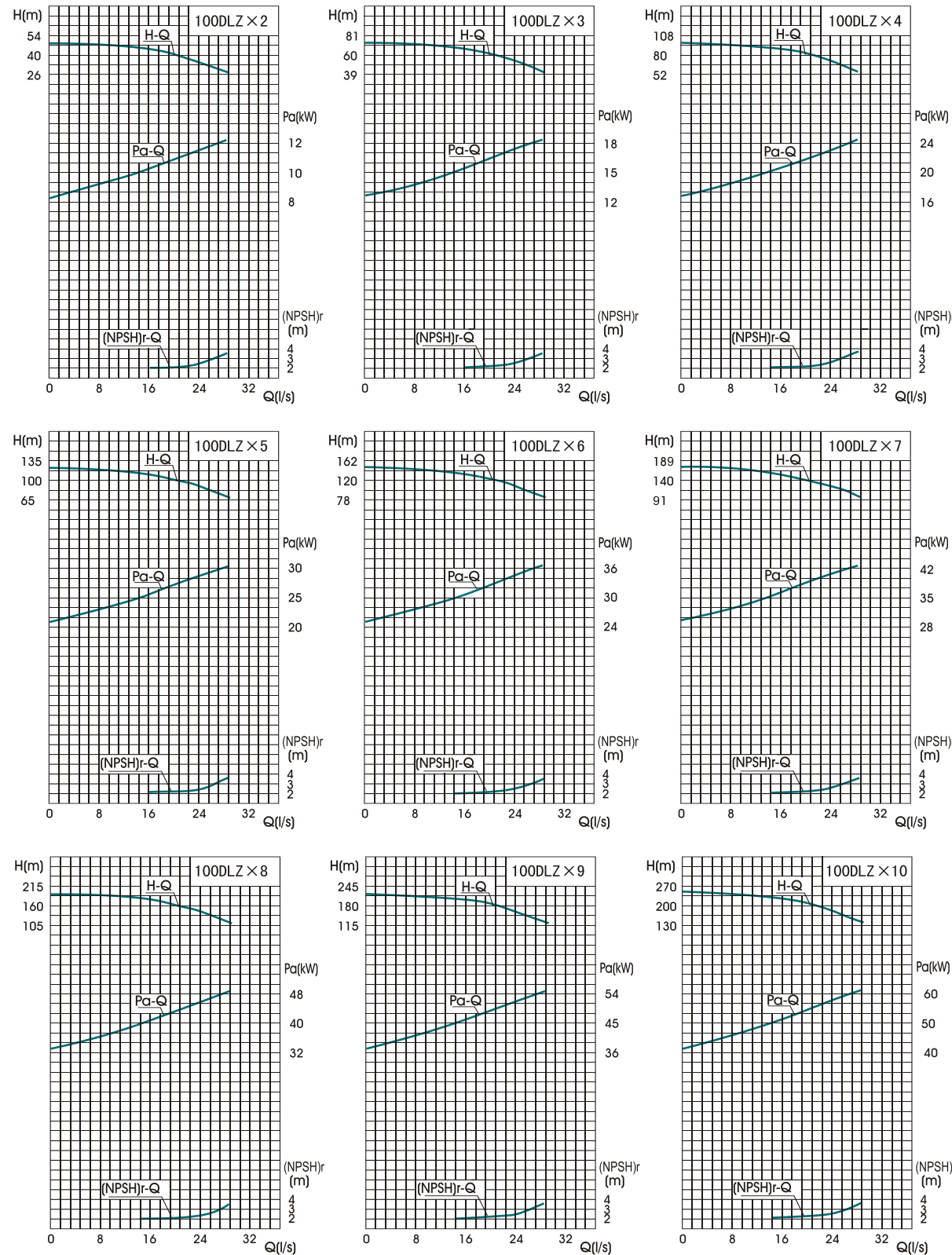
泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)	
80DLZ50-20	7	32.4	9	151	1480	2.2	1040	
		50.4	14	140		37		2.5
		65	18	120		2.8		
	8	32.4	9	173	1480	2.2	1120	
		50.4	14	160		45		2.5
		65	18	137		2.8		
	9	32.4	9	194	1480	2.2	1175	
		50.4	14	180		45		2.5
		65	18	154		2.8		
	10	32.4	9	216	1480	2.2	1335	
50.4		14	200	55		2.5		
65		18	171	2.8				



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension					吸入法兰 Inlet flange				吐出法兰 Outlet flange				
		H	a × a	H ₁	H ₂	h	B	b × b	4-φd	D ₀	D ₀₁	D ₀₂	n-φd ₀	D ₁	D ₁₁	D ₁₂	n-φd ₁
80DLZ50-20	2	1478	470 × 470	150	427	55	280	410 × 410	φ26	80	160	200	8-φ17.5	65	145	185	8-φ17.5
	3	1567	470 × 470	150	516	55	280	410 × 410	φ26	80	160	200	8-φ17.5	65	145	185	8-φ17.5
	4	1641	470 × 470	150	605	55	280	410 × 410	φ26	80	160	200	8-φ17.5	65	145	185	8-φ17.5
	5	1830	470 × 470	150	694	55	280	410 × 410	φ26	80	160	200	8-φ17.5	65	145	185	8-φ17.5
	6	1919	470 × 470	150	783	55	280	410 × 410	φ26	80	160	200	8-φ17.5	65	145	185	8-φ17.5
	7	2051	470 × 470	150	872	55	280	410 × 410	φ26	80	160	200	8-φ17.5	65	145	185	8-φ17.5
	8	2115	470 × 470	150	961	55	280	410 × 410	φ26	80	160	200	8-φ17.5	65	145	185	8-φ17.5
	9	2232	470 × 470	150	1050	55	280	410 × 410	φ26	80	160	200	8-φ17.5	65	145	185	8-φ17.5
	10	2379	470 × 470	150	1139	55	280	410 × 410	φ26	80	160	200	8-φ17.5	65	145	185	8-φ17.5

DLZ型泵性能曲线图 DLZ type performance curve chart

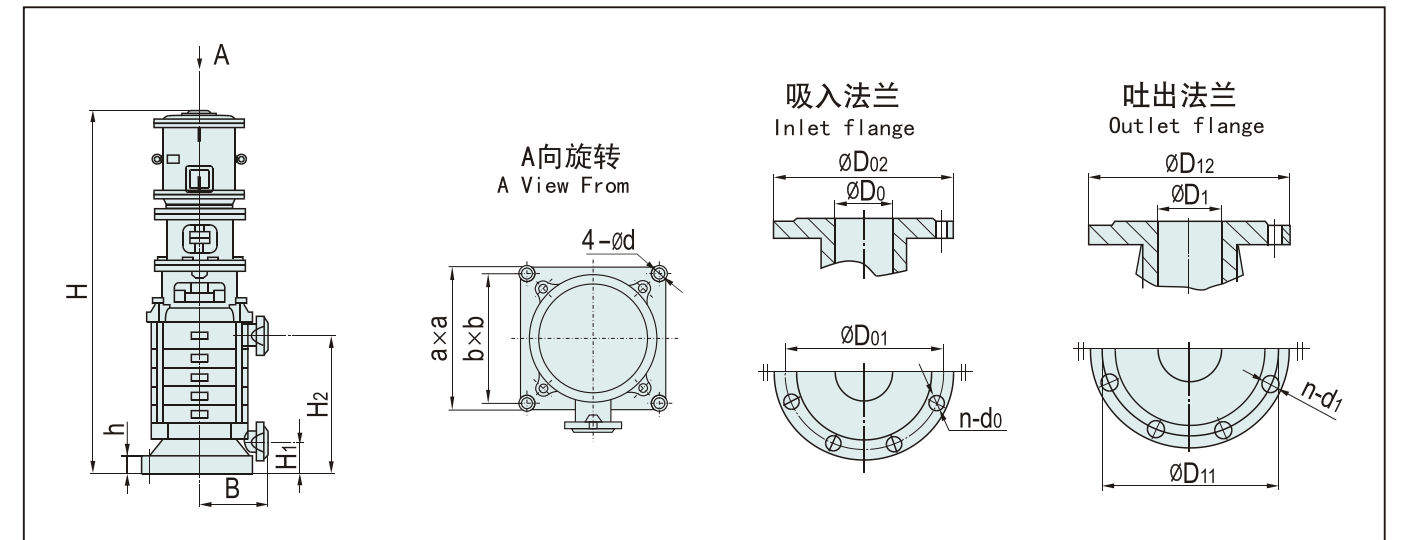
100DLZ72-20 × 2~100DLZ72-20 × 10



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
100DLZ72-20	2	50.4	14	46	1480	2.5	755
		72	20	40		2.8	
		86.4	24	36		3.1	
	3	50.4	14	69	18.5	2.5	890
		72	20	60		2.8	
		86.4	24	54		3.1	
4	50.4	14	92	30	2.5	985	
	72	20	80		2.8		
	86.4	24	72		3.1		
5	50.4	14	115	37	2.5	1070	
	72	20	100		2.8		
	86.4	24	90		3.1		
6	50.4	14	138	37	2.5	1235	
	72	20	120		2.8		
	86.4	24	108		3.1		

