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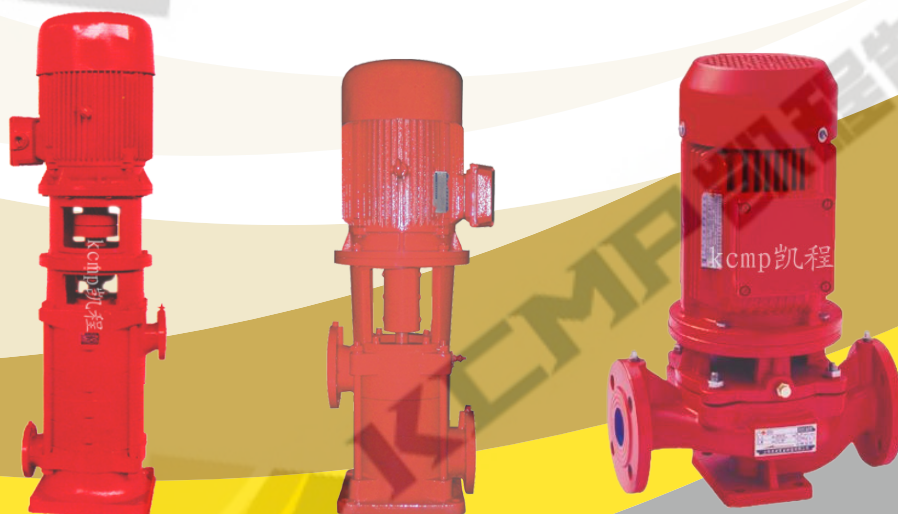
工业流体输送专家

Experts in Water industry liquid transportation



XBD立式消防泵 XBD VERTICAL FIRE-FIGHTING PUMP

产品说明书 Product specification



立式消防泵产品简介 Brief Introduction of Vertical Fire Pumps

产品简介及特点 Product Description and Features

- 我公司在原有立式多级泵和立式单级泵基础上根据国家对消防泵的最新标准(GB6245-1998)的要求而开发出新一代XBD型中低压消防泵产品。该产品包括XBD-DL型、XBD-LG型和XBD-ISG型, 该系列泵在性能、结构、材料和配套上均满足消防泵的要求。由于采用优秀的水力模型, 因此该系列泵具有满足用户要求; 采用立式泵结构, 具有效率高、性能范围广的特点, 可更好地节省占地面积的优点; 采用优质轴承和优质电机, 使泵运行更为安全可靠、噪声低、振动小; 采用水力平衡轴向力, 减少平衡鼓, 可使运行更为平稳。其轴封有机械密封和填料密封两种形式。

According to the national latest standard on fire pumps (GB6245-1998), our company has developed the new generation of XBD medium and low pressure pump products on the base of the original vertical multistage pumps and vertical single-stage pumps. Including the types of XBD-DL, XBD-LG and XBD-ISG, this series of pumps can meet the requirements of fire pumps in performance, structure, materials and configuration. With the use of advanced hydraulic model, they can well satisfy users' requirements. The vertical structure features high efficiency and wide range of performance, and to save floor occupation greatly. The use of quality bearing and motor makes pump running more safely and dependably with little noise and vibration. Hydraulically balanced axial force to reduce balancing drum, making it running more smoothly. Its shaft seal has the types of mechanical seal and packing seal.

- XBD-DL型转速低, 压力高, 性能平稳, 寿命长等特点。

XBD-DL type pump has the character of low rotate speed, high pressure, stable performance and long operating life, etc.

- XBD-LG型泵占地面积小, 外形美观、转速高、重量轻等特点。

XBD-LG pumps are featured by small floor occupation, elegant profile, high speed and light weight etc..

- XBD-ISG型具有占地面积小、重量轻、噪音低、性能优良、运行可靠等优点。

XBD-ISG pumps are featured by small floor occupation, light weight, little noise, superior performance and dependable operation etc..

应用范围 Range of Application

- 适用于各种场合如住宅、宾馆、办公大楼、商业大楼、工厂、医院等处的消防给水。

Applicable for the fire water in residence, hotels, office buildings, commercial buildings, factories and hospitals etc.

性能范围 Range of Performance

- 流量 Capacity: 5~200L/S
- 扬程 Head: 20~230m
- 功率 Power: 3~200kW

工作条件 Working Condition

- 可输送清水或物理化学性质类似于清水的无腐蚀性介质, 其固体不溶物不超过0.1%。
Applicable for transferring clear water or non-corrosive media whose physical and chemical characteristic is similar as clear water and solid insoluble matters less than 0.1%.
- 介质温度: -15℃~120℃。
Medium temperature: -15℃~120℃.
- 最大工作压力: XBD-DL型泵: $\leq 2.5\text{MPa}$, 即系统压力+扬程 $\leq 2.5\text{MPa}$, XBD-LG型泵: $\leq 2.0\text{MPa}$, XBD-ISG型泵: $\leq 1.6\text{MPa}$ 。
Max. working pressure: XBD-DL PUMP: $\leq 2.5\text{MPa}$, i.e. system pressure + lift head $\leq 2.5\text{MPa}$; XBD-LG PUMP: $\leq 2.0\text{MPa}$; XBD-ISG PUMP: $\leq 1.6\text{MPa}$.
- 环境温度不大于40℃, 相对湿度小于95%。
Ambient temperature $\leq 40^\circ\text{C}$ and relative temperature $< 95\%$.

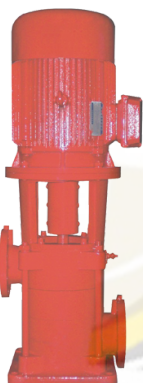
立式消防泵型号意义 Designation of Vertical Fire Pumps

型号意义 Designation



XBD 5.5 / 5 - 50 × 5 - DL

- 立式多级离心泵
Vertical Multistage Centrifugal Pump
- 级数
Stage
- 进出口直径(mm)
Inlet & outlet diameters
- 额定流量(L/s)
Rated Flow
- 额定压力(1/10 MPa)
Rated Pressure
- 电机驱动的消防泵
Motor-driven Fire Pump



XBD 4.2 / 15 - 80 × 3 - LG

- 高转速立式多级泵
High Speed Vertical Multistage Pump
- 级数
Stage
- 进出口直径(mm)
Inlet & outlet diameters
- 额定流量(L/s)
Rated Flow
- 额定扬程(1/10 MPa)
Rated Head
- 电机驱动的消防泵
Motor-driven Fire Pump

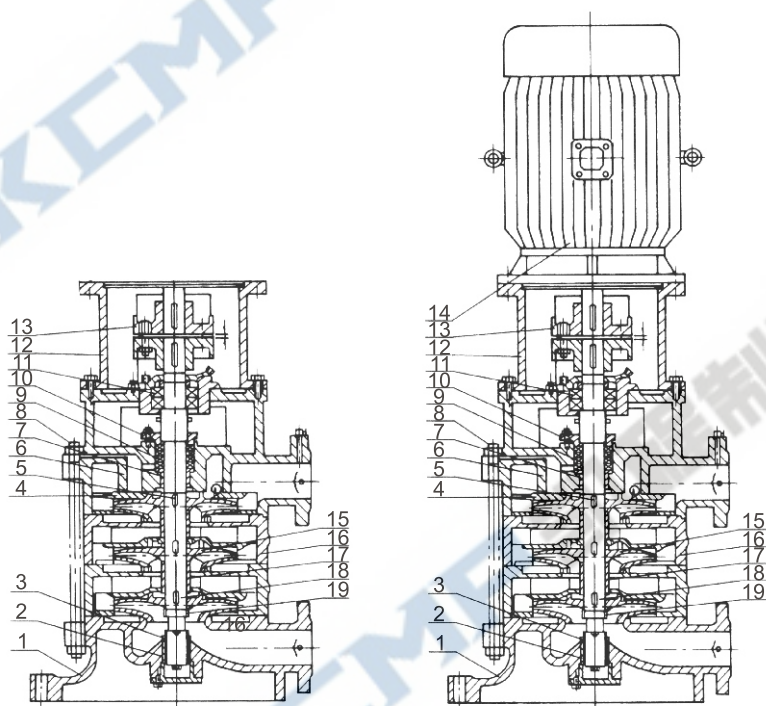


XBD 5.0 / 45 - 125 - 200 - ISG

- 立式单级离心泵
Vertical Single-stage Centrifugal Pump
- 叶轮名义直径
Nominal Diameter of Impeller
- 泵进出口口径(mm)
Pump Inlet and Outlet Diameters (mm)
- 额定流量(L/s)
Rated Flow
- 额定压力(1/10 MPa)
Rated Pressure
- 电机驱动的消防泵
Motor-driven Fire Pump

XBD-DL型立式消防泵结构图及说明 Structural Drawing and Description of XBD-DL Vertical Fire Pumps

结构图 Structural Drawing



序号No.	名称 Name	材料 Material	序号No.	名称 Name	材料 Material
1	进水段 Suction Casing	HT200	10	填料压盖 Packing Gland	HT200
2	下轴承 Lower Bearing	QSn4-3	11	上轴承 Upper Bearing	滚动轴承 Rolling Bearing
3	下轴套 Lower Sleeve	2Cr13	12	电机座 Motor Base	HT200
4	导叶 Guide Vane	HT200	13	联轴器 Coupling	HT200
5	键 Key	45	14	电机 Motor	Y、Y2
6	出水段 Discharge Casing	HT200	15	叶轮 Impeller	HT200或青铜 HT200 or Bronze
7	填料套 Packing Sleeve	HT200	16	中段 Stage Casing	HT200
8	接紧螺栓 Tightening Bolt	45	17	叶轮挡套 Impeller Spacer Sleeve	HT200
9	填料 Packing	油浸石棉绳 Oil-impregnated Asbestos Rope	18	轴 Shaft	2Cr13

- 该泵为立式、多级、节段式结构，泵进水段、中段、出水段由拉杆螺栓拉紧固定，每一级上有一叶轮和导叶，轴向力采用水力平衡，残余轴向力由轴承承受。

This pump takes a vertical, multistage and segmental structure. The suction, stage and discharge casings of pump are fastened by stay bolts. Each casing has an impeller and guide vane. The axial force is balanced by hydraulic power, and the residual axial force is borne by bearing.

- 轴封可选用填料密封或机械密封，选用机械密封时可选用便拆式结构。

Shaft seal may be packing seal or mechanical seal. A detachable structure may be used for mechanical seal.

- 泵由电机驱动，从电机端方向看，泵顺时针方向旋转。

Pump is driven by motor. Viewing from the motor, pump runs clockwise.

- 泵进水在下方，出水在上方，进出水间相对位置可根据用户要求选择为0°、90°、180°、270°中任一进行装配，如无需要，则为180°，即泵的进出水口分列泵两侧。

The water inlet is in the lower position, while the water outlet is in the upper position. The relative position of inlet and outlet may be fitted by 0°, 90°, 180° or 270° as requested. If not demanded, it can be 180°, that is, the water inlet and outlet are placed on the both sides of pump.

- 该泵可根据用户要求配套相应的控制设备。

This pump can be equipped with relevant control equipment if requested by users.

- 泵设有灌引水系统和排气装置。

This pump is fitted with priming water system and exhaust device.

- 叶轮可采用青铜材料，避免长期停机后叶轮与导叶间锈合。

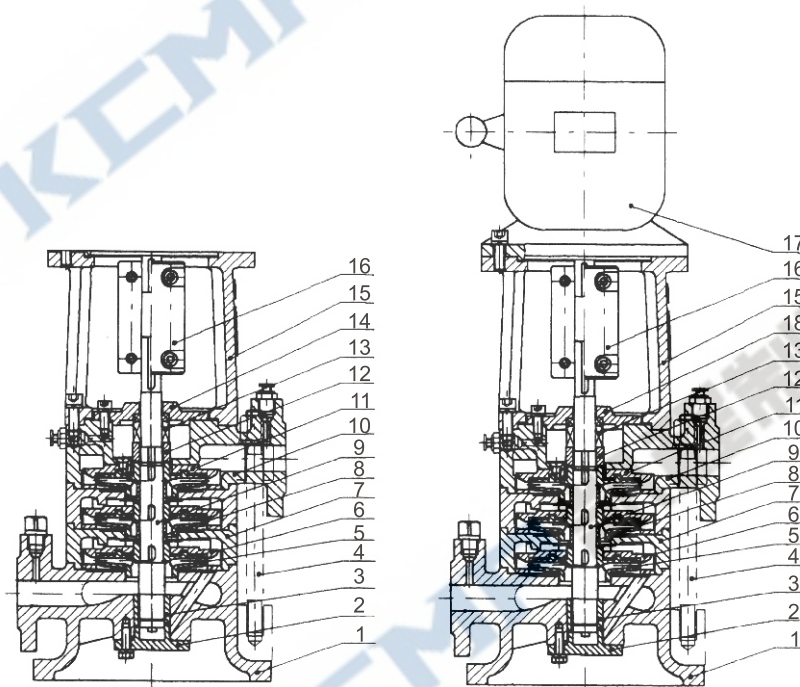
Impeller may be made of bronze so as to avoid the rusting between impeller and guide vane after long time of rest.

- 泵组可配套隔振器或隔振垫、联接板。

Pump unit may be equipped with vibration isolator or vibration isolating pad, and connecting board.

XBD-LG型立式消防泵结构图及说明 Structural Drawing and Description of XBD-DL Vertical Fire Pumps

结构图 Structural Drawing



序号No.	名称 Name	材料 Material	序号No.	名称 Name	材料 Material
1	进水段 Suction Casing	HT200	10	出水段 Discharge Casing	HT200
2	底盖 Bottom Cover	HT200	11	末级导叶 Final Stage Guide Vane	HT200
3	下导轴承 Lower Guide Bearing	石墨 Graphite	12	联接螺栓 Connecting Turnbuckle	45
4	拉紧螺栓 Tightening Bolt	45	13	机械密封 Mechanical Seal	
5	叶轮 Impeller	HT200或青铜 HT200 or Bronze	14	机封压盖 Mechanical Seal Gland	HT200
6	导叶 Guide Vane	HT200	15	夹壳联轴器 Clamp Coupling	HT200
7	中段 Stage Casing	HT200	16	电机架 Motor Frame	HT200
8	叶轮挡套 Impeller Spacer Sleeve	45	17	电机 Motor	
9	轴 Shaft	2Cr13			

- 本型泵是立式多级节段式结构，用螺栓把进水段、中段、出水段紧固成一体，泵每级装一个叶轮及导叶，其轴向力采用水力平衡，残余轴向力由一个或一对球轴承承受；

This type of pump takes a vertical, multistage and segmental structure, with its suction, stage and discharge casing fastened into a whole body by bolts. Each casing has an impeller and guide vane. The axial force is balanced by hydraulic power, and the residual axial force is borne by one or a pair of ball bearings.