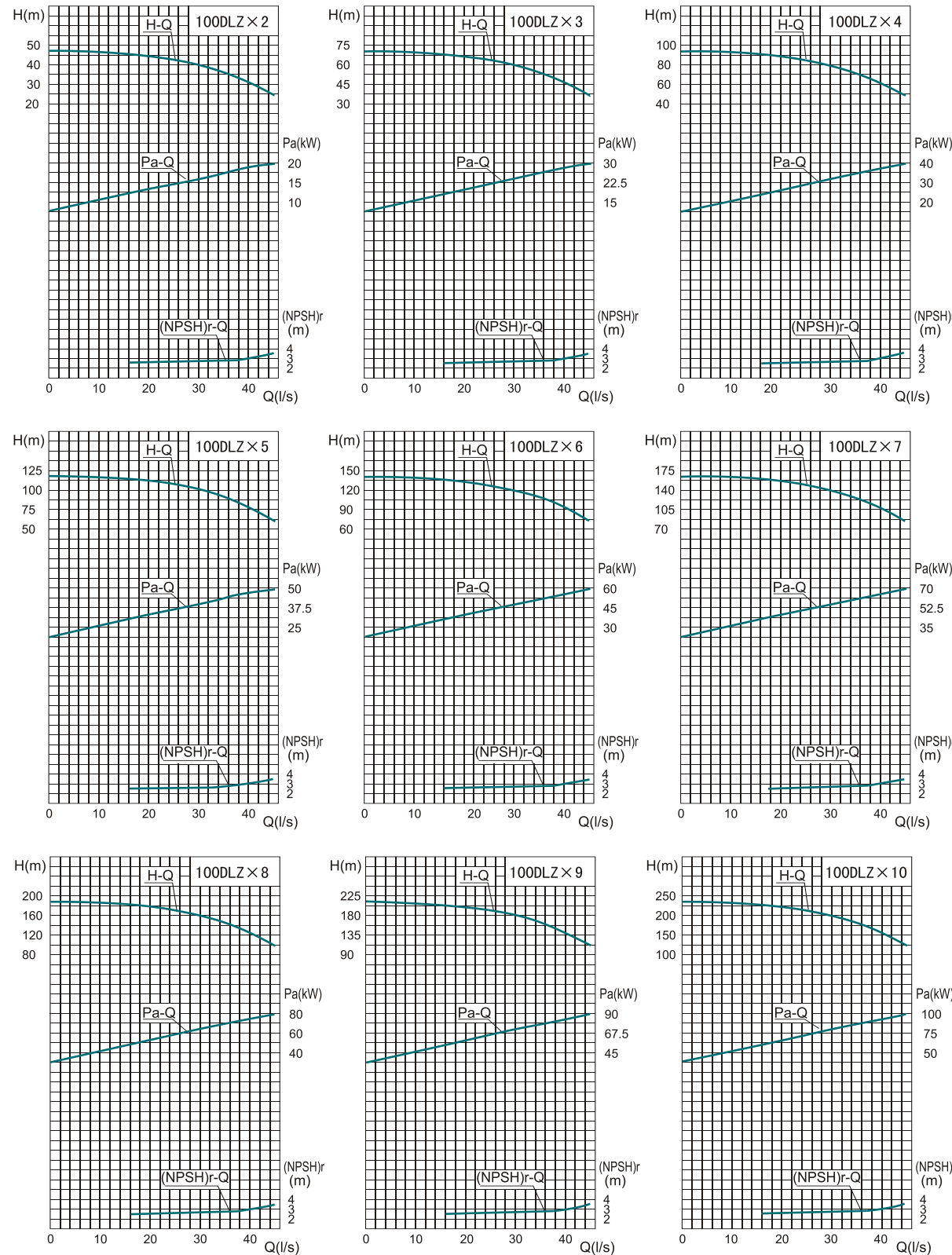
泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
100DLZ72-20	7	50.4	14	157	1480	2.5	1435
		72	20	140		2.8	
		86.4	24	126		3.1	
	8	50.4	14	184	55	2.5	1490
		72	20	160		2.8	
		86.4	24	144		3.1	
	9	50.4	14	207	55	2.5	1590
		72	20	180		2.8	
		86.4	24	162		3.1	
	10	50.4	14	230	75	2.5	1650
72		20	200	2.8			
86.4		24	180	3.1			



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension					吸入法兰 Inlet flange				吐出法兰 Outlet flange				
		H	a × a	H ₁	H ₂	h	B	b × b	4-φd	D ₀	D ₀₁	D ₀₂	n-d ₀	D ₁	D ₁₁	D ₁₂	n-d ₁
100DLZ70-20	2	1476	465 × 465	172	467	50	280	410 × 410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	3	1539	465 × 465	172	570	50	280	410 × 410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	4	1817	465 × 465	172	673	50	280	410 × 410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	5	1963	465 × 465	172	776	50	280	410 × 410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	6	2081	465 × 465	172	879	50	280	410 × 410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	7	2194	465 × 465	172	982	50	280	410 × 410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	8	2378	465 × 465	172	1085	50	280	410 × 410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	9	2531	465 × 465	172	1188	50	280	410 × 410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	10	2679	465 × 465	172	1291	50	280	410 × 410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5

DLZ型泵性能曲线图 DLZ type performance curve chart

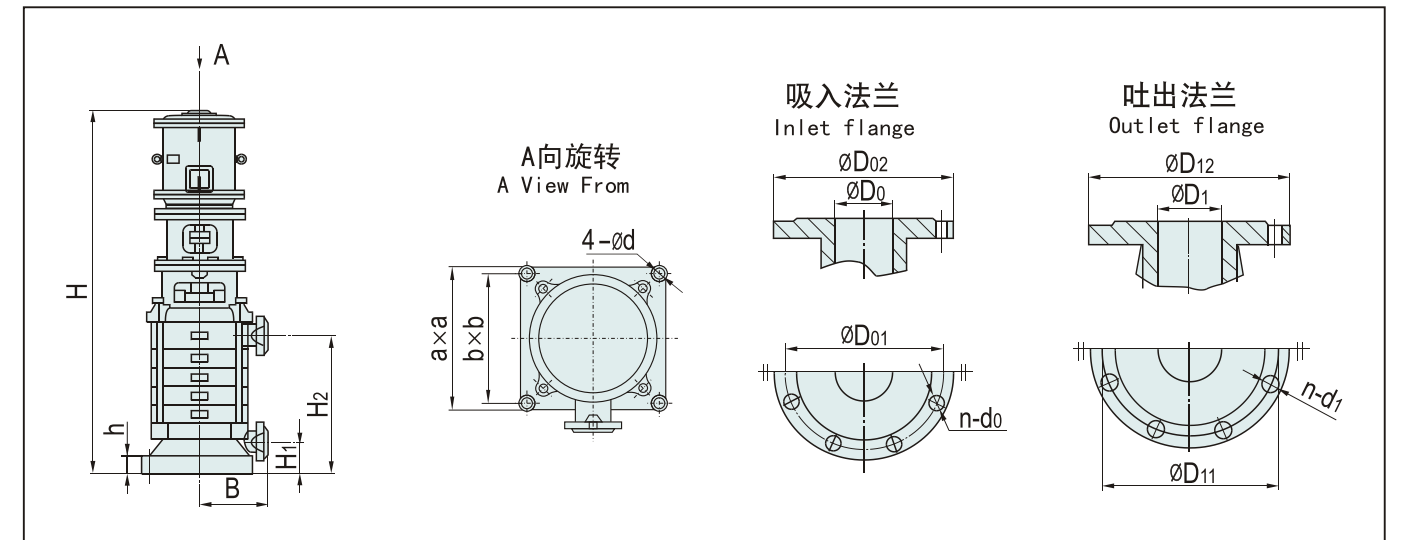
100DLZ100-20×2~100DLZ100-20×10



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r	重量 Weight (kg)
100DLZ100-20	2	72	46	18.5	1480	2.8	765
		100	40			3.5	
		126	36			4.4	
	3	72	69	30	1480	2.8	
		100	60			3.5	
		126	54			4.4	
4	72	92	37	1480	2.8		
	100	80			3.5		
	126	72			4.4		
5	72	115	45	1480	2.8		
	100	100			3.5		
	126	90			4.4		
6	72	138	55	1480	2.8		
	100	120			3.5		
	126	108			4.4		