- 轴封采用特殊设计的机械密封，如需拆机械密封时，不需拆下电机，把中间夹壳联轴器拆开就可取出密封件，具有更换、维修方便的优点；

The shaft seal adopts the specially designed mechanical seal, unnecessary to unload the motor when the mechanical seal needs unloading but just disassemble the clamp coupling in the middle to take out the sealing element, thus easy for change and maintenance;

- 泵的传动是通过夹壳联轴器由立式电动机驱动，从电机端看，泵为顺时针方向旋转；

The pump is driven by the vertical electromotor through the clamp coupling which rotates clockwise seen from the motor end;

- 泵的吸入口在下方，出水口在上方，其相对位置可根据用户的要求选用0°、90°、180°、270°、之一进行装配出厂，一般泵180°出厂；

The pump's suction port is on the bottom and the discharge port on the top; the assembly can be customized with relative position options including 0° , 90° , 180° and 270° and the normal specification is 180°

- 装配无需调整，拆装方便；

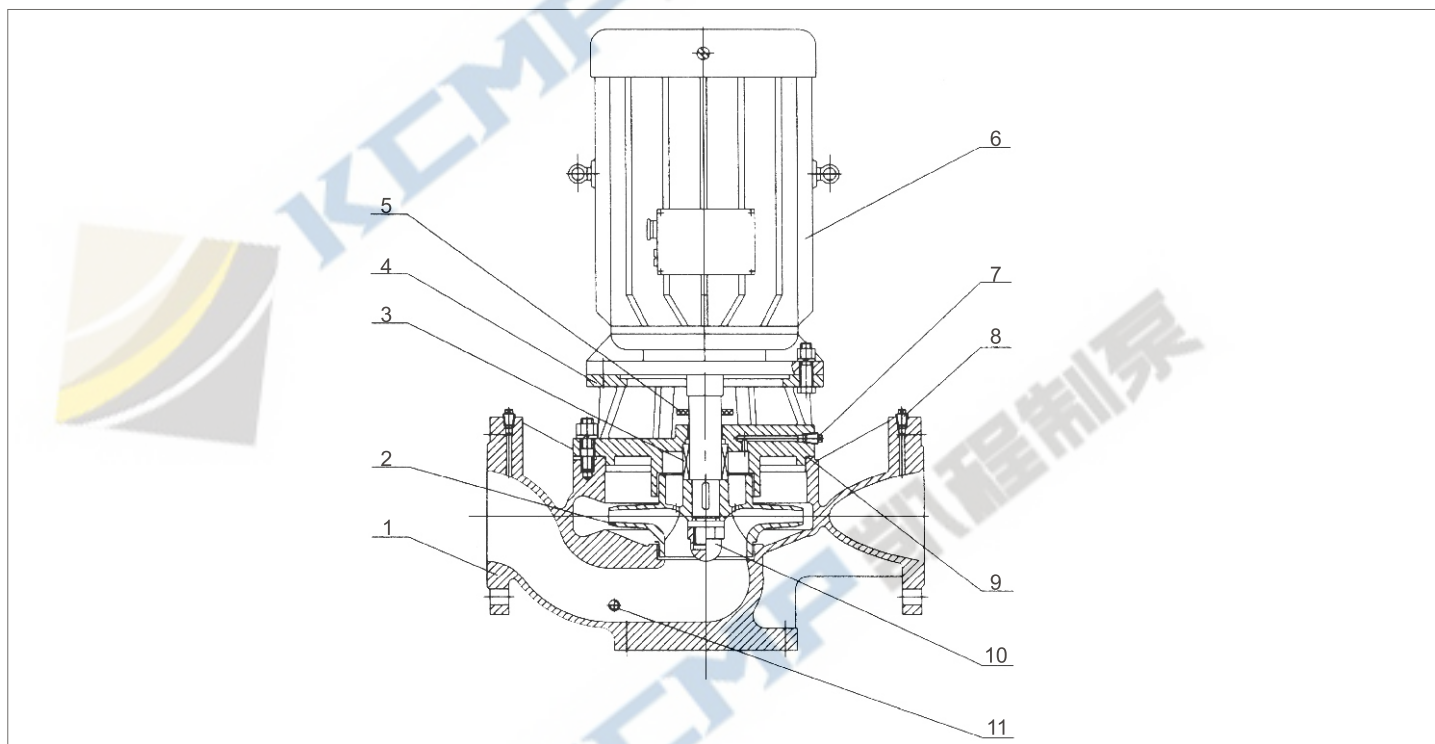
Unnecessary to adjust the assembly, easy for assembly and disassembly;

- 叶轮采用青铜材料避免长期停机后叶轮与导叶间锈合。

The impeller is made of bronze to avoid the rusting and adhesion between the impeller and the guide blade due to the stop for long.

XBD-ISG型立式消防泵结构图及说明 Structural Drawing and Description of XBD-ISG Vertical Fire Pumps

结构图 Structural Drawing



序号No.	名称 Name	材料 Material	序号No.	名称 Name	材料 Material
1	泵体 Pump Body	HT200/QT400-18	7	放气阀 Air Release Valve	铜 Copper
2	叶轮 Impeller	HT200/青铜 Bronze	8	取压塞 Pressure Cock	可锻铸铁 Malleable Cast Iron
3	机械密封 Mechanical Seal	硬质合金、Hard alloy 氟橡胶等 and viton etc.	9	密封圈 Sealing Ring	橡胶 Rubber
4	泵盖 Pump Cover	HT200	10	叶轮螺母 Impeller Nut	45/HT200
5	挡水圈 Water Deflector	橡胶 Rubber	11	放水塞 Drain Cock	可锻铸铁 Malleable Cast Iron
6	电机 Motor	/			

- 管式连接形式的螺旋形泵壳、采用现代最优质水力模型设计制造。
The spiral casing with pipe connection is designed and manufactured by the most superior hydraulic model today.
- 用电机直接联接，机泵轴完全同心，振动小，噪音低。
Directly connected by motor, complete concentricity of motor and pump shafts, little vibration and low noise.
- 泵进出口径相同，并在同一直线上，因此，可将泵象阀门一样安装在管路的任何位置。
Same diameters of inlet and outlet in a straight line, so that it can, just like a valve, be mounted at any a position in pipeline.
- 用整轴和特殊结构配置的轴承，运行可靠。
Specially structured bearing using a whole shaft for dependable operation.
- 用强制环流的方法改善机械密封运行环境，从而延长机封的使用寿命。
The operating conditions of mechanical seal improved by compulsory circulating flow, thus to lengthen the operation life of mechanical seal.
- 立式安装结构大大缩小了泵的占地面积，节约建设投资40%~60%。
Vertical installation structure to greatly lessen the floor occupation of pump, saving construction investment by 40%~60%.
- 完美的设计保证泵的无泄漏，长寿命运行，节约运行管理费50%~70%。
Perfect design to ensure leak-tightness and long service life, saving operational management cost by 50%~70%.
- 采用优质铸件，尺寸精度高，外形美观。
Quality castings, high dimensional accuracy and elegant outline.
- 电机协作厂家为国内著名电机生产厂家，保证电机质量。
Motors supplied by famous motor manufacturer at home to ensure good quality.

XBD-DL 型泵性能参数表 Performance Parameters of XBD-DL Pumps

性能参数表 Performance Parameters

Type 泵型号	流量 Q Capacity		Pressure (MPa) 压力	r/min speed 转速	Efficiency 效率	Power 轴功率 Shaft power 配套功率 Equipped power kW		(NPSH) _r (m) 汽蚀余量	重量 Weight (kg)	H(mm) Height 高度	H1(mm) Height 高度
	L/S	m ³ /h									
XBD2.2/5-50×2-DL	4 5 6	14.4 18 21.6	0.24 0.22 0.17	1480	54 55 50	1.7 1.9 2.0	3	2.3 2.6 3.0	160	935	358
XBD3.3/5-50×3-DL	4 5 6	14.4 18 21.6	0.36 0.33 0.26	1480	54 55 50	2.6 2.9 3.0	4	2.3 2.6 3.0	190	1030	438
XBD4.4/5-50×4-DL	4 5 6	14.4 18 21.6	0.48 0.44 0.34	1480	54 55 50	3.4 3.9 4.0	5.5	2.3 2.6 3.0	225	1130	518
XBD5.5/5-50×5-DL	4 5 6	14.4 18 21.6	0.60 0.55 0.43	1480	54 55 50	4.3 4.9 5.0	5.5	2.3 2.6 3.0	255	1270	598
XBD6.6/5-50×6-DL	4 5 6	14.4 18 21.6	0.72 0.66 0.51	1480	54 55 50	5.2 5.8 6.0	7.5	2.3 2.6 3.0	290	1390	678
XBD7.7/5-50×7-DL	4 5 6	14.4 18 21.6	0.84 0.77 0.60	1480	54 55 50	6.1 6.8 7.0	7.5	2.3 2.6 3.0	315	1470	758
XBD8.8/5-50×8-DL	4 5 6	14.4 18 21.6	0.96 0.88 0.68	1480	54 55 50	6.9 7.8 8.0	11	2.3 2.6 3.0	350	1570	838
XBD9.9/5-50×9-DL	4 5 6	14.4 18 21.6	1.08 0.99 0.77	1480	54 55 50	7.8 8.8 9.0	11	2.3 2.6 3.0	400	1740	918
XBD11/5-50×10-DL	4 5 6	14.4 18 21.6	1.20 1.10 0.85	1480	54 55 50	8.7 9.8 10.0	11	2.3 2.6 3.0	440	1820	998
XBD2.6/10-65×2-DL	8.3 10 12	30 36 43.2	0.30 0.26 0.23	1480	63 60 57	3.9 4.3 4.7	5.5	2.5 3.0 4.0	280	1145	330
XBD3.9/10-65×3-DL	8.3 10 12	30 36 43.2	0.45 0.39 0.35	1480	63 60 57	5.8 6.4 7.1	7.5	2.5 3.0 4.0	350	1290	434
XBD5.2/10-65×4-DL	8.3 10 12	30 36 43.2	0.60 0.52 0.46	1480	63 60 57	7.8 8.5 9.5	11	2.5 3.0 4.0	436	1500	538
XBD6.5/10-65×5-DL	8.3 10 12	30 36 43.2	0.75 0.65 0.58	1480	63 60 57	9.7 10.6 11.9	15	2.5 3.0 4.0	486	1605	642
XBD7.8/10-65×6-DL	8.3 10 12	30 36 43.2	0.90 0.78 0.69	1480	63 60 57	11.7 12.8 14.3	15	2.5 3.0 4.0	544	1755	746
XBD9.1/10-65×7-DL	8.3 10 12	30 36 43.2	1.05 0.91 0.81	1480	63 60 57	13.6 14.9 16.6	22	2.5 3.0 4.0	590	1860	850
XBD10.4/10-65×8-DL	8.3 10 12	30 36 43.2	1.20 1.04 0.92	1480	63 60 57	15.6 17.0 19.0	22	2.5 3.0 4.0	694	1995	954
XBD11.7/10-65×9-DL	8.3 10 12	30 36 43.2	1.35 1.17 1.04	1480	63 60 57	17.5 19.1 21.4	22	2.5 3.0 4.0	712	2130	1058
XBD13/10-65×10-DL	8.3 10 12	30 36 43.2	1.50 1.30 1.15	1480	63 60 57	19.5 21.3 23.8	30	2.5 3.0 4.0	765	2235	1162
XBD4/15-80×2-DL	9 15 18	32.4 54 65	0.42 0.40 0.36	1480	59 70 69	6.3 8.4 9.2	11	2.1 2.2 2.8	410	1335	379
XBD6/15-80×3-DL	9 15 18	32.4 54 65	0.63 0.65 0.54	1480	59 70 69	9.4 12.6 13.8	15	2.1 2.2 2.8	470	1490	491
XBD8/15-80×4-DL	9 15 18	32.4 54 65	0.84 0.80 0.72	1480	59 70 69	12.6 16.8 18.4	22	2.1 2.2 2.8	570	1665	603
XBD10/15-80×5-DL	9 15 18	32.4 54 65	1.05 1.00 0.90	1480	59 70 69	15.7 21.0 23.1	30	2.1 2.2 2.8	700	1840	715
XBD12/15-80×6-DL	9 15 18	32.4 54 65	1.26 1.20 1.08	1480	59 70 69	18.8 25.2 27.7	30	2.1 2.2 2.8	750	1950	827
XBD14/15-80×7-DL	9 15 18	32.4 54 65	1.47 1.40 1.26	1480	59 70 69	22.0 29.4 32.3	37	2.1 2.2 2.8	820	2130	939
XBD16/15-80×8-DL	9 15 18	32.4 54 65	1.68 1.60 1.44	1480	59 70 69	25.1 33.6 36.9	45	2.1 2.2 2.8	920	2265	1051
XBD18/15-80×9-DL	9 15 18	32.4 54 65	1.89 1.80 1.62	1480	59 70 69	28.3 37.8 41.6	45	2.1 2.2 2.8	980	2395	1163
XBD20/15-80×10-DL	9 15 18	32.4 54 65	2.10 2.00 1.80	1480	59 70 69	31.4 42 46.2	55	2.1 2.2 2.8	1180	2640	1257
XBD5/15-80×2-DL	11.1 15 18	40 54 65	0.52 0.50 0.45	1480	61 70 69	9.4 10.5 11.5	15	2.1 2.2 2.8	435	1380	379
XBD7.5/15-80×3-DL	11.1 15 18	40 54 65	0.78 0.75 0.67	1480	61 70 69	14.1 15.8 17.3	18.5	2.1 2.2 2.8	530	1520	491
XBD10/15-80×4-DL	11.1 15 18	40 54 65	1.05 1.00 0.90	1480	61 70 69	18.8 21 23	30	2.1 2.2 2.8	690	1725	603