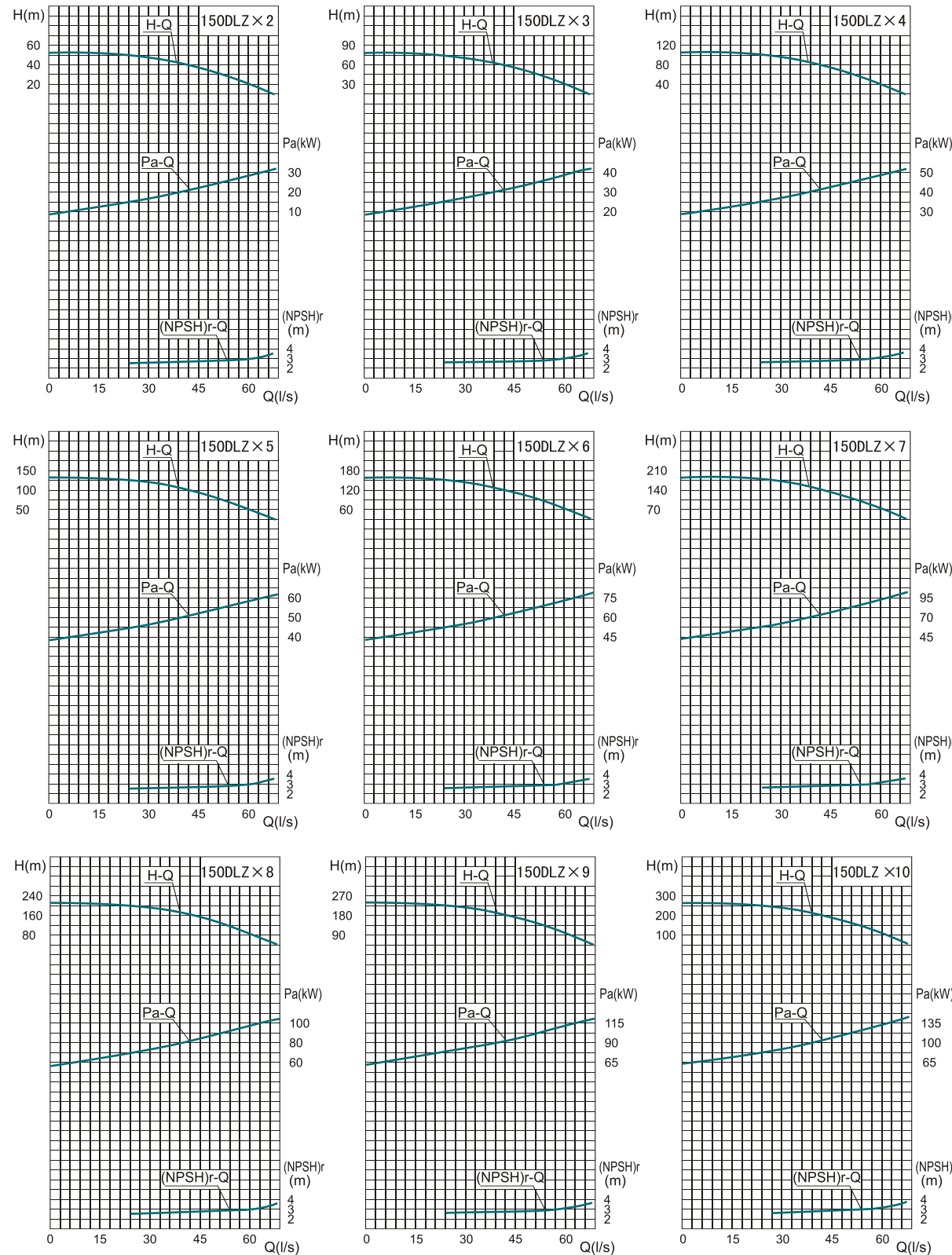
泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r	重量 Weight (kg)
100DLZ100-20	7	72	157	75	1480	2.8	1445
		100	140			3.5	
		126	126			4.4	
	8	72	184	75	1480	2.8	1500
		100	160			3.5	
		126	144			4.4	
	9	72	207	90	1480	2.8	1600
		100	180			3.5	
		126	162			4.4	
	10	72	230	90	1480	2.8	1660
100		200			3.5		
126		180			4.4		



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension					吸入法兰 Inlet flange				吐出法兰 Outlet flange				
		H	a×a	H ₁	H ₂	h	B	b×b	4-φd	D ₀	D ₀₁	D ₀₂	n-φd ₀	D ₁	D ₁₁	D ₁₂	n-φd ₁
100DLZ100-20	2	1486	465×465	172	467	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	3	1699	465×465	172	570	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	4	1860	465×465	172	673	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	5	1954	465×465	172	776	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	6	2157	465×465	172	879	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	7	2320	465×465	172	982	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	8	2423	465×465	172	1085	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	9	2576	465×465	172	1188	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
	10	2776	465×465	172	1291	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5

DLZ型泵性能曲线图 DLZ type performance curve chart

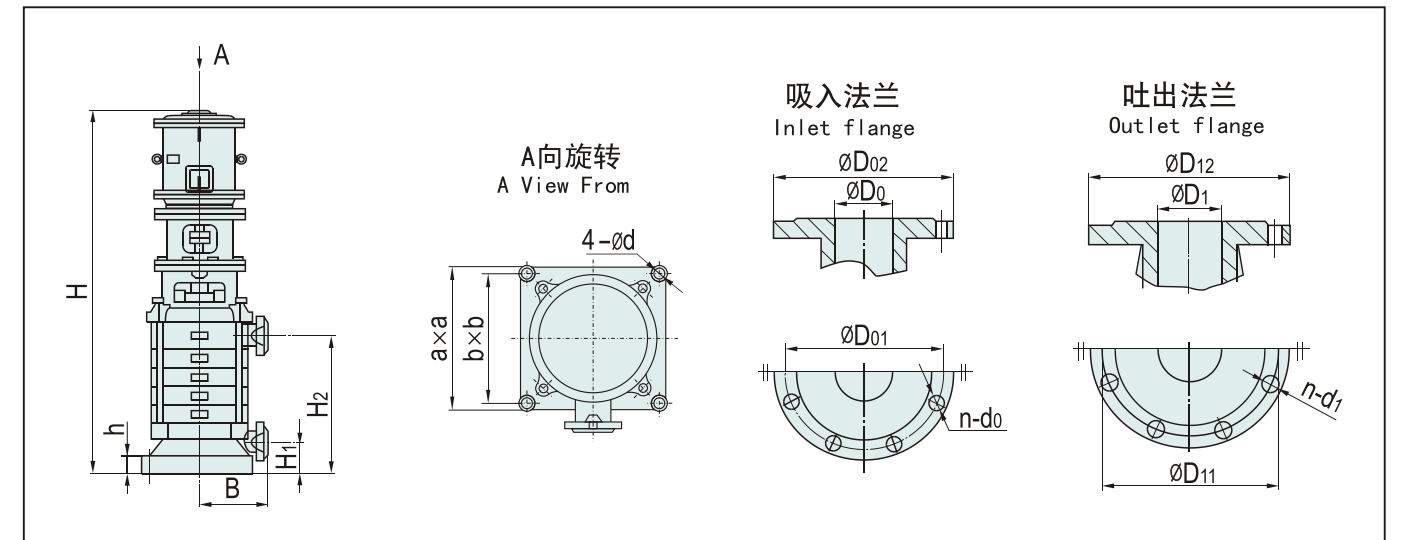
150DLZ150-20×2~150DLZ150-20×10



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
150DLZ150-20	2	108	30	45	1480	2.2	815
		150	40	2.8			
		180	34	3.7			
	3	108	30	67.5	1480	2.2	960
		150	41.6	60		2.8	
		180	50	51		3.7	
4	108	30	90	1480	2.2	1100	
	150	41.6	80		2.8		
	180	50	68		3.7		
5	108	30	112.5	1480	2.2	1245	
	150	41.6	100		2.8		
	180	50	85		3.7		
6	108	30	135	1480	2.2	1410	
	150	41.6	120		2.8		
	180	50	102		3.7		

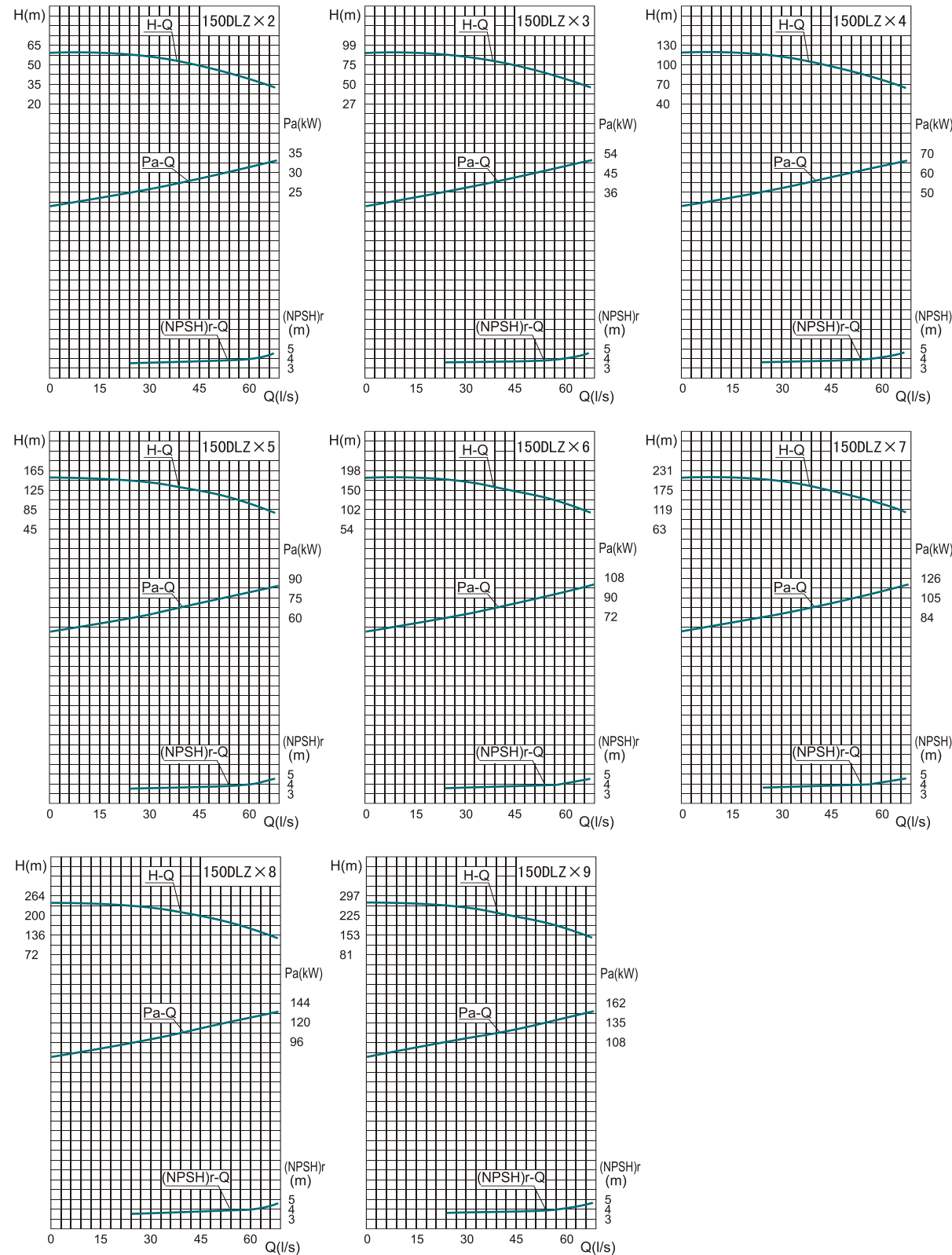
泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
150DLZ150-20	7	108	30	157.5	1480	2.2	1560
		150	41.6	140		2.8	
		180	50	119		3.7	
	8	108	30	180	1480	2.2	1710
		150	41.6	160		2.8	
		180	50	136		3.7	
	9	108	30	200	1480	2.2	1870
		150	41.6	180		2.8	
		180	50	156		3.7	
	10	108	30	220	1480	2.2	2050
150		41.6	200	2.8			
180		50	176	3.7			



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension					吸入法兰 Inlet flange				吐出法兰 Outlet flange				
		H	a×a	H ₁	H ₂	h	B	b×b	4-φd	D ₀	D ₀₁	D ₀₂	n-d ₀	D ₁	D ₁₁	D ₁₂	n-d ₁
150DLZ150-20	2	1858	600×600	208	559	65	380	550×550	φ26	150	240	285	8-φ22	125	220	270	8-φ26
	3	2031	600×600	208	689	65	380	550×550	φ26	150	240	285	8-φ22	125	220	270	8-φ26
	4	2153	600×600	208	819	65	380	550×550	φ26	150	240	285	8-φ22	125	220	270	8-φ26
	5	2367	600×600	208	949	65	380	550×550	φ26	150	240	285	8-φ22	125	220	270	8-φ26
	6	2472	600×600	208	1079	65	380	550×550	φ26	150	240	285	8-φ22	125	220	270	8-φ26
	7	2582	600×600	208	1209	65	380	550×550	φ26	150	240	285	8-φ22	125	220	270	8-φ26
	8	2712	600×600	208	1339	65	380	550×550	φ26	150	240	285	8-φ22	125	220	270	8-φ26
	9	3265	600×600	208	1469	65	380	550×550	φ26	150	240	285	8-φ22	125	220	270	8-φ26
	10	3465	600×600	208	1599	65	380	550×550	φ26	150	240	285	8-φ22	125	220	270	8-φ26

DLZ型泵性能曲线图 DLZ type performance curve chart

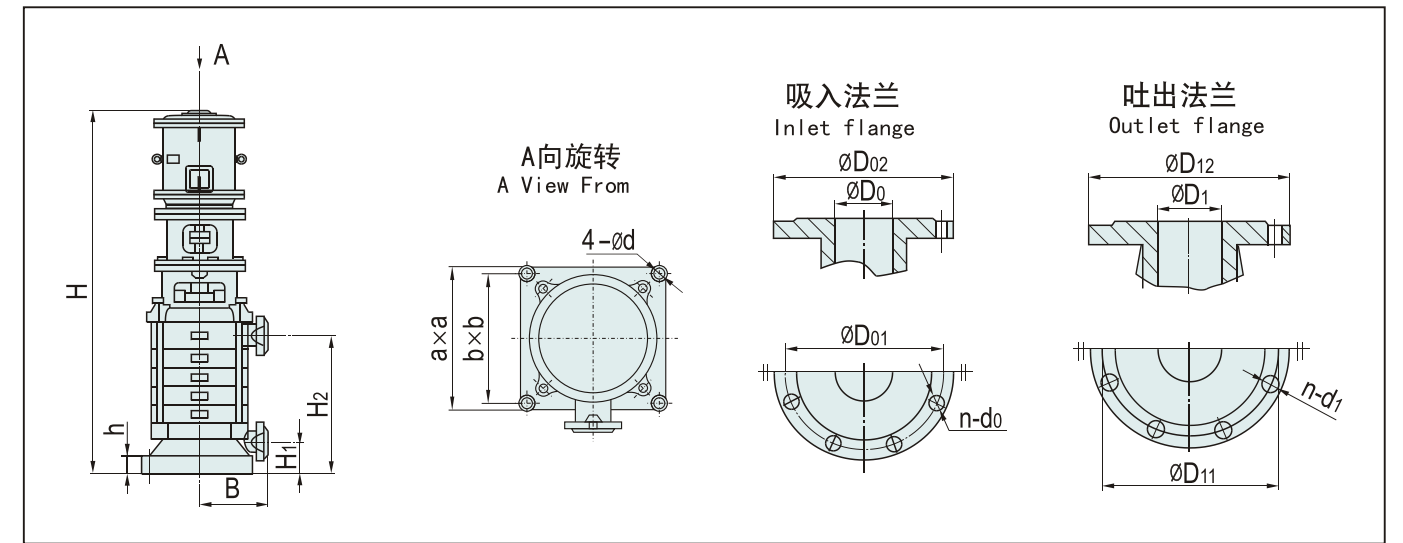
150DLZ160-25 × 2~150DLZ160-25 × 9



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

泵型号 Pump model	级数 Series	流量 Capacity		扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
		(m³/h)	(L/s)					
150DLZ160-25	2	120	33.3	53	37	1480	3.1	825
		160	44.4	50				
		200	55.6	44				
	3	120	33.3	79.5	55	1480	3.1	970
		160	44.4	75				
		200	55.6	66				
	4	120	33.3	106	75	1480	3.1	1110
		160	44.4	100				
		200	55.6	88				
	5	120	33.3	133	90	1480	3.1	1255
		160	44.4	125				
		200	55.6	110				

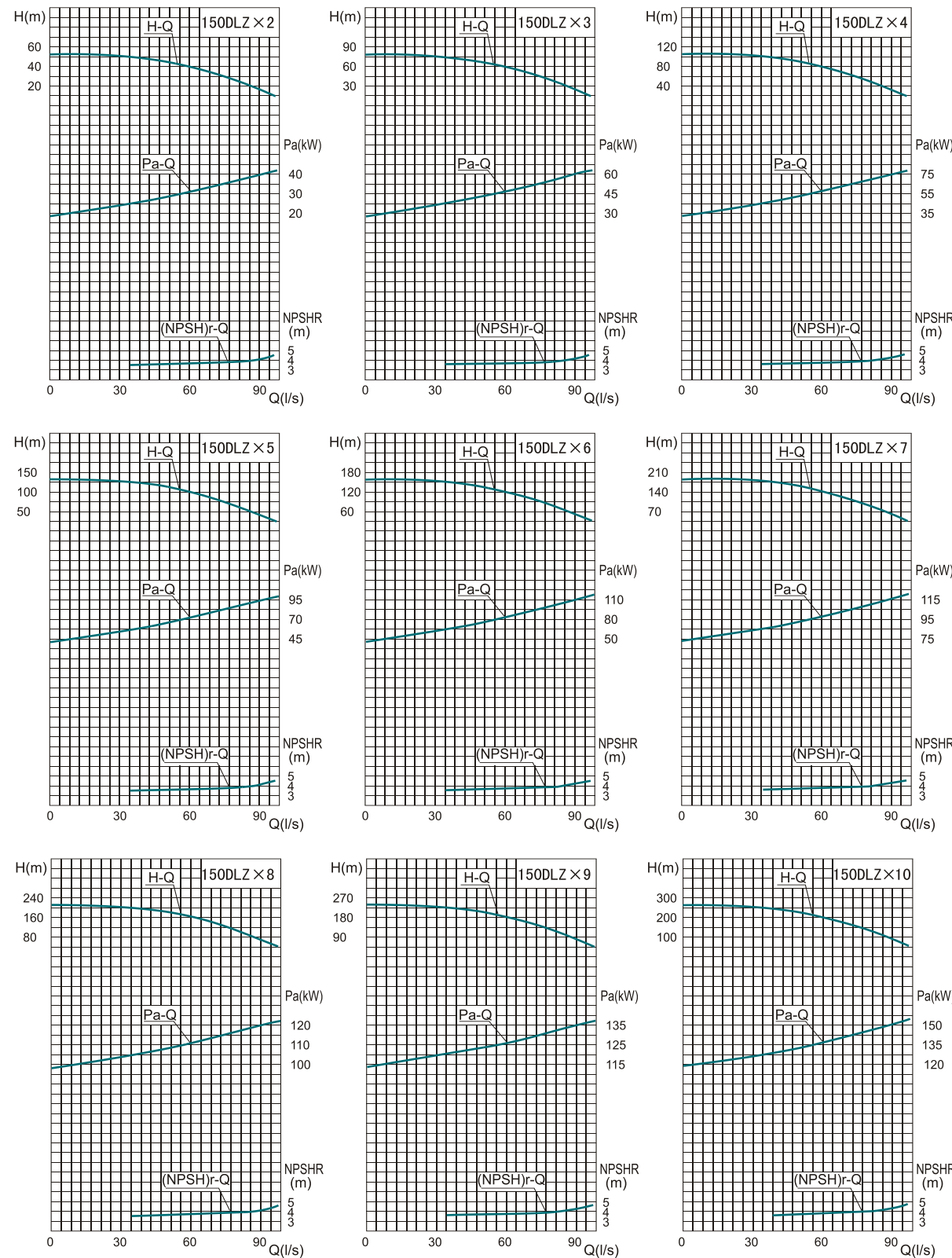
泵型号 Pump model	级数 Series	流量 Capacity		扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
		(m³/h)	(L/s)					
150DLZ160-25	6	120	33.3	159	110	1480	3.1	1410
		160	44.4	150				
		200	55.6	132				
	7	120	33.3	186	132	1480	3.1	1570
		160	44.4	175				
		200	55.6	154				
	8	120	33.3	212	132	1480	3.1	1720
		160	44.4	200				
		200	55.6	176				
	9	120	33.3	239	160	1480	3.1	1880
		160	44.4	225				
		200	55.6	198				