XBD-DL型泵性能参数表 Performance Parameters of XBD-DL Pumps

性能参数表 Performance Parameters

Type	流量 Q Capacity		Pressure (MPa)	r/min speed	Efficiency %	Power kW		(NPSH) _r (m)	重量 Weight	H(mm) Height	H ₁ (mm) Height
泵型号	L/S	m ³ /h	压力	转速	效率	轴功率 Shaft power	配套功率 Equipped power	汽蚀余量	(kg)	高度	高度
XBD12.5/15-80×5-DL	11.1 15 18	40 54 65	1.31 1.25 1.12	1480	61 70 69	23.3 26.3 28.9	30	2.1 2.2 2.8	740	1840	715
XBD15/15-80×6-DL	11.1 15 18	40 54 65	1.57 1.50 1.35	1480	61 70 69	28.1 31.5 34.6	37	2.1 2.2 2.8	820	2015	827
XBD17.5/15-80×7-DL	11.1 15 18	40 54 65	1.83 1.75 1.57	1480	61 70 69	32.8 36.8 40.4	45	2.1 2.2 2.8	940	2155	939
XBD20/15-80×8-DL	11.1 15 18	40 54 65	2.10 2.00 1.80	1480	61 70 69	37.3 42.0 46.2	55	2.1 2.2 2.8	1110	2415	1051
XBD22.5/15-80×9-DL	11.1 15 18	40 54 65	2.36 2.25 2.02	1480	61 70 69	42.2 47.3 52	55	2.1 2.2 2.8	1160	2525	1163
XBD25/15-80×10-DL	11.1 15 18	40 54 65	2.63 2.50 2.25	1480	61 70 69	47 52.5 57.7	75	2.1 2.2 2.8	1340	2725	1275
XBD4/20-100×2-DL	14 20 24	50 72 86	0.46 0.40 0.36	1480	62 72 71	10.2 10.9 11.9	15	2.2 2.8 3.1	450	1415	410
XBD6/20-100×3-DL	14 20 24	50 72 86	0.69 0.60 0.54	1480	62 72 71	15.3 16.4 17.9	22	2.2 2.8 3.1	530	1570	535
XBD8/20-100×4-DL	14 20 24	50 72 86	0.92 0.80 0.72	1480	62 72 71	20.4 21.8 23.9	30	2.2 2.8 3.1	670	1790	660
XBD10/20-100×5-DL	14 20 24	50 72 86	1.15 1.00 0.90	1480	62 72 71	25.5 27.3 29.8	37	2.2 2.8 3.1	740	1980	785
XBD12/20-100×6-DL	14 20 24	50 72 86	1.38 1.20 1.08	1480	62 72 71	30.6 32.7 35.8	37	2.2 2.8 3.1	800	2105	910
XBD14/20-100×7-DL	14 20 24	50 72 86	1.61 1.40 1.26	1480	62 72 71	35.7 38.3 41.8	45	2.2 2.8 3.1	900	2255	1035
XBD16/20-100×8-DL	14 20 24	50 72 86	1.84 1.60 1.44	1480	62 72 71	40.8 43.6 47.8	55	2.2 2.8 3.1	1060	2530	1160
XBD18/20-100×9-DL	14 20 24	50 72 86	2.07 1.80 1.62	1480	62 72 71	45.9 49.1 53.7	55	2.2 2.8 3.1	1120	2655	1285
XBD20/20-100×10-DL	14 20 24	50 72 86	2.30 2.00 1.80	1480	62 72 71	50.9 54.5 59.7	75	2.2 2.8 3.1	1320	2865	1410
XBD5/20-100×2-DL	14 20 24	50.4 72 90	0.53 0.50 0.44	1480	62 72 71	11.7 13.6 15.2	18.5	2.2 2.8 3.1	410	1445	410
XBD7.5/20-100×3-DL	14 20 24	50.4 72 90	0.71 0.75 0.66	1480	62 72 71	17.6 20.4 22.8	30	2.2 2.8 3.1	570	1665	535
XBD10/20-100×4-DL	14 20 24	50.4 72 90	1.06 1.00 0.88	1480	62 72 71	23.5 27.2 30.4	37	2.2 2.8 3.1	650	1855	660
XBD12.5/20-100×5-DL	14 20 24	50.4 72 90	1.32 1.25 1.10	1480	62 72 71	29.3 34 38	45	2.2 2.8 3.1	750	2005	785
XBD15/20-100×6-DL	14 20 24	50.4 72 90	1.59 1.50 1.32	1480	62 72 71	35.2 40.8 45.6	55	2.2 2.8 3.1	920	2280	910
XBD17.5/20-100×7-DL	14 20 24	50.4 72 90	1.85 1.75 1.54	1480	62 72 71	41.7 47.6 53.2	55	2.2 2.8 3.1	970	2405	1035
XBD20/20-100×8-DL	14 20 24	50.4 72 90	2.12 2.0 1.76	1480	62 72 71	46.9 54.5 60.7	75	2.2 2.8 3.1	1150	2615	1160
XBD22.5/20-100×9-DL	14 20 24	50.4 72 90	2.38 2.25 1.98	1480	62 72 71	52.8 61.3 68.3	75	2.2 2.8 3.1	1200	2740	1285
XBD25/20-100×10-DL	14 20 24	50.4 72 90	2.65 2.50 2.20	1480	62 72 71	58.6 68 75.9	90	2.2 2.8 3.1	1265	2915	1410
XBD4.4/25-100×2-DL	20 25 30	72 90 108	0.46 0.44 0.40	1480	62 70 72	13.3 15.4 16.4	18.5	2.2 2.5 2.8	510	1445	410
XBD6.6/25-100×3-DL	20 25 30	72 90 108	0.69 0.66 0.60	1480	62 70 72	19.9 23.1 24.5	30	2.2 2.5 2.8	615	1665	535
XBD8.8/25-100×4-DL	20 25 30	72 90 108	0.92 0.88 0.80	1480	62 70 72	26.5 30.8 32.7	37	2.2 2.5 2.8	715	1855	660
XBD11/25-100×5-DL	20 25 30	72 90 108	1.15 1.10 1.00	1480	62 70 72	33.1 38.5 40.8	45	2.2 2.5 2.8	810	2005	785

XBD-DL型泵性能参数表 Performance Parameters of XBD-DL Pumps

性能参数表 Performance Parameters

Type 泵型号	流量 Q Capacity		Pressure (MPa) 压力	r/min speed 转速	Efficiency 效率	Power kW 轴功率 配套功率		(NPSH)r (m) 汽蚀余量	重量 Weight (kg)	H(mm) Height 高度	H1(mm) Height 高度
	L/S	m³/h									
XBD13.2/25-100×6-DL	20 25 30	72 90 108	1.38 1.32 1.20	1480	62 70 72	39.8 46.2 49	55	2.2 2.5 2.8	985	2280	910
XBD15.4/25-100×7-DL	20 25 30	72 90 108	1.61 1.54 1.40	1480	62 70 72	50.5 54.0 57.2	75	2.2 2.5 2.8	1185	2405	1035
XBD17.6/25-100×8-DL	20 25 30	72 90 108	1.84 1.76 1.60	1480	62 70 72	53 61.7 65.4	75	2.2 2.5 2.8	1240	2615	1160
XBD19.8/25-100×9-DL	20 25 30	72 90 108	2.07 1.98 1.80	1480	62 70 72	59.7 69.4 73.5	75	2.2 2.5 2.8	1310	2740	1285
XBD22/25-100×10-DL	20 25 30	72 90 108	2.30 2.20 2.00	1480	62 70 72	66.3 77.7 81.7	90	2.2 2.5 2.8	1405	2915	1410
XBD4/30-100×2-DL	20 30 35	72 108 126	0.46 0.40 0.36	1480	62 72 73	14.6 16.3 16.9	18.5	2.2 2.5 4.1	500	1480	410
XBD5.8/30-100×3-DL	20 30 35	72 108 126	0.65 0.58 0.54	1480	62 72 73	21.8 24.5 25.4	30	2.2 5.8 4.1	640	1665	535
XBD8/30-100×4-DL	20 30 35	72 108 126	0.92 0.80 0.72	1480	62 72 73	29.1 32.7 33.8	37	2.2 5.8 4.1	710	1855	660
XBD10/30-100×5-DL	20 30 35	72 108 126	1.15 1.00 0.90	1480	62 72 73	36.4 40.8 42.3	45	2.2 5.8 4.1	810	2005	785
XBD12/30-100×6-DL	20 30 35	72 108 126	1.38 1.20 1.08	1480	62 72 73	43.7 49 50.8	55	2.2 5.8 4.1	980	2280	910
XBD14/30-100×7-DL	20 30 35	72 108 126	1.61 1.40 1.20	1480	62 72 73	51.0 57.2 59.2	75	2.2 5.8 4.1	1190	2490	1035
XBD16/30-100×8-DL	20 30 35	72 108 126	1.84 1.60 1.44	1480	62 72 73	58.2 65.4 67.7	75	2.2 5.8 4.1	1250	2615	1160
XBD18/30-100×9-DL	20 30 35	72 108 126	2.07 1.80 1.62	1480	62 72 73	65.5 73.5 76.1	90	2.2 5.8 4.1	1400	2790	1285
XBD20/30-100×10-DL	20 30 35	72 108 126	2.30 2.00 1.80	1480	62 72 73	72.8 81.7 84.6	90	2.2 5.8 4.1	1480	2915	1410
XBD5/30-100×2-DL	20 30 35	72 108 126	0.53 0.50 0.44	1480	62 72 71	16.6 18.9 21.2	22	2.2 2.8 3.1	520	1480	410
XBD7.5/30-100×3-DL	20 30 35	72 108 126	0.79 0.75 0.66	1480	62 72 71	25.1 28.4 31.9	37	2.2 2.8 3.1	680	1730	535
XBD10/30-100×4-DL	20 30 35	72 108 126	1.06 1.00 0.88	1480	62 72 71	33.5 37.8 42.5	45	2.2 2.8 3.1	800	1880	660
XBD12.5/30-100×5-DL	20 30 35	72 108 126	1.32 1.25 1.10	1480	62 72 71	41.9 47.3 53.2	55	2.2 2.8 3.1	960	2155	785
XBD15/30-100×6-DL	20 30 35	72 108 126	1.59 1.50 1.32	1480	62 72 71	50.3 56.7 63.8	75	2.2 2.8 3.1	1150	2365	910
XBD17.5/30-100×7-DL	20 30 35	72 108 126	1.85 1.75 1.54	1480	62 72 71	58.7 66.2 74.4	90	2.2 2.8 3.1	1300	2540	1035
XBD20/30-100×8-DL	20 30 35	72 108 126	2.12 2.00 1.76	1480	62 72 71	67 75.6 85.1	90	2.2 2.8 3.1	1350	2665	1160
XBD22.5/30-100×9-DL	20 30 35	72 108 126	2.38 2.25 1.98	1480	62 72 71	75.4 85.1 95.7	110	2.2 2.8 3.1	1560	3010	1285
XBD25/30-100×10-DL	20 30 35	72 108 126	2.65 2.50 2.20	1480	62 72 71	83.8 94.6 106.3	110	2.2 2.8 3.1	1610	3135	1410
XBD4/35-125×2-DL	25 35 38.9	90 126 140	0.45 0.40 0.36	1480	68 72 71	16.2 19.1 19.3	22	2.2 2.8 3.2	530	1480	410
XBD6/35-125×3-DL	25 35 38.9	90 126 140	0.675 0.60 0.54	1480	68 72 71	24.3 28.6 29	30	2.2 2.8 3.2	630	1665	535
XBD8/35-125×4-DL	25 35 38.9	90 126 140	0.90 0.80 0.72	1480	68 72 71	32.4 38.1 38.7	45	2.2 2.8 3.2	720	1880	660
XBD10/35-125×5-DL	25 35 38.9	90 126 140	1.13 1.00 0.90	1480	68 72 71	40.5 47.6 48.3	55	2.2 2.8 3.2	900	2155	785
XBD12/35-125×6-DL	25 35 38.9	90 126 140	1.35 1.20 1.08	1480	68 72 71	48.6 57.2 58	75	2.2 2.8 3.2	1100	2365	910