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension				吸入法兰 Inlet flange				吐出法兰 Outlet flange					
		H	a × a	H ₁	H ₂	h	B	b × b	4-φd	D ₀	D ₀₁	D ₀₂	n-φd ₀	D ₁	D ₁₁	D ₁₂	n-φd ₁
150DLZ160-25	2	1901	600 × 600	208	559	73	380	550 × 550	φ24	150	240	285	8-φ22	125	220	270	8-φ26
	3	2107	600 × 600	208	689	73	380	550 × 550	φ24	150	240	285	8-φ22	125	220	270	8-φ26
	4	2282	600 × 600	208	819	73	380	550 × 550	φ24	150	240	285	8-φ22	125	220	270	8-φ26
	5	2412	600 × 600	208	949	73	380	550 × 550	φ24	150	240	285	8-φ22	125	220	270	8-φ26
	6	2895	600 × 600	208	1079	73	380	550 × 550	φ24	150	240	285	8-φ22	125	220	270	8-φ26
	7	3075	600 × 600	208	1209	73	380	550 × 550	φ24	150	240	285	8-φ22	125	220	270	8-φ26
	8	3205	600 × 600	208	1339	73	380	550 × 550	φ24	150	240	285	8-φ22	125	220	270	8-φ26
	9	3335	600 × 600	208	1469	73	380	550 × 550	φ24	150	240	285	8-φ22	125	220	270	8-φ26

DLZ型泵性能曲线图 DLZ type performance curve chart

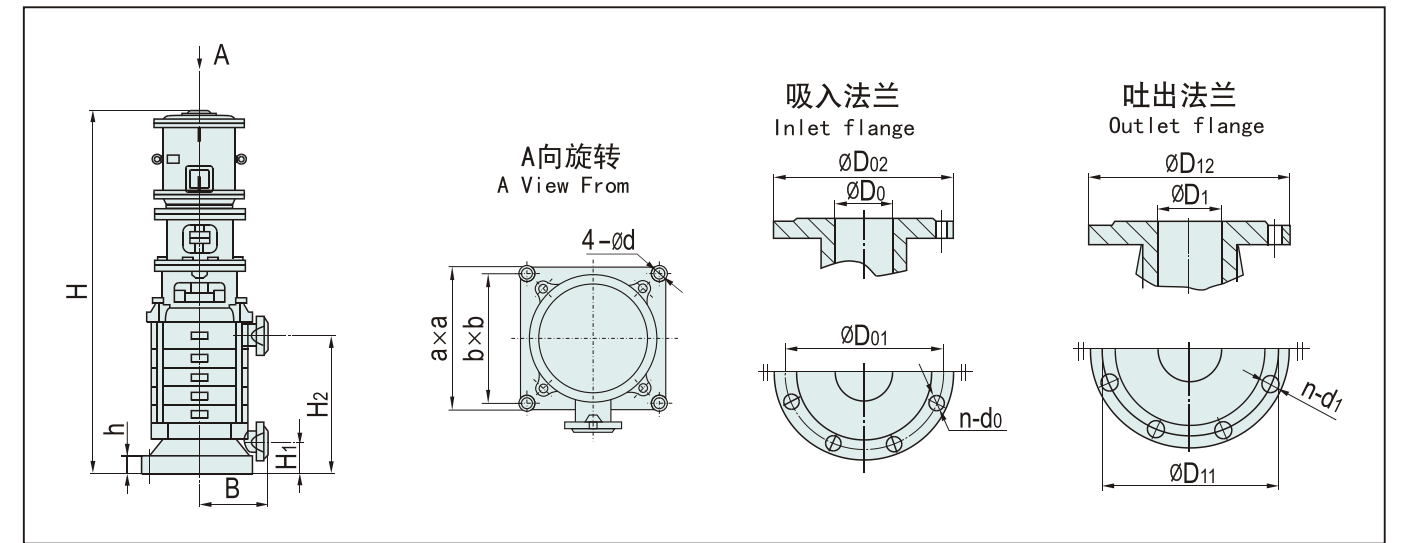
150DLZ200-20×2~150DLZ200-20×10



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

泵型号 Pump model	级数 Series	流量 Capacity		扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
		(m ³ /h)	(L/s)					
150DLZ200-20	2	140	38.9	45	37	1480	3	825
		200	55.6	40			3.5	
		240	66.7	34			4.1	
	3	140	38.9	67.5	55	1480	3	970
		200	55.6	60			3.5	
		240	66.7	51			4.1	
	4	140	38.9	90	75	1480	3	1110
		200	55.6	80			3.5	
		240	66.7	68			4.1	
	5	140	38.9	112.5	90	1480	3	1255
		200	55.6	100			3.5	
		240	66.7	85			4.1	
	6	140	38.9	135	110	1480	3	1410
		200	55.6	120			3.5	
		240	66.7	102			4.1	
150DLZ200-20	7	140	38.9	157.5	110	1480	3	1570
		200	55.6	140			3.5	
		240	66.7	119			4.1	
	8	140	38.9	180	132	1480	3	1720
		200	55.6	160			3.5	
		240	66.7	136			4.1	
	9	140	38.9	200	160	1480	3	1880
		200	55.6	180			3.5	
		240	66.7	156			4.1	
10	140	38.9	220	160	1480	3	2050	
	200	55.6	200			3.5		
	240	66.7	176			4.1		

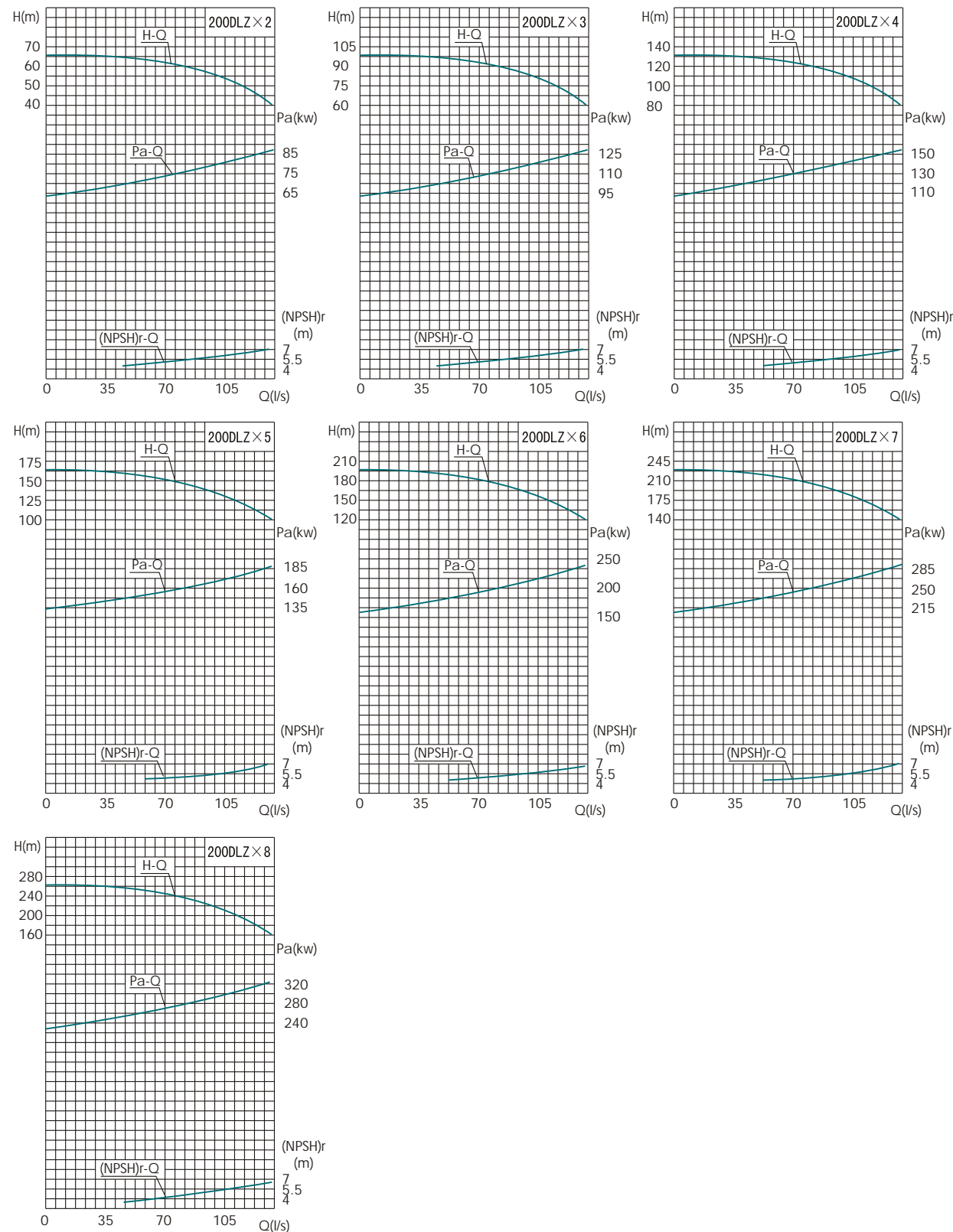
泵型号 Pump model	级数 Series	流量 Capacity		扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
		(m ³ /h)	(L/s)					
150DLZ200-20	7	140	38.9	157.5	110	1480	3	1570
		200	55.6	140			3.5	
		240	66.7	119			4.1	
	8	140	38.9	180	132	1480	3	1720
		200	55.6	160			3.5	
		240	66.7	136			4.1	
	9	140	38.9	200	160	1480	3	1880
		200	55.6	180			3.5	
		240	66.7	156			4.1	
10	140	38.9	220	160	1480	3	2050	
	200	55.6	200			3.5		
	240	66.7	176			4.1		



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension				吸入法兰 Inlet flange				吐出法兰 Outlet flange					
		H	a×a	H ₁	H ₂	h	B	b×b	4-φd	D ₀	D ₀₁	D ₀₂	n-Ød ₀	D ₁	D ₁₁	D ₁₂	n-Ød ₁
150DLZ200-20	2	1901	600×600	208	559	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26
	3	2107	600×600	208	689	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26
	4	2282	600×600	208	819	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26
	5	2412	600×600	208	949	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26
	6	2895	600×600	208	1079	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26
	7	3005	600×600	208	1209	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26
	8	3205	600×600	208	1339	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26
	9	3335	600×600	208	1469	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26
	10	3465	600×600	208	1599	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26

DLZ型泵性能曲线图 DLZ type performance curve chart

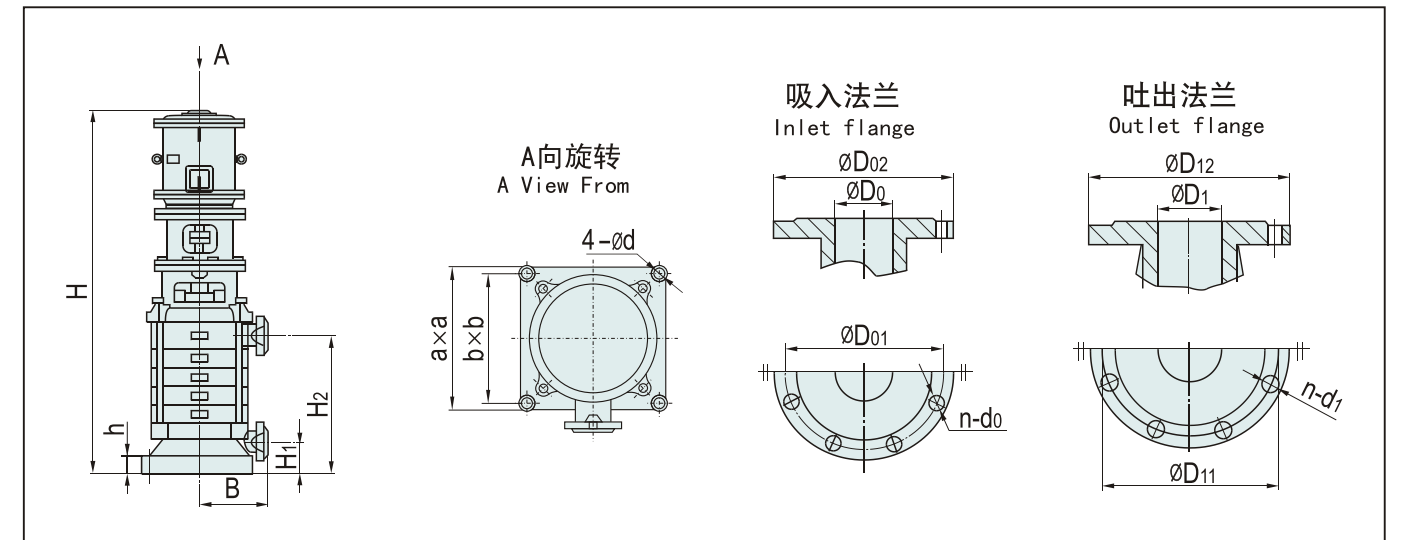
200DLZ280-30 × 2~200DLZ280-30 × 8



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

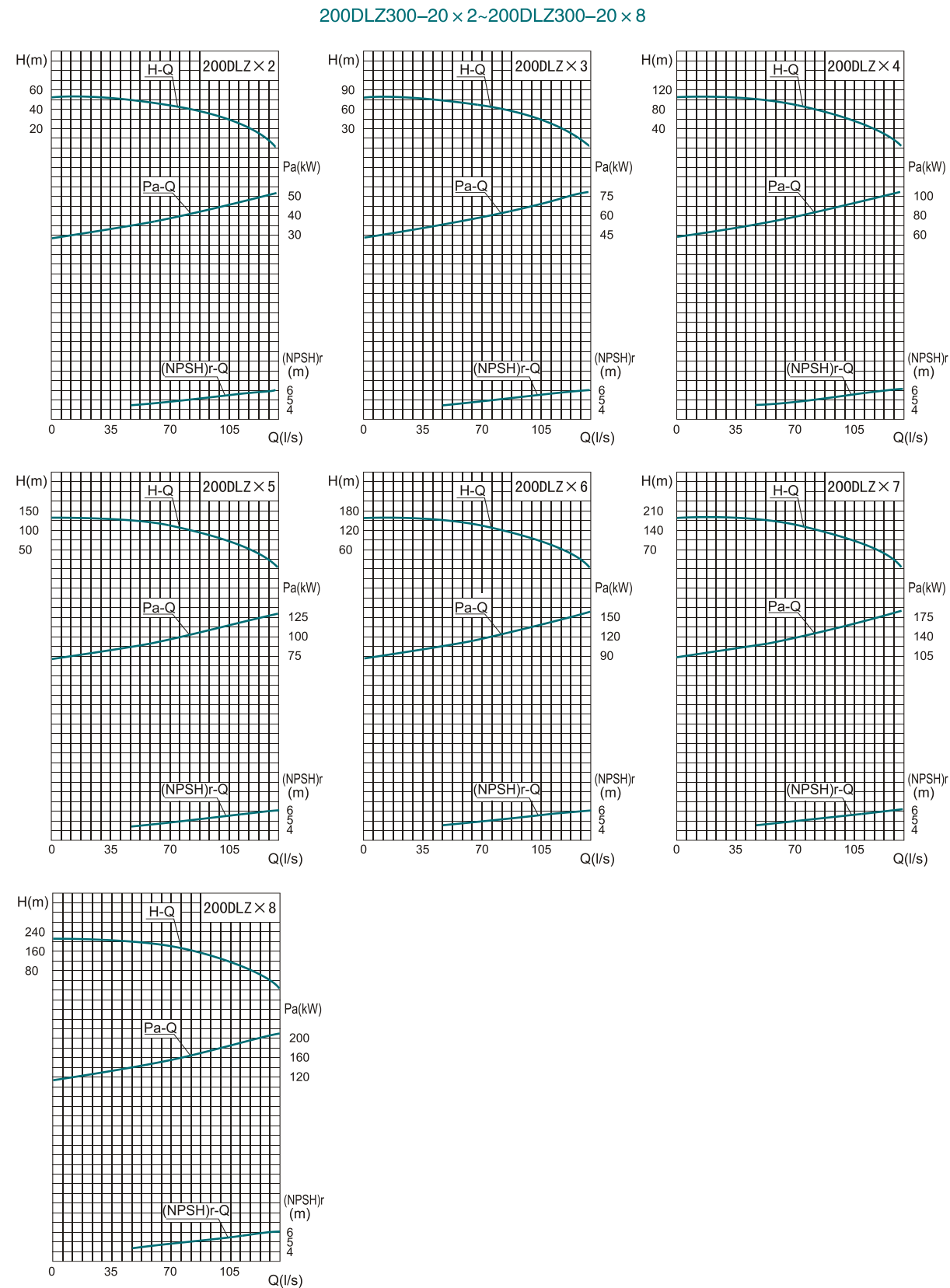
泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
200DLZ280-30	2	200	55.6	64	1480	4.2	1215
		280	77.8	60		5	
		324	90	56		5.5	
	3	200	55.6	96	1480	4.2	1780
		280	77.8	90		5	
		324	90	84		5.5	
	4	200	55.6	128	1480	4.2	2000
		280	77.8	120		5	
		324	90	112		5.5	
	5	200	55.6	160	1480	4.2	2210
		280	77.8	150		5	
		324	90	140		5.5	