XBD-DL 型泵性能参数表 Performance Parameters of XBD-DL Pumps

性能参数表 Performance Parameters

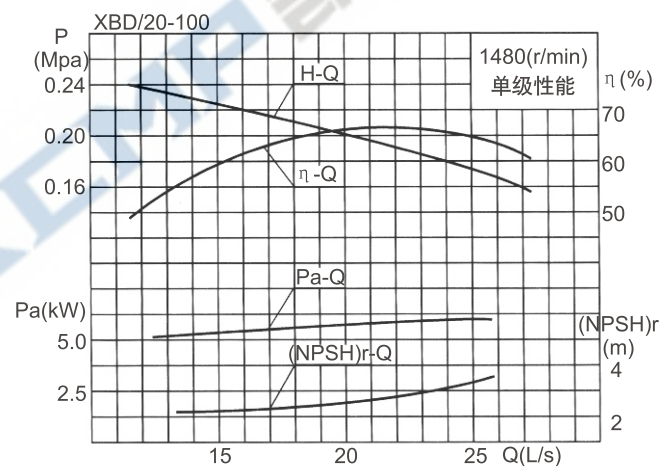
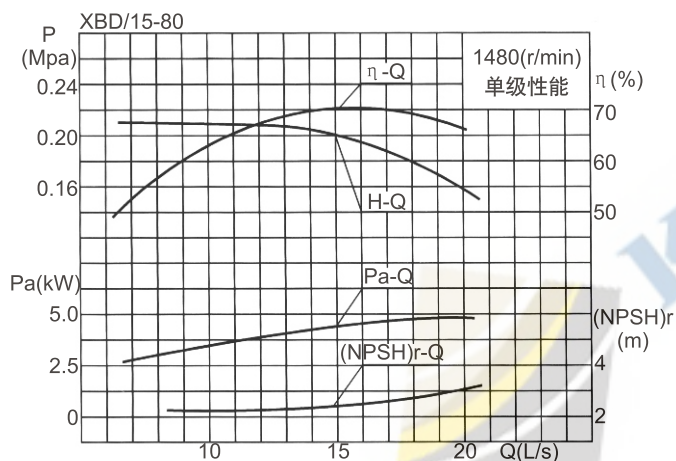
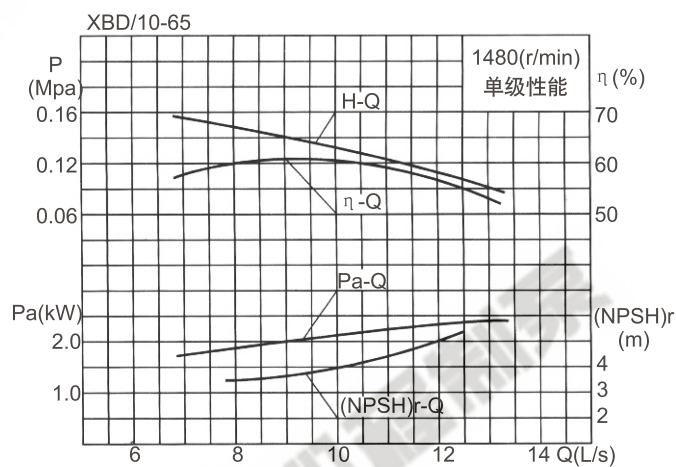
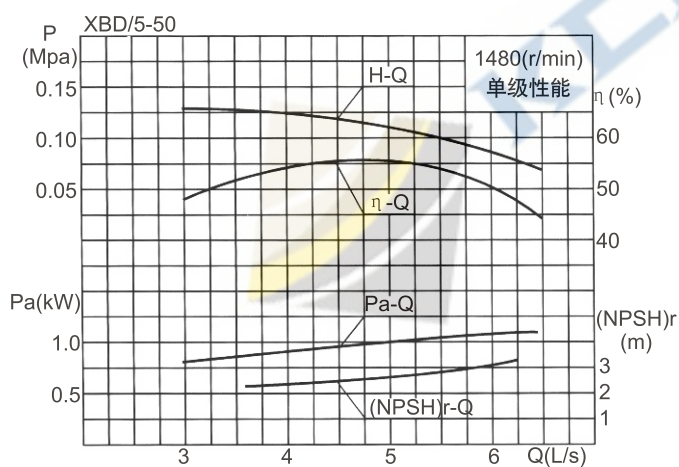
Type	流量 Q Capacity		Pressure (MPa)	 r/min speed	 Efficiency	Power  kW		(NPSH) _r (m)	重量 Weight	 H(mm) Height	 H1(mm) Height
泵型号	L/S	m³/h	压力	转速	效率	轴功率 Shaft power	配套功率 Equipped power	汽蚀余量	(kg)	高度	高度
XBD14/35-125×7-DL	25 35 38.9	90 126 140	1.58 1.40 1.26	1480	68 72 71	56.8 66.7 67.7	75	2.2 2.8 3.2	1200	2490	1035
XBD16/35-125×8-DL	25 35 38.9	90 126 140	1.80 1.60 1.44	1480	68 72 71	64.8 76.2 77.3	90	2.2 2.8 3.2	1400	2665	1160
XBD18/35-125×9-DL	25 35 38.9	90 126 140	2.03 1.80 1.62	1480	68 72 71	73 85.8 87	90	2.2 2.8 3.2	1480	2790	1285
XBD20/35-125×10-DL	25 35 38.9	90 126 140	2.25 2.00 1.80	1480	68 72 71	81.8 95.3 96.6	110	2.2 2.8 3.2	1700	3135	1410
XBD4/40-150×2-DL	30 40 48	108 144 173	0.45 0.40 0.34	1480	74 78 76	17.9 20.1 21.1	30	2.2 2.8 3.5	660	1645	508
XBD6/40-150×3-DL	30 40 48	108 144 173	0.68 0.60 0.51	1480	74 78 76	26.8 30.2 31.6	37	2.2 2.8 3.5	760	1850	651
XBD8/40-150×4-DL	30 40 48	108 144 173	0.98 0.80 0.68	1480	74 78 76	35.8 40.3 42.2	45	2.2 2.8 3.5	900	2020	794
XBD10/40-150×5-DL	30 40 48	108 144 173	1.13 1.00 0.85	1480	74 78 76	44.7 50.3 52.7	55	2.2 2.8 3.5	1100	2310	937
XBD12/40-150×6-DL	30 40 48	108 144 173	1.35 1.20 1.02	1480	74 78 76	53.7 60.4 63.2	75	2.2 2.8 3.5	1340	2540	1080
XBD14/40-150×7-DL	30 40 48	108 144 173	1.58 1.40 1.19	1480	74 78 76	62.6 70.4 73.8	90	2.2 2.8 3.5	1500	2735	1223
XBD16/40-150×8-DL	30 40 48	108 144 173	1.80 1.60 1.36	1480	74 78 76	71.6 80.5 84.3	90	2.2 2.8 3.5	1600	2875	1366
XBD18/40-150×9-DL	30 40 48	108 144 173	2.00 1.80 1.53	1480	74 78 76	79.5 90.5 94.8	110	2.2 2.8 3.5	2000	3240	1509
XBD20/40-150×10-DL	30 40 48	108 144 173	2.20 2.00 1.70	1480	74 78 76	87.5 100.0 105.4	132	2.2 2.8 3.5	2200	3480	1652
XBD3.8/45-150×2-DL	35 45 54	126 162 194	0.42 0.38 0.30	1480	76 78 72	18.9 21.4 22.0	30	2.5 3.3 4.0	660	1645	508
XBD5.7/45-150×3-DL	35 45 54	126 162 194	0.63 0.57 0.45	1480	76 78 72	28.4 32.2 33.0	37	2.5 3.3 4.0	760	1850	651
XBD7.6/45-150×4-DL	35 45 54	126 162 194	0.84 0.76 0.60	1480	76 78 72	37.9 42.9 44.0	45	2.5 3.3 4.0	900	2020	794
XBD9.5/45-150×5-DL	35 45 54	126 162 194	1.05 0.95 0.75	1480	76 78 72	47.4 53.7 55.0	75	2.5 3.3 4.0	1100	2310	937
XBD11.4/45-150×6-DL	35 45 54	126 162 194	1.26 1.14 0.90	1480	76 78 72	56.8 64.4 66.0	75	2.5 3.3 4.0	1340	2540	1080
XBD13.3/45-150×7-DL	35 45 54	126 162 194	1.47 1.33 1.05	1480	76 78 72	66.3 75.2 77.0	90	2.5 3.3 4.0	1500	2735	1223
XBD15.2/45-150×8-DL	35 45 54	126 162 194	1.68 1.50 1.20	1480	76 78 72	75.8 85.9 88.0	90	2.5 3.3 4.0	1600	2875	1366
XBD17.1/45-150×9-DL	35 45 54	126 162 194	1.89 1.71 1.35	1480	76 78 72	85.3 96.7 99.0	110	2.5 3.3 4.0	2000	3240	1509
XBD19/45-150×10-DL	35 45 54	126 162 194	2.10 1.90 1.50	1480	76 78 72	94.8 107.4 110.0	132	2.5 3.3 4.0	2200	3480	1652
XBD4.2/75-200×2-DL	58 75 90	210 270 324	0.45 0.42 0.38	1480	70 77 78	36.6 40.7 44.8	45	4.2 4.5 5.2	1080	2115	624
XBD6.3/75-200×3-DL	58 75 90	210 270 324	0.675 0.63 0.57	1480	70 77 78	54.9 64.0 67.2	75	4.2 4.5 5.2	1340	2385	808
XBD8.4/75-200×4-DL	58 75 90	210 270 324	0.90 0.84 0.76	1480	70 77 78	73.2 81.3 89.7	110	4.2 4.5 5.2	1900	2840	992
XBD10.5/75-200×5-DL	58 75 90	210 270 324	1.13 1.05 0.95	1480	70 77 78	91.4 101.6 112.1	132	4.2 4.5 5.2	2150	3125	1076
XBD12.6/75-200×6-DL	58 75 90	210 270 324	1.34 1.26 1.14	1480	70 77 78	108.9 112.0 134.5	160	4.2 4.5 5.2	2400	3305	1360
XBD14.7/75-200×7-DL	58 75 90	210 270 324	1.57 1.47 1.33	1480	70 77 78	127.2 142.3 156.9	160	4.2 4.5 5.2	2550	3490	1544

XBD-DL 型泵性能参数表及性能曲线图 Performance Parameters and Performance Curve of XBD-DL Pumps

性能参数表 Performance Parameters

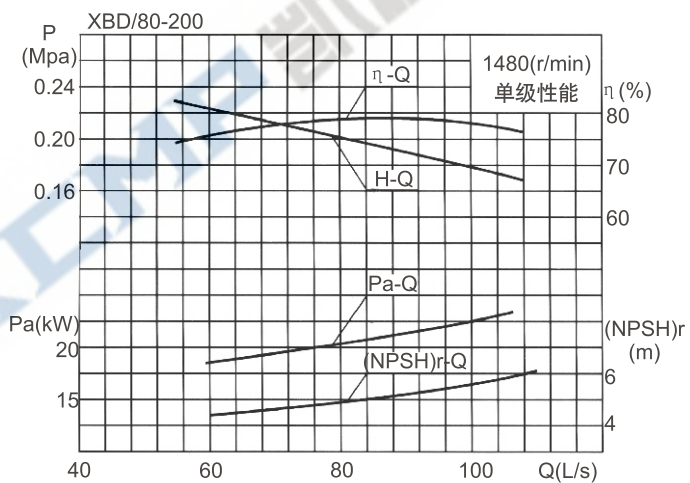
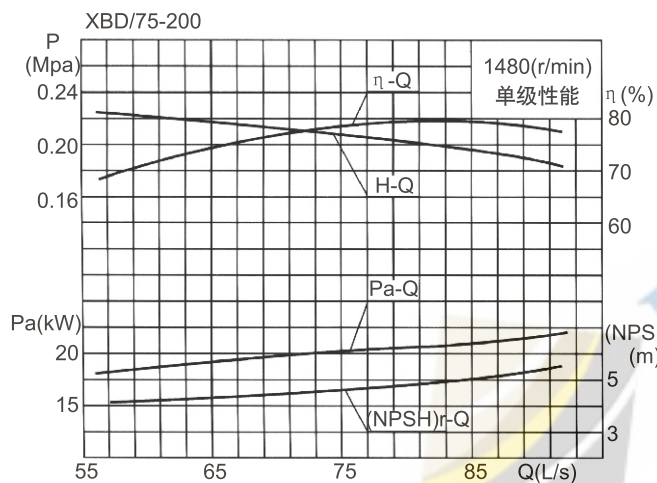
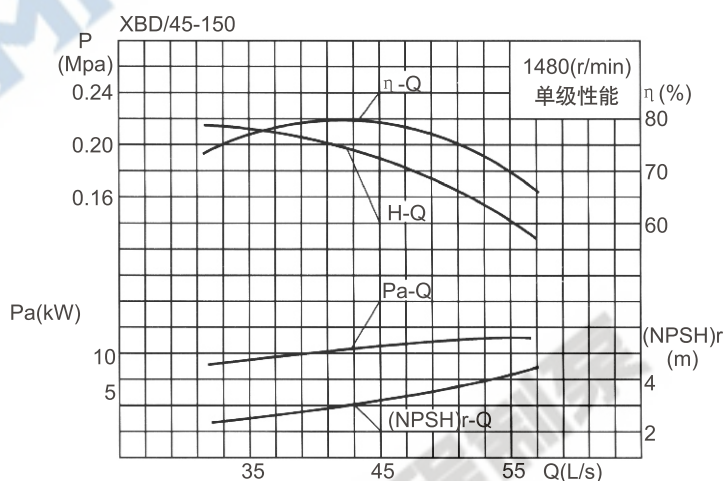
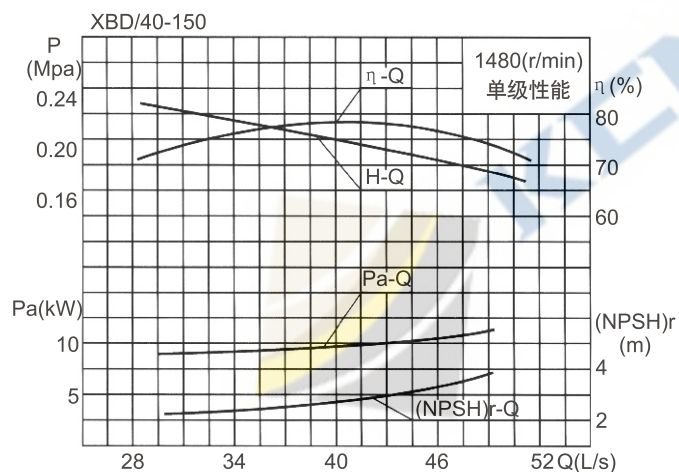
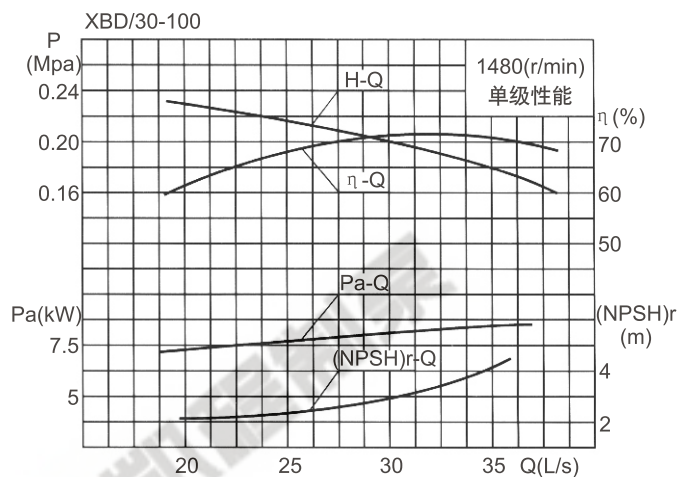
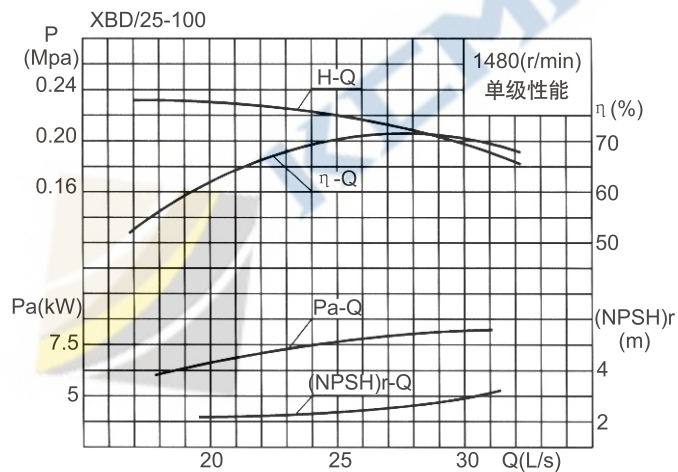
Type	流量 Q Capacity		Pressure (MPa)	r/min speed	Efficiency	Power		(NPSH)r (m)	重量 Weight	H(mm) Height	H1(mm) Height
泵型号	L/S	m³/h	压力	转速	效率	轴功率 Shaft power	配套功率 Equipped power	汽蚀余量	(kg)	高度	高度
XBD16.8/75-200×8-DL	58 75 90	210 270 324	1.80 1.68 1.52	1480	70 77 78	146.3 162.6 179.3	200	4.2 4.5 5.2	2700	3675	1728
XBD4/80-200×2-DL	65 80 100	234 288 360	0.44 0.40 0.36	1480	73 78 78	38.4 40.2 45.3	55	4.5 5 5.5	1080	2115	624
XBD6/80-200×3-DL	65 80 100	234 288 360	0.66 0.60 0.54	1480	73 78 78	57.7 60.4 67.9	75	4.5 5 5.5	1340	2385	808
XBD8/80-200×4-DL	65 80 100	234 288 360	0.88 0.80 0.72	1480	73 78 78	76.9 80.5 90.6	110	4.5 5 5.5	1900	2840	992
XBD10/80-200×5-DL	65 80 100	234 288 360	1.10 1.00 0.90	1480	73 78 78	96.1 100.6 113.2	132	4.5 5 5.5	2150	3125	1176
XBD12/30-200×6-DL	65 80 100	234 288 360	1.32 1.20 1.08	1480	73 78 78	115.3 120.7 135.8	160	4.5 5 5.5	2400	3305	1360
XBD14/80-200×7-DL	65 80 100	234 288 360	1.54 1.40 1.26	1480	73 78 78	134.5 140.9 158.5	160	4.5 5 5.5	2550	3490	1544
XBD16/80-200×8-DL	65 80 100	234 288 360	1.76 1.60 1.44	1480	73 78 78	153.7 161.0 181.1	200	4.5 5 5.5	2700	3675	1728