泵型号 Pump model	级数 Series	流量 Capacity (m ³ /h) (L/s)	扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
200DLZ280-30	6	200	55.6	192	1480	4.2	2440
		280	77.8	180		5	
		324	90	168		5.5	
	7	200	55.6	224	1480	4.2	3440
		280	77.8	210		5	
		324	90	196		5.5	
	8	200	55.6	256	1480	4.2	3800
		280	77.8	240		5	
		324	90	224		5.5	



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension					吸入法兰 Inlet flange				吐出法兰 Outlet flange				
		H	a × a	H ₁	H ₂	h	B	b × b	4-φd	D ₀	D ₀₁	D ₀₂	n-d ₀	D ₁	D ₁₁	D ₁₂	n-d ₁
200DLZ280-30	2	2200	550 × 550	182	624	75	350	480 × 480	φ23	200	295	340	12-φ23	150	240	285	8-φ23
	3	2660	550 × 550	182	808	75	350	480 × 480	φ23	200	295	340	12-φ23	150	240	285	8-φ23
	4	2950	550 × 550	182	992	75	350	480 × 480	φ23	200	295	340	12-φ23	150	240	285	8-φ23
	5	3130	550 × 550	182	1176	75	350	480 × 480	φ23	200	295	340	12-φ23	150	240	285	8-φ23
	6	3310	550 × 550	182	1330	75	350	480 × 480	φ23	200	295	340	12-φ23	150	240	285	8-φ23
	7	3720	550 × 550	182	1544	75	350	480 × 480	φ23	200	295	340	12-φ23	150	240	285	8-φ23
	8	3900	550 × 550	182	1728	75	350	480 × 480	φ23	200	295	340	12-φ23	150	240	285	8-φ23

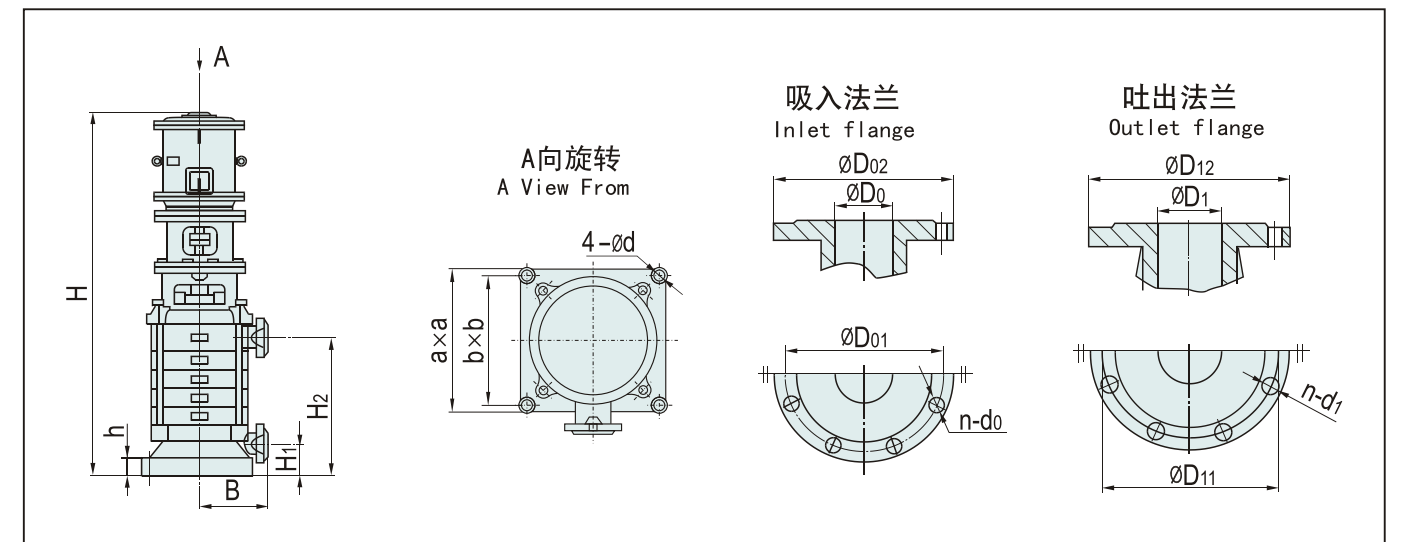
DLZ型泵性能曲线图 DLZ type performance curve chart



DLZ型泵性能参数及外形安装尺寸图表 DLZ type performance and external installation drawing table

泵型号 Pump model	级数 Series	流量 Capacity		扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
		(m ³ /h)	(L/s)					
200DLZ300-20	2	210	58.3	45	55	1480	4.2	1080
		300	83.3	40				
		360	100	36				
	3	210	58.3	65.5	75	1480	5	1340
		300	83.3	60				
		360	100	54.5				
	4	210	58.3	86	110	1480	4.2	1900
		300	83.3	80				
		360	100	74				
	5	210	58.3	106	132	1480	5	2150
		300	83.3	100				
		360	100	95				

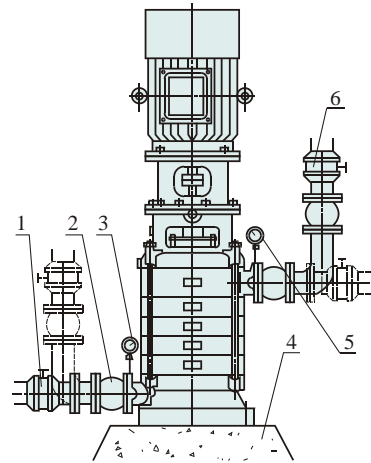
泵型号 Pump model	级数 Series	流量 Capacity		扬程 Head (m)	功率 Power (kw)	转速 Speed (r/min)	必需汽 蚀余量 (NPSH)r	重量 Weight (kg)
		(m ³ /h)	(L/s)					
200DLZ300-20	6	210	58.3	127	160	1480	4.2	2400
		300	83.3	120				
		360	100	114				
	7	210	58.3	146	160	1480	5	2550
		300	83.3	140				
		360	100	134				
	8	210	58.3	166.5	200	1480	4.2	2700
		300	83.3	160				
		360	100	150				



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension		安装尺寸 Installation dimension					吸入法兰 Inlet flange				吐出法兰 Outlet flange				
		H	a × a	H ₁	H ₂	h	B	b × b	4-φd	D ₀	D ₀₁	D ₀₂	n-φd ₀	D ₁	D ₁₁	D ₁₂	n-φd ₁
200DLZ300-20	2	2533	550 × 550	182	624	50	350	480 × 480	φ27	200	295	340	12-φ23	150	240	285	8-φ23
	3	2903	550 × 550	182	808	50	350	480 × 480	φ27	200	295	340	12-φ23	150	240	285	8-φ23
	4	3123	550 × 550	182	992	50	350	480 × 480	φ27	200	295	340	12-φ23	150	240	285	8-φ23
	5	3273	550 × 550	182	1176	50	350	480 × 480	φ27	200	295	340	12-φ23	150	240	285	8-φ23
	6	3638	550 × 550	182	1360	50	350	480 × 480	φ27	200	295	340	12-φ23	150	240	285	8-φ23
	7	3788	550 × 550	182	1544	50	350	480 × 480	φ27	200	295	340	12-φ23	150	240	285	8-φ23
	8	3938	550 × 550	182	1728	50	350	480 × 480	φ27	200	295	340	12-φ23	150	240	285	8-φ23

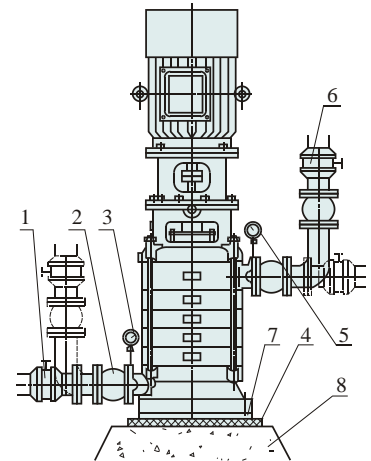
泵的几种安装方法 Several ways of installation

硬性联接（直接安装）Hard Link(Directly Mounted)



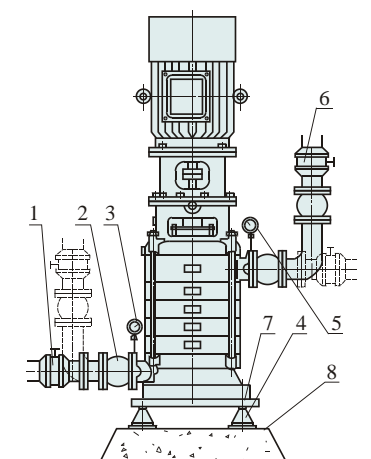
1	进口阀门 inlet valve
2	挠性接头 flexible union
3	进口压力表 inlet manometer
4	基础 basis
5	出口压力表 outlet manometer
6	出口阀门 outlet valve