性能曲线图 Performance Curve



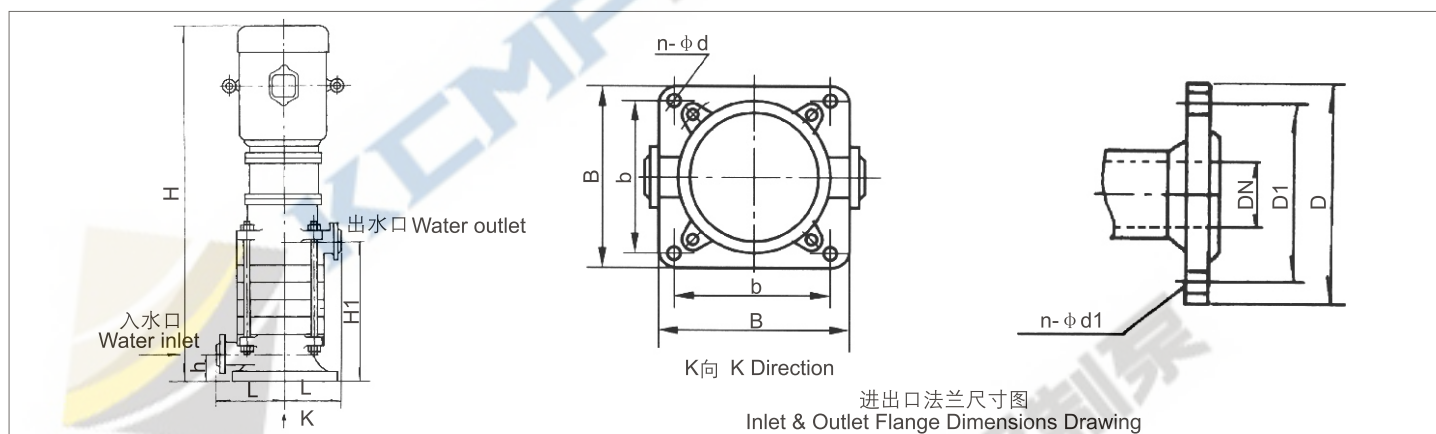
XBD-DL型泵性能曲线图 Performance Curve of XBD-DL Pumps

性能曲线图 Performance Curve



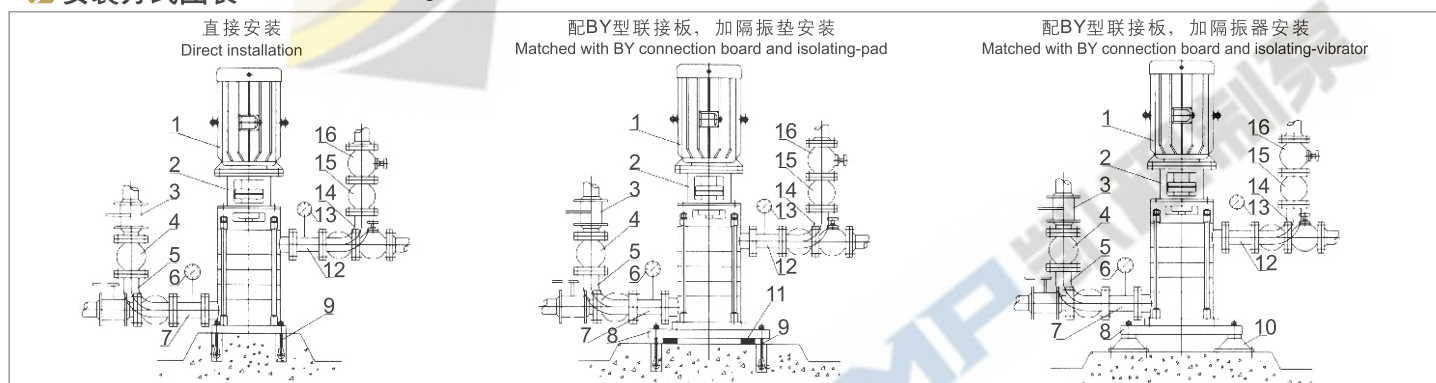
XBD-DL 型泵外形图表及安装方式图表 Outline Drawing, Table and Installation Drawing, Table of XBD-DL Pumps

外形尺寸图表 Outline Drawing and Table



Type 泵型号	外形尺寸 Outline Dimensions					进口法兰 Inlet Flange				出口法兰 Outlet Flange			
	L	h	B	b	n-d	DN	D1	D	n-d1	DN	D1	D	n-d1
XBD/5-50-DL	205	100	350	300	4-18	50	125	165	4-18	50	125	165	4-18
XBD/10-65-DL	260	110	400	350	4-23	65	145	185	4-18	50	125	165	4-18
XBD/15-80-DL	280	120	470	400	4-23	80	160	200	8-18	80	160	200	8-18
XBD/20-100-DL	300	130	470	410	4-23	100	180	220	8-18	80	160	200	8-18
XBD/25-100-DL													
XBD/30-100-DL													
XBD/35-125-DL	300	130	470	410	4-23	125	210	250	8-18	100	180	220	8-18
XBD/40-150-DL	300	145	470	400	4-23	150	240	285	8-23	125	210	250	8-18
XBD/45-150-DL													
XBD/75-200-DL	350	182	550	480	4-23	200	295	340	12-23	150	240	285	8-23
XBD/80-200-DL													

安装方式图表 Installation Drawing and Table



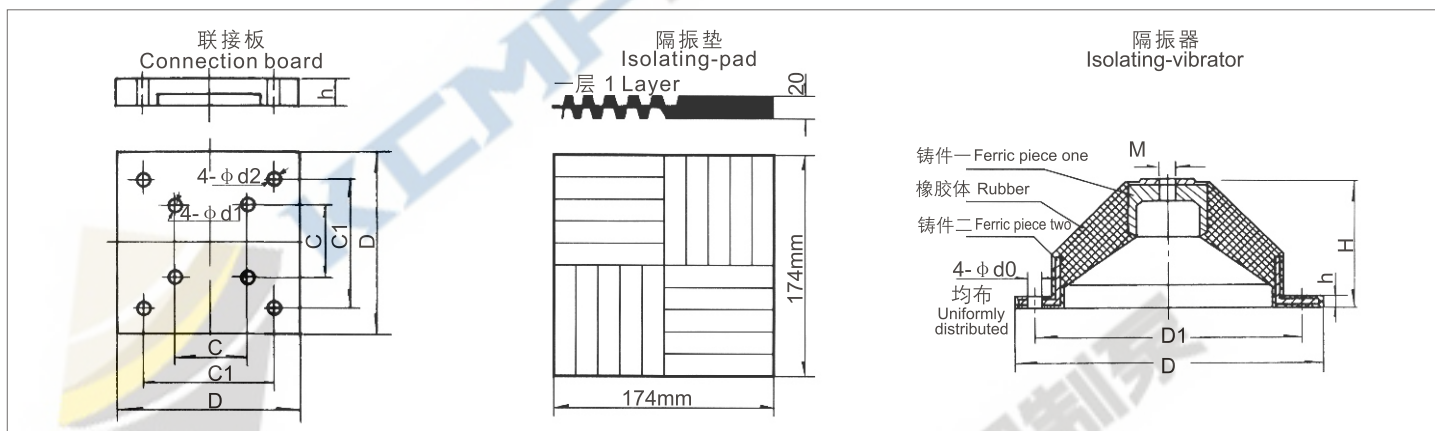
1	电机 Motor	5	进口弯管 Inlet Elbow Pipe	9	地脚螺栓 Anchor Bolt	13	出口压力表 Outlet Pressure Gauge
2	泵 Pump	6	进口压力表 Inlet Pressure Gauge	10	隔振器 Vibration Isolator	14	出口弯管 Outlet Elbow Pipe
3	进口阀门 Inlet valve	7	进口直管 Inlet Straight Pipe	11	隔振垫 Vibration Isolating Pad	15	出口挠性接头 Outlet Flexible Joint
4	进口挠性接头 Inlet Flexible Joint	8	BY型连接板 BY Connecting Plate	12	出口直管 Outlet Straight Pipe	16	出口阀门 Inlet valve

本型安装极为方便, 且占地面积小、外形美观大方、噪音低、效率高、出水段可在0°、90°、180°、270°四个方向上任意安装。

This type of pumps may be installed easily to feature small floor occupation, elegant profile, little noise and high efficiency. They can be freely installed by 0°, 90°, 180° or 270°.

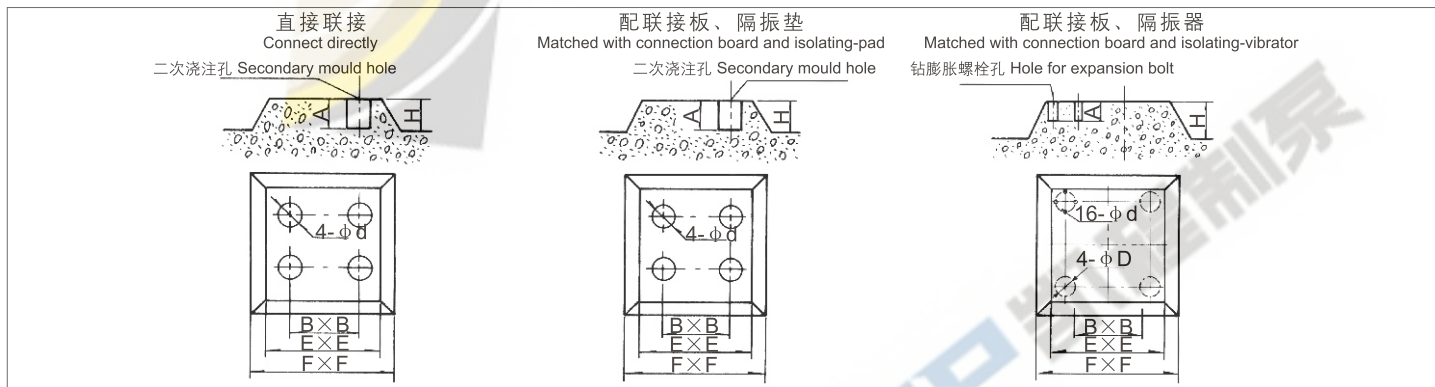
XBD-DL型泵附件尺寸图表及基础联接尺寸图表 Accessories Dimensions Drawing and Basic Connection Dimensions Drawing of XBD-DL Pumps

附件图及其尺寸 Accessories Drawing and Dimensions



Pump Caliber 泵口径	联接板尺寸 Dimension of connection board							隔振器尺寸 Dimension of isolating-vibrator						
	型号type	D	h	C	C1	$\phi d1$	$\phi d2$	型号type	M	D	D1	H	$4-\phi d0$	h
50	5#	600	55	300	540	$\phi 18$	$\phi 23$	JG2-2	M12	$\phi 150$	$\phi 130$	65	$4-\phi 8.5$	9
65	6#	800	55	350	740	$\phi 23$	$\phi 23$	JG3-1	M16	$\phi 200$	$\phi 170$	87	$4-\phi 12.5$	9
80	6#	800	55	400	740	$\phi 23$	$\phi 23$	JG3-1	M16	$\phi 200$	$\phi 170$	87	$4-\phi 12.5$	9
100	6#	800	55	410	740	$\phi 23$	$\phi 23$	JG3-2	M16	$\phi 200$	$\phi 170$	87	$4-\phi 12.5$	9
125	6#	800	55	410	740	$\phi 23$	$\phi 23$	JG3-2	M16	$\phi 200$	$\phi 170$	87	$4-\phi 12.5$	9
150	6#	800	55	400	740	$\phi 23$	$\phi 23$	JG4-1	M20	$\phi 290$	$\phi 260$	133	$4-\phi 12.5$	9
200	6#	800	55	480	740	$\phi 23$	$\phi 23$	JG4-1	M20	$\phi 290$	$\phi 260$	133	$4-\phi 12.5$	9

基础图及其联接尺寸 Drawing for Installation and Connection Dimensions Table



Pump Caliber 泵口径	直接安装基础尺寸 Direct installation foundation dimension						配联接板、隔振垫基础尺寸 Foundation dimension matched with connection board and isolating-pad						配联接板、隔振器基础尺寸 Foundation dimension matched with connection board and isolating-vibrator						Spec of isolating -vibrator 隔振器规格	
	H	A	B	E	F	d	H	A	B	E	F	d	H	A	B	E	F	D	d	
50	300	250	300	600	650	80	300	250	540	950	1050	80	200	60	540	950	1050	130	8.5	JG2-2
65	350	300	350	650	700	80	350	300	740	1000	1100	80	200	60	740	1000	1100	170	12.5	JG3-1
80	450	400	400	700	750	100	450	400	740	1000	1100	100	200	60	740	1000	1100	170	12.5	JG3-1
100	450	400	410	700	750	100	450	400	740	1000	1100	100	250	60	740	1000	1100	170	12.5	JG3-2
125	450	400	410	700	750	100	450	400	740	1000	1100	100	250	60	740	1000	1100	170	12.5	JG3-2
150	450	400	400	700	750	100	450	400	740	1000	1100	100	300	60	740	1000	1100	260	12.5	JG4-1
200	500	500	480	750	800	100	500	450	740	1000	1100	100	350	80	740	1000	1100	260	12.5	JG4-1

XBD-LG型泵性能参数表 Performance Parameters of XBD-LG Pumps

性能参数表 Performance Parameters

Type	流量 Q Capacity		Pressure (MPa)	 r/min speed	 % Efficiency	Power  kW		(NPSH)r (m)	重量 Weight	 H(mm) Height	 H1(mm) Height
泵型号	L/S	m³/h	压力	转速	效率	轴功率 Shaft power	配套功率 Equipped power	汽蚀余量	(kg)	高度	高度
XBD2/0.83-25×2-LG	0.67 0.83 1.31	2.4 3.0 4.7	0.208 0.20 0.154	2900	38 42 44	0.36 0.39 0.45	0.75	2	70	630	180
XBD3/0.83-25×3-LG	0.67 0.83 1.31	2.4 3.0 4.7	0.312 0.30 0.231	2900	38 42 44	0.54 0.58 0.67	1.1	2	74	670	220
XBD4/0.83-25×4-LG	0.67 0.83 1.31	2.4 3.0 4.7	0.416 0.40 0.308	2900	38 42 44	0.72 0.78 0.90	1.5	2	85	740	260
XBD5/0.83-25×5-LG	0.67 0.83 1.31	2.4 3.0 4.7	0.52 0.50 0.385	2900	38 42 44	0.89 0.97 1.12	1.5	2	89	780	300
XBD6/0.83-25×6-LG	0.67 0.83 1.31	2.4 3.0 4.7	0.624 0.60 0.462	2900	38 42 44	1.07 1.17 1.34	2.2	2	100	845	340
XBD7/0.83-25×7-LG	0.67 0.83 1.31	2.4 3.0 4.7	0.728 0.70 0.539	2900	38 42 44	1.25 1.36 1.57	2.2	2	104	885	380
XBD8/0.83-25×8-LG	0.67 0.83 1.31	2.4 3.0 4.7	0.832 0.80 0.616	2900	38 42 44	1.43 1.56 1.79	2.2	2	108	925	420
XBD9/0.83-25×9-LG	0.67 0.83 1.31	2.4 3.0 4.7	0.936 0.90 0.693	2900	38 42 44	1.61 1.75 2.02	2.2	2	112	965	460
XBD10/0.83-25×10-LG	0.67 0.83 1.31	2.4 3.0 4.7	1.04 1.00 0.77	2900	38 42 44	1.79 1.95 2.24	3	2	125	1040	500
XBD3/1.81-32×2-LG	1.25 1.81 2.64	4.5 6.5 9.5	0.326 0.30 0.23	2900	47 53 50	0.85 1.00 1.19	1.5	2.2 2.4 2.6	90	665	179
XBD4.5/1.81-32×3-LG	1.25 1.81 2.64	4.5 6.5 9.5	0.489 0.45 0.345	2900	47 53 50	1.28 1.50 1.79	2.2	2.2 2.4 2.6	100	740	229
XBD6/1.81-32×4-LG	1.25 1.81 2.64	4.5 6.5 9.5	0.655 0.60 0.46	2900	47 53 50	1.70 2.00 2.38	3.0	2.2 2.4 2.6	115	825	279
XBD7.5/1.81-32×5-LG	1.25 1.81 2.64	4.5 6.5 9.5	0.815 0.75 0.575	2900	47 53 50	2.13 2.50 2.98	4.0	2.2 2.4 2.6	135	895	329
XBD9/1.81-32×6-LG	1.25 1.81 2.64	4.5 6.5 9.5	0.978 0.90 0.69	2900	47 53 50	2.55 3.00 3.57	4.0	2.2 2.4 2.6	142	945	379
XBD10.5/1.81-32×7-LG	1.25 1.81 2.64	4.5 6.5 9.5	1.141 1.05 0.805	2900	47 53 50	2.98 3.50 4.17	5.5	2.2 2.4 2.6	175	1070	429
XBD12/1.81-32×8-LG	1.25 1.81 2.64	4.5 6.5 9.5	1.304 1.20 0.92	2900	47 53 50	3.40 4.00 4.76	5.5	2.2 2.4 2.6	182	1120	479
XBD13.5/1.81-32×9-LG	1.25 1.81 2.64	4.5 6.5 9.5	1.467 1.35 1.035	2900	47 53 50	3.83 4.50 5.36	5.5	2.2 2.4 2.6	189	1170	529
XBD15/1.81-32×10-LG	1.25 1.81 2.64	4.5 6.5 9.5	1.63 1.50 1.15	2900	47 53 50	4.28 5.00 5.95	7.5	2.2 2.4 2.6	196	1220	579
XBD3/3.33-40×2-LG	2.5 3.33 5.0	9 12 18	0.32 0.30 0.24	2900	55 60 63	1.43 1.63 1.87	2.2	2.2 2.4 2.6	90	710	199
XBD4.5/3.33-40×3-LG	2.5 3.33 5.0	9 12 18	0.48 0.45 0.36	2900	55 60 63	2.14 2.45 2.80	3.0	2.2 2.4 2.6	105	800	257
XBD6/3.33-40×4-LG	2.5 3.33 5.0	9 12 18	0.64 0.60 0.48	2900	55 60 63	2.85 3.27 3.73	4.0	2.2 2.4 2.6	130	880	315
XBD7.5/3.33-40×5-LG	2.5 3.33 5.0	9 12 18	0.80 0.75 0.60	2900	55 60 63	3.57 4.08 4.67	5.5	2.2 2.4 2.6	155	1015	373
XBD9/3.33-40×6-LG	2.5 3.33 5.0	9 12 18	0.96 0.90 0.72	2900	55 60 63	4.28 4.90 5.60	5.5	2.2 2.4 2.6	163	1075	431
XBD10.5/3.33-40×7-LG	2.5 3.33 5.0	9 12 18	1.12 1.05 0.84	2900	55 60 63	4.99 5.72 6.54	7.5	2.2 2.4 2.6	180	1130	489
XBD12/3.33-40×8-LG	2.5 3.33 5.0	9 12 18	1.28 1.20 0.96	2900	55 60 63	5.70 6.54 7.47	7.5	2.2 2.4 2.6	190	1190	547
XBD13.5/3.33-40×9-LG	2.5 3.33 5.0	9 12 18	1.44 1.35 1.08	2900	55 60 63	6.42 7.35 8.4	11	2.2 2.4 2.6	210	1395	605
XBD15/3.33-40×10-LG	2.5 3.33 5.0	9 12 18	1.60 1.50 1.20	2900	55 60 63	7.13 8.17 9.34	11	2.2 2.4 2.6	220	1455	663

XBD-LG型泵性能参数表 Performance Parameters of XBD-LG Pumps

性能参数表 Performance Parameters

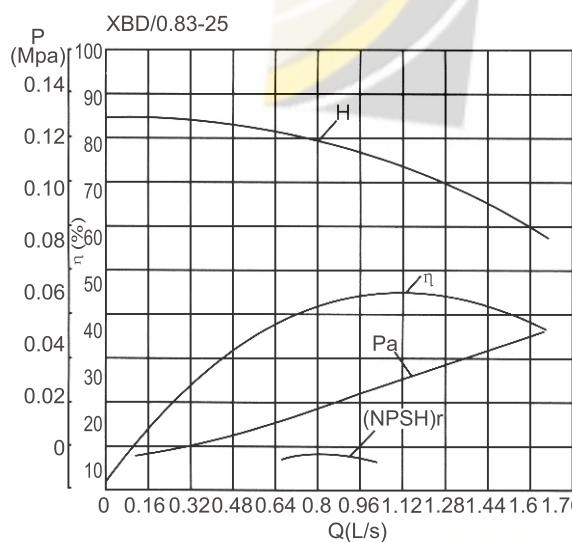
Type	流量 Q Capacity		Pressure (MPa)	r/min speed	Efficiency	Power		(NPSH) _r (m)	重量 Weight	H(mm) Height	H1(mm) Height
泵型号	L/S	m ³ /h	压力	转速	效率	轴功率 Shaft power	配套功率 Equipped power	汽蚀余量	(kg)	高度	高度
XBD4/6.67-50×2-LG	5.0 6.67 8.33	18 24 30	0.44 0.40 0.33	2950	67 69 64	3.22 3.79 4.21	5.5	2.85 3.15 3.40	160	865	216
XBD6/6.67-50×3-LG	5.0 6.67 8.33	18 24 30	0.66 0.60 0.495	2950	67 69 64	7.83 5.68 6.32	7.5	2.85 3.15 3.40	180	930	281
XBD8/6.67-50×4-LG	5.0 6.67 8.33	18 24 30	0.88 0.80 0.66	2950	67 69 64	6.44 7.58 8.43	11	2.85 3.15 3.40	250	1145	346
XBD10/6.67-50×5-LG	5.0 6.67 8.33	18 24 30	1.10 1.00 0.825	2950	67 69 64	8.05 9.47 10.53	11	2.85 3.15 3.40	260	1210	411
XBD12/6.67-50×6-LG	5.0 6.67 8.33	18 24 30	1.32 1.20 0.99	2950	67 69 64	9.66 11.37 12.64	15	2.85 3.15 3.40	280	1275	476
XBD14/6.67-50×7-LG	5.0 6.67 8.33	18 24 30	1.54 1.40 1.56	2950	67 69 64	11.27 13.26 14.74	15	2.85 3.15 3.40	290	1340	541
XBD16/6.67-50×8-LG	5.0 6.67 8.33	18 24 30	1.76 1.60 1.32	2950	67 69 64	12.88 15.16 16.85	18.5	2.85 3.15 3.40	310	1450	606
XBD4/10-65×2-LG	7.5 10.0 12.0	27 36 43.2	0.46 0.40 0.34	2950	70 72.5 67	4.78 5.41 5.97	7.5	2.6 3.4 4.2	170	905	249
XBD6/10-65×3-LG	7.5 10.0 12.0	27 36 43.2	0.68 0.60 0.51	2950	70 72.5 67	7.17 8.11 8.96	11	2.6 3.4 4.2	230	1120	314
XBD8/10-65×4-LG	7.5 10.0 12.0	27 36 43.2	0.91 0.80 0.68	2950	70 72.5 67	9.56 10.82 11.94	15	2.6 3.4 4.2	250	1185	379
XBD10/10-65×5-LG	7.5 10.0 12.0	27 36 43.2	1.14 1.00 0.85	2950	70 72.5 67	11.95 13.52 14.93	1.85	2.6 3.4 4.2	280	1295	444
XBD12/10-65×6-LG	7.5 10.0 12.0	27 36 43.2	1.37 1.20 1.02	2950	70 72.5 67	14.34 16.23 17.91	22	2.6 3.4 4.2	330	1390	509
XBD14/10-65×7-LG	7.5 10.0 12.0	27 36 43.2	1.59 1.40 1.19	2950	70 72.5 67	16.73 18.93 20.9	22	2.6 3.4 4.2	340	1455	574
XBD16/10-65×8-LG	7.5 10.0 12.0	27 36 43.2	1.82 1.60 1.36	2950	70 72.5 67	19.12 21.64 23.88	30	2.6 3.4 4.2	360	1615	639
XBD4/15-80×2-LG	11.1 13.9 19	40 50 68.4	0.44 0.40 0.32	2950	70 75 70	6.78 7.26 8.44	11	3.1 3.8 5.3	250	1715	301
XBD6/15-80×3-LG	11.1 13.9 19	40 50 68.4	0.65 0.60 0.48	2950	70 75 70	10.18 10.89 12.65	15	3.1 3.8 5.3	280	1195	379
XBD8/15-80×4-LG	11.1 13.9 19	40 50 68.4	0.87 0.80 0.63	2950	70 75 70	13.57 14.52 16.87	18.5	3.1 3.8 5.3	310	1315	457
XBD10/15-80×5-LG	11.1 13.9 19	40 50 68.4	1.09 1.00 0.79	2950	70 75 70	16.96 18.16 21.09	22	3.1 3.8 5.3	360	1425	535
XBD12/15-80×6-LG	11.1 13.9 19	40 50 68.4	1.31 1.20 0.95	2950	70 75 70	20.35 21.79 25.31	30	3.1 3.8 5.3	440	1600	613
XBD14/15-80×7-LG	11.1 13.9 19	40 50 68.4	1.53 1.40 1.12	2950	70 75 70	23.75 25.42 29.8	30	3.1 3.8 5.3	460	1675	691
XBD16/15-80×8-LG	11.1 13.9 19	40 50 68.4	1.75 1.60 1.29	2950	70 75 70	27.14 29.05 34.27	37	3.1 3.8 5.3	490	1755	769