柔性联接（联接板+隔振垫）Soft Link(Link Plate+Vibration Isolation Pad)



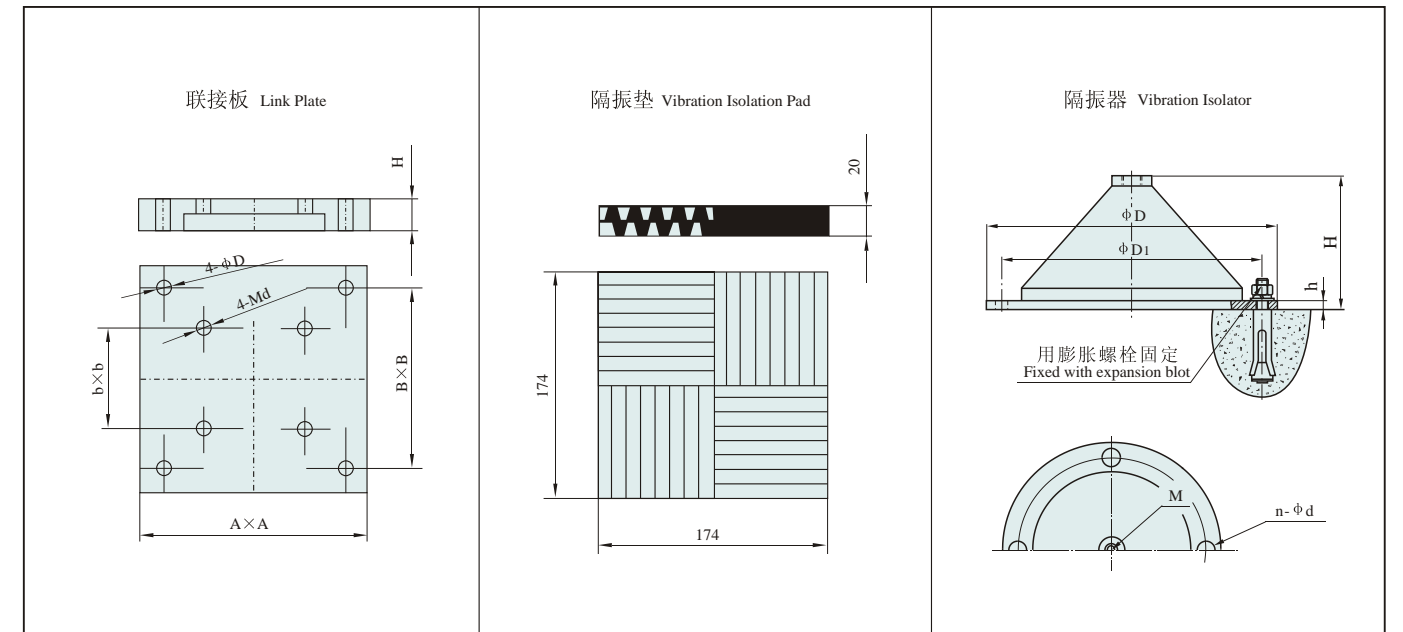
1	进口阀门 inlet valve
2	挠性接头 flexible union
3	进口压力表 inlet manometer
4	隔振垫 vibration isolation pad
5	出口压力表 outlet manometer
6	出口阀门 outlet valve
7	联接板 link plate
8	基础 basis

柔性联接（联接板+隔振器）Soft Link(Link Plate+Vibration Isolator)



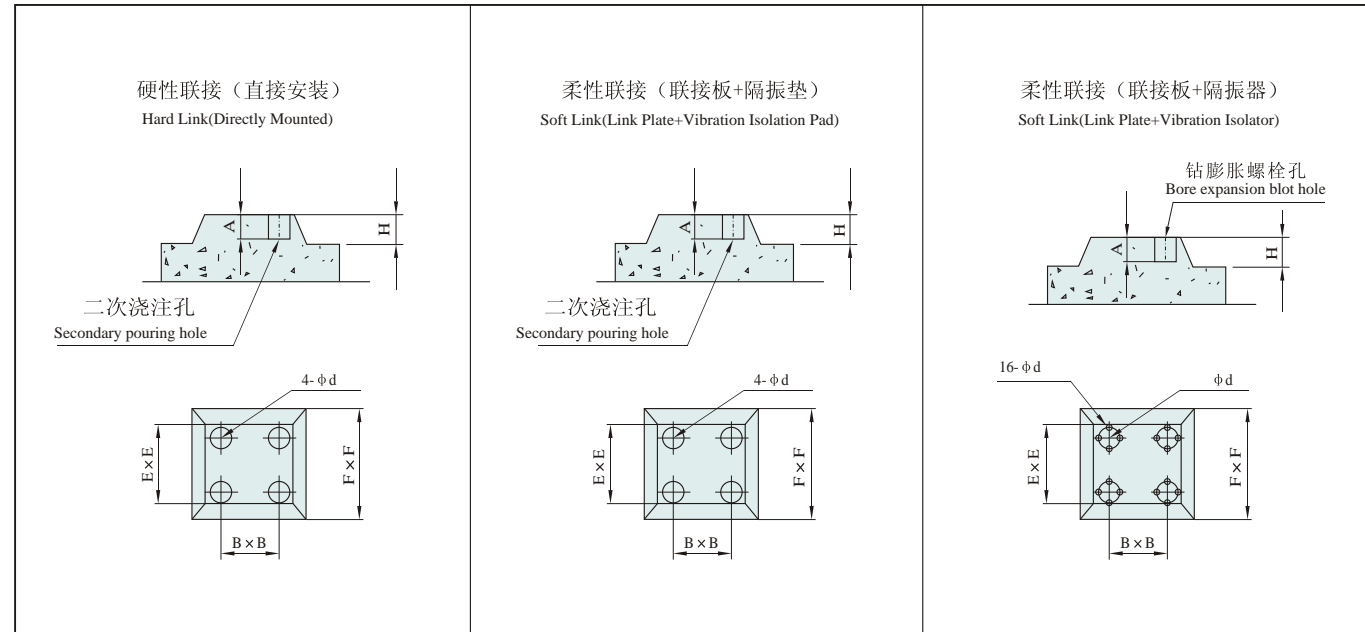
1	进口阀门 inlet valve
2	挠性接头 flexible union
3	进口压力表 inlet manometer
4	隔振器 vibration isolator
5	出口压力表 outlet manometer
6	出口阀门 outlet valve
7	联接板 link plate
8	基础 basis

泵附件图及其尺寸表 Fittings drawing and dimension table



泵型号 Model	联接板尺寸 Link plate dimension							隔振器尺寸 Vibration isolator dimension							
	型号 Model	A	B	b	Md	ϕD	H	型号 Model	M	D	D ₁	H	h	n- ϕd	膨胀螺栓规格 Expansion bolt specs
40DLZ	1#	650	600	300	M16	$\phi 15$	70	JG2-2	12	150	130	65	9	4- $\phi 8.5$	M8×80
50DLZ	2#	650	600	305	M16	$\phi 15$	70	JG2-2	12	150	130	65	9	4- $\phi 8.5$	M8×80
65DLZ	3#	700	650	370	M20	$\phi 20$	70	JG3-2	16	200	170	87	9	4- $\phi 12.5$	M12×110
80DLZ	4#	600	550	410	M20	$\phi 20$	70	JG3-2	16	200	170	87	9	4- $\phi 12.5$	M12×110
100DLZ	5#	700	650	410	M20	$\phi 25$	70	JG4-2	20	290	260	133	9	4- $\phi 12.5$	M12×110
150DLZ	6#	850	800	550	M20/ M24	$\phi 25$	70	JG4-2	20	290	260	133	9	4- $\phi 12.5$	M12×110
200DLZ	7#	800	740	480	M24	$\phi 25$	70	JG4-1	20	290	260	133	9	4- $\phi 12.5$	M12×110

泵基础图及其联接尺寸 Basic drawing and link dimension



泵型号 Model	直接安装基础尺寸 Basic dimension for direct mounting							配联接板基础尺寸 Basic dimension with link plate							配联接板、隔振器基础尺寸 Basic dimension with link plate and vibration isolator						
	H	A	B	E	F	d	地脚螺栓规格 Foundation bolt specs	H	A	B	E	F	d	地脚螺栓规格 Foundation bolt specs	H	A	B	E	F	D	d
40DLZ	250	300	300	600	650	80	M16×300	250	200	600	950	1050	80	M12×200	250	50	600	950	1050	130	12.5
50DLZ	250	300	305	600	650	80	M16×300	250	200	600	950	1050	80	M12×200	250	50	600	950	1050	130	12.5
65DLZ	250	500	370	650	700	80	M24×500	250	400	650	1000	1100	80	M16×300	250	75	650	1000	1100	170	19
80DLZ	250	500	410	700	750	100	M20×400	250	400	650	1000	1100	100	M16×300	250	75	650	1000	1100	170	19
100DLZ	250	400	410	700	750	100	M20×400	250	300	650	1000	1100	100	M20×400	250	75	650	1000	1100	260	19
150DLZ	250	500	550	750	800	100	M24×500/ M20×400	250	400	800	1000	1100	100	M20×400	250	75	800	1100	1200	260	19
200DLZ	250	500	480	750	800	100	M24×500	250	400	800	1000	1100	100	M20×400	250	75	800	1100	1200	260	19