XBD-LG型泵性能参数表及性能曲线图 Performance Parameters and Performance Curve of XBD-LG Pumps

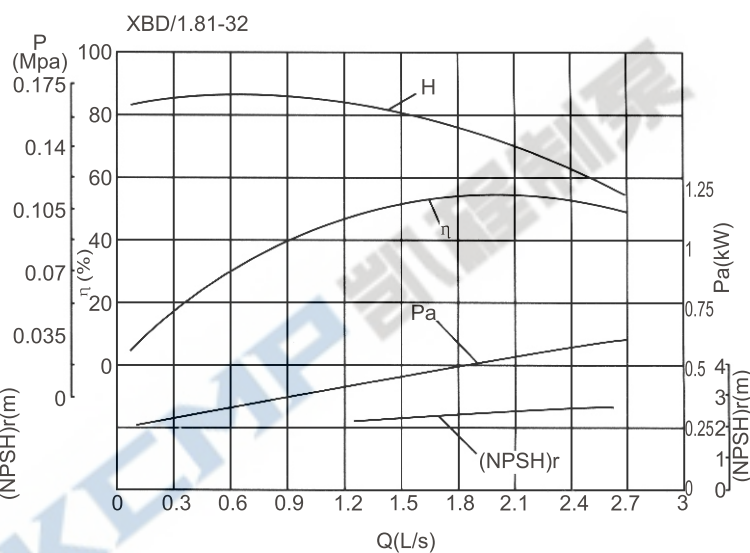
性能参数表 Performance Parameters

Type	流量 Q Capacity		Pressure (MPa)	 r/min speed	 % Efficiency	Power  kW		(NPSH)r (m)	重量 Weight	 H(mm) Height	 H1(mm) Height
泵型号	L/S	m ³ /h	压力	转速	效率	轴功率 Shaft power	配套功率 Equipped power	汽蚀余量	(kg)	高度	高度
XBD4/20-100×2-LG	15 20 25	54 72 90	0.49 0.40 0.38	2950	70.6 73.3 68	10.3 10.9 11.4	15	3.1 3.5 3.8	260	1145	331
XBD6/20-100×3-LG	15 20 25	54 72 90	0.74 0.60 0.47	2950	70.6 73.3 68	15.4 16.37 17.08	18.5	3.1 3.5 3.8	290	1275	416
XBD8/20-100×4-LG	15 20 25	54 72 90	0.99 0.80 0.63	2950	70.6 73.3 68	20.6 21.8 22.8	30	3.1 3.5 3.8	380	1390	501
XBD10/20-100×5-LG	15 20 25	54 72 90	1.24 1.00 0.79	2950	70.6 73.3 68	25.7 27.3 28.5	30	3.1 3.5 3.8	450	1570	593
XBD12/20-100×6-LG	15 20 25	54 72 90	1.48 1.20 0.95	2950	70.6 73.3 68	30.8 32.7 34.2	37	3.1 3.5 3.8	470	1655	678
XBD14/20-100×7-LG	15 20 25	54 72 90	1.73 1.40 1.10	2950	70.6 73.3 68	36 39 40.7	45	3.1 3.5 3.8	520	1800	763
XBD16/20-100×8-LG	15 20 25	54 72 90	1.98 1.60 1.26	2950	70.6 73.3 68	41.2 43.7 45.6	55	3.1 3.5 3.8	540	1885	848

性能曲线图 Performance Curve



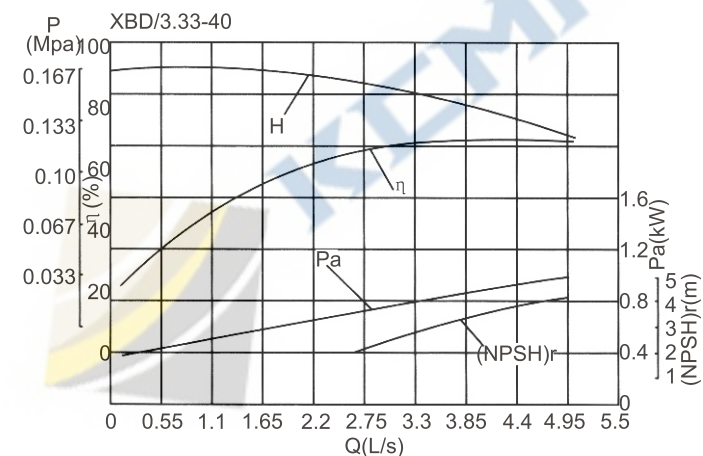
泵性能曲线(n=2900r/min)



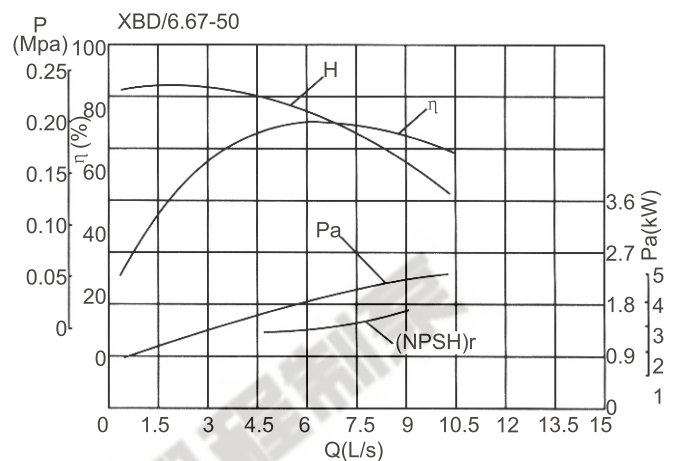
泵性能曲线(n=2900r/min)

XBD-LG型泵性能曲线图 Performance Curve of XBD-LG Pumps

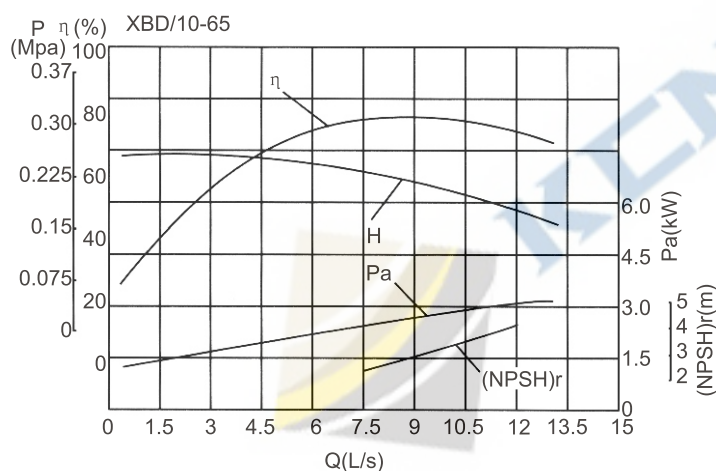
性能曲线图 Performance Curve



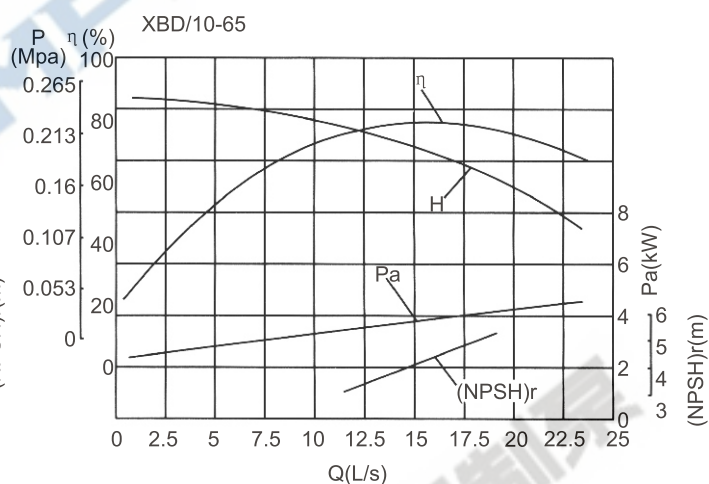
泵性能曲线(n=2900r/min)



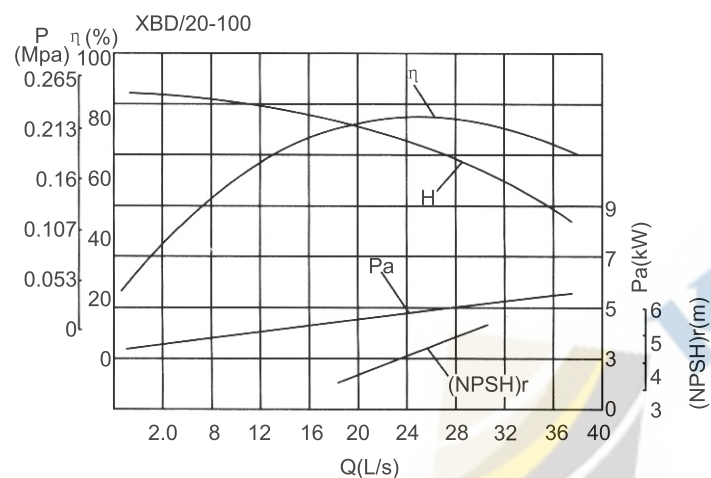
泵性能曲线(n=2900r/min)



泵性能曲线(n=2900r/min)



泵性能曲线(n=2900r/min)

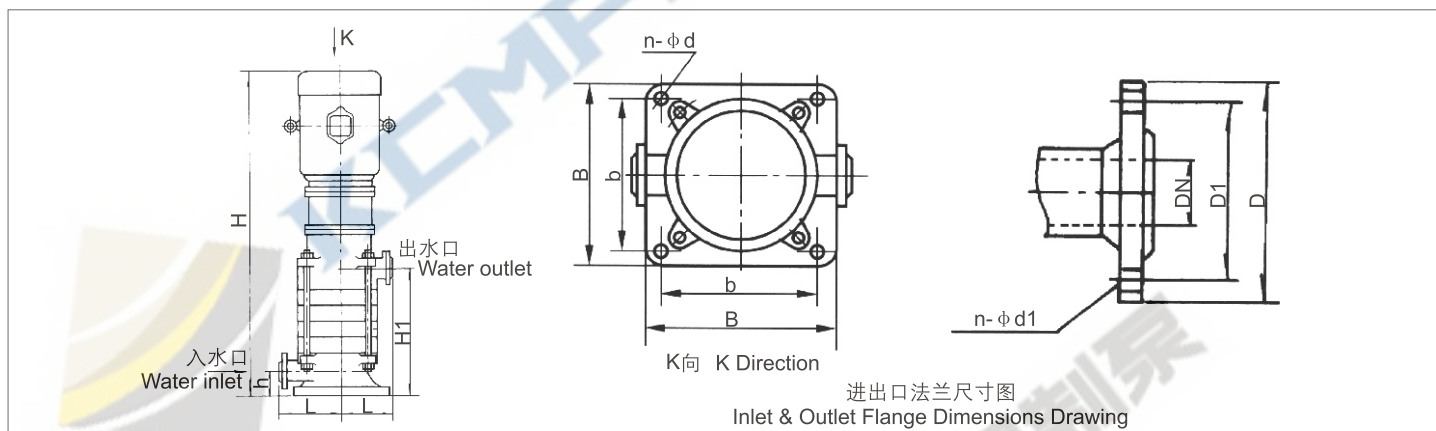


泵性能曲线(n=2900r/min)

XBD-LG型泵外形尺寸图表及安装方式图表

Overall Dimensions Drawing and Installation
Mode Drawing of XBD-LG Pumps

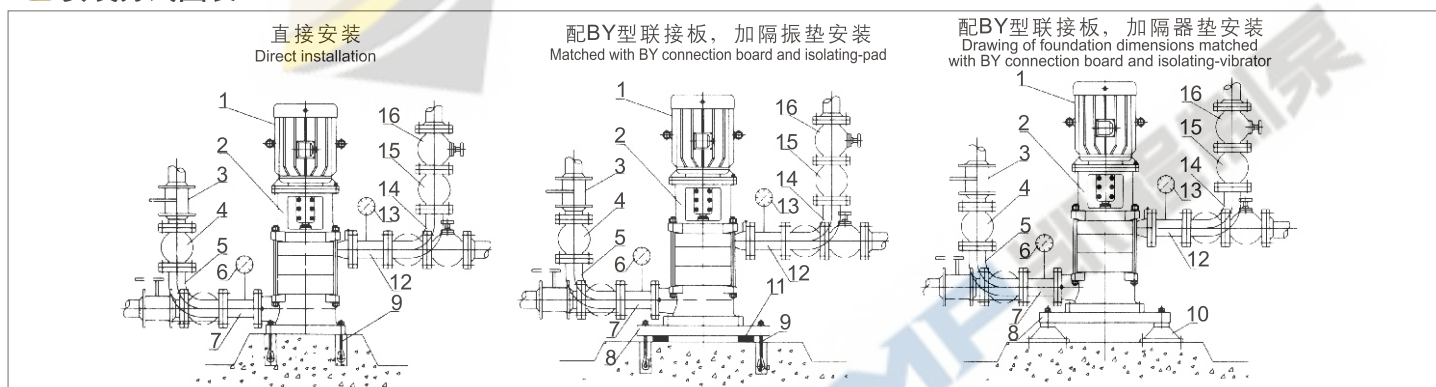
外形尺寸图表 Overall Dimensions Drawing



Type 泵型号	外形尺寸 Outline Dimensions					进口法兰 Inlet Flange				出口法兰 Outlet Flange			
	L	h	B	b	n-d	DN	D1	D	n-d1	DN	D1	D	n-d1
XBD-25-LG	130	85	230	190	4-φ18	φ25	φ85	φ115	4-M12	φ25	φ85	φ115	4-φ14
XBD-32-LG	145	63	260	220	4-φ18	φ32	φ100	φ140	4-M16	φ32	φ100	φ140	4-φ18
XBD-40-LG	145	70	260	220	4-φ18	φ40	φ110	φ150	4-M16	φ40	φ110	φ150	4-φ18
XBD-50-LG	180	80	300	248	4-φ18	φ50	φ125	φ165	4-M16	φ50	φ125	φ165	4-φ18
XBD-65-LG	180	90	300	248	4-φ23	φ65	φ145	φ185	4-M16	φ65	φ145	φ185	4-φ18
XBD-80-LG	187	112	315	272	4-φ23	φ80	φ160	φ200	8-M16	φ80	φ160	φ200	8-φ18
XBD-100-LG	187	122	315	272	4-φ23	φ100	φ180	φ220	8-M16	φ100	φ180	φ220	8-φ18

注：尺寸H、H1见性能表 Note: refer to performance table for H and H1.

安装方式图表 Installation Drawing and Table



1	电机 Motor	5	进口弯管 Inlet Elbow Pipe	9	地脚螺栓 Anchor Bolt	13	出口压力表 Outlet Pressure Gauge
2	泵 Pump	6	进口压力表 Inlet Pressure Gauge	10	隔振器 Vibration Isolator	14	出口弯管 Outlet Elbow Pipe
3	进口阀门 Inlet valve	7	进口直管 Inlet Straight Pipe	11	隔振垫 Vibration Isolating Pad	15	出口挠性接头 Outlet Flexible Joint
4	进口挠性接头 Inlet Flexible Joint	8	BY型连接板 BY Connecting Plate	12	出口直管 Outlet Straight Pipe	16	出口阀门 Inlet valve

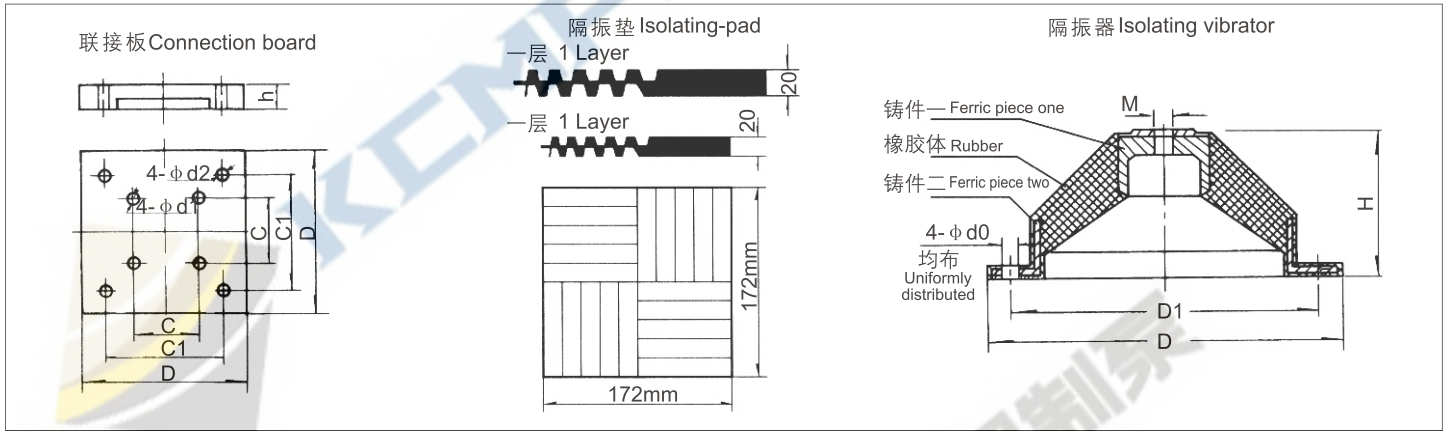
本型安装极为方便,且占地面积小、外形美观大方、噪音低、效率高、出水段可在0°、90°、180°、270°四个方向上任意安装。

This type of pumps may be installed easily to feature small floor occupation, elegant profile, little noise and high efficiency. They can be freely installed by 0°, 90°, 180° or 270°.

XBD-LG型泵附件图及其尺寸、基础及其联接尺寸

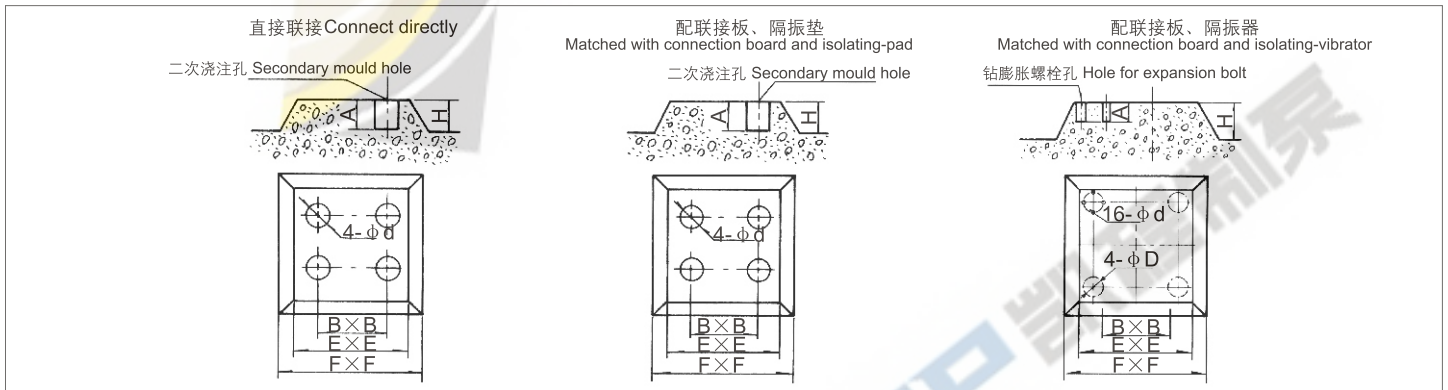
The Accessories Drawing and Dimensions, Basic and Connection Dimensions of XBD-LG Pumps

附件图及其尺寸 Accessories Drawing and Dimensions



Pump Caliber 泵口径	联接板尺寸 Dimension of connection board							隔振器尺寸 Dimensions of isolating vibrator					
	型号Type	D	h	C	C1	φd1	φd2	型号type	M	D	D1	H	4-φd0
25	2#	400	55	190	340	φ 18	φ 23	JG2-1	M12	φ 150	φ 130	65	4-φ 8.5
32	3#	500	55	220	440	φ 18	φ 23	JG2-1	M12	φ 150	φ 130	65	4-φ 8.5
40	3#	500	55	220	440	φ 23	φ 23	JG2-1	M12	φ 150	φ 130	65	4-φ 8.5
50	4#	600	55	248	540	φ 23	φ 23	JG2-2	M12	φ 150	φ 130	65	4-φ 8.5
65	4#	600	55	248	540	φ 23	φ 23	JG2-2	M12	φ 150	φ 130	65	4-φ 8.5
80	4#	600	55	272	540	φ 23	φ 23	JG2-2	M12	φ 150	φ 130	65	4-φ 8.5
100	4#	600	55	272	540	φ 23	φ 23	JG2-2	M12	φ 150	φ 130	65	4-φ 8.5

基础图及其联接尺寸 Installation Drawing and Connection Dimensions

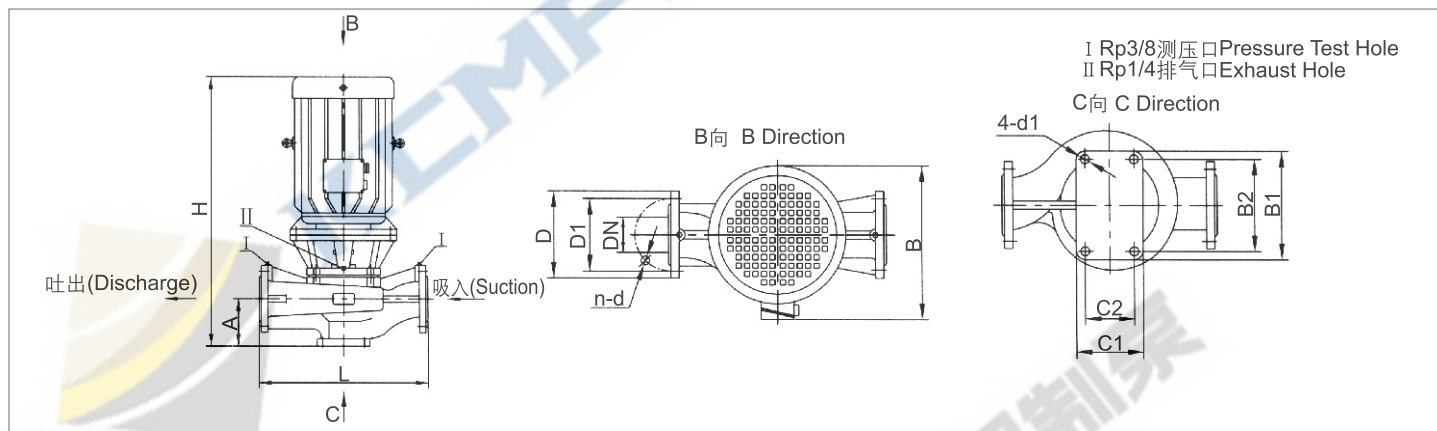


Pump Caliber 泵口径	直接安装基础尺寸 Direct installation foundation dimension						Pump Caliber 泵口径	配联接板、隔振垫基础尺寸 Foundation dimension matched with connection board and isolating-pad						Type of connection board 联接板 型号	Pump Caliber 泵口径	配联接板、隔振器基础尺寸 Foundation dimension matched with connection board and isolating-vibrator								Type of connection board 联接板 型号	Spec of isolating -vibrator 隔振器 规格
	H	A	B	E	F	d		H	A	B	E	F	d			H	A	B	E	F	D	d			
φ 25	300	250	190	500	550	φ 80	φ 25	200	150	340	650	700	φ 60	2#	φ 25	200	60	340	650	700	φ 130	φ 8.5	2#	JG2-1	
φ 32	300	250	220	500	550	φ 80	φ 32	200	150	440	750	800	φ 60	3#	φ 32	200	60	440	750	800	φ 130	φ 8.5	3#	JG2-1	
φ 40	300	250	220	500	550	φ 80	φ 40	250	200	440	750	800	φ 80	3#	φ 40	250	60	440	750	800	φ 130	φ 8.5	3#	JG2-1	
φ 50	300	250	248	550	600	φ 80	φ 50	250	200	540	850	950	φ 80	4#	φ 50	250	60	540	850	950	φ 130	φ 8.5	4#	JG2-2	
φ 65	300	250	248	550	600	φ 80	φ 65	250	200	540	850	950	φ 80	4#	φ 65	250	60	540	850	950	φ 130	φ 8.5	4#	JG2-2	
φ 80	300	250	272	600	650	φ 80	φ 80	300	250	540	850	950	φ 80	4#	φ 80	300	60	540	850	950	φ 130	φ 8.5	4#	JG2-2	
φ 100	300	250	272	600	650	φ 80	φ 100	300	250	540	850	950	φ 80	4#	φ 100	300	60	540	850	950	φ 130	φ 8.5	4#	JG2-2	

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表

Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸
Inlet & Outlet Flange Dimensions

DN	D	D1	n-d
φ 65	φ 185	φ 145	4-φ 18
φ 80	φ 200	φ 160	8-φ 18

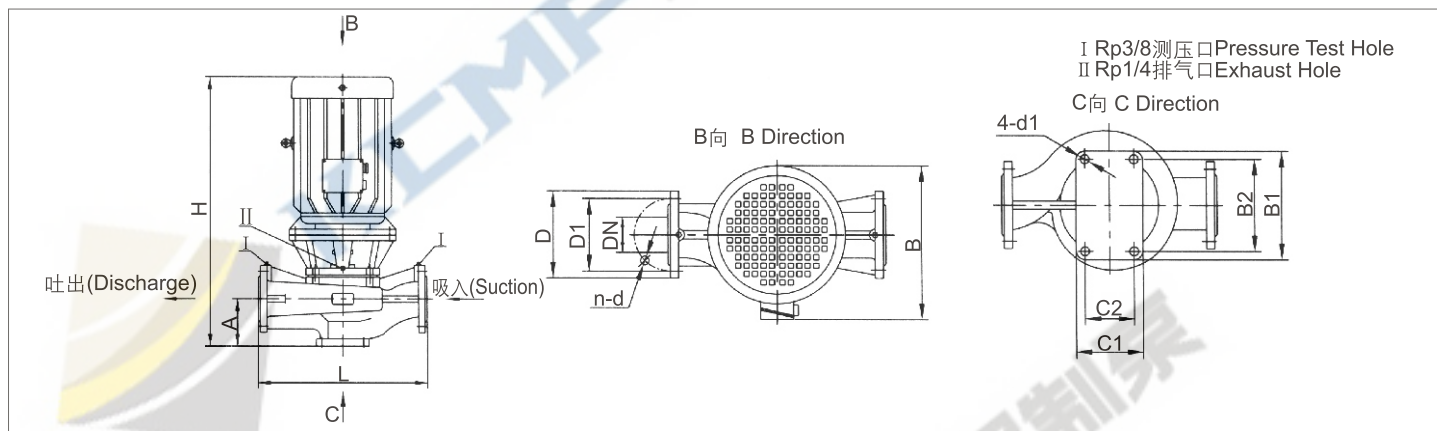
性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type	 (L/S) Capacity	 (MPa)	 % Efficiency	 kW Power	 r/min speed	(NPSH) _r (m)	外形及安装尺寸 Outline and Installation Dimensions							 (垫) Isolating vibrator	Weight (kg)
泵型号	流量	压力	效率	电机功率	转速	汽蚀余量	L	B	H	A	C1×B1	C2×B2	4-d1	规格Spec	重量
2.1/5-65-125-ISG	3.5 5 7	0.23 0.21 0.20	60 68 67	3	2900	2.5	340	280	550	100	140×200	100×160	4-φ 18	SD61-0.5	58
1.7/5-65-125A-ISG	3.5 5 7	0.19 0.17 0.15	58 66 65	2.2	2900	2.5	340	280	515	100	140×200	100×160	4-φ 18	SD61-0.5	49
3.4/5-65-160-ISG	3.5 5 7	0.36 0.34 0.32	54 63 60	4	2900	2.5	360	305	570	100	140×200	100×160	4-φ 18	SD61-0.5	75
2.9/5-65-160A-ISG	3.5 5 7	0.32 0.29 0.26	54 62 59	4	2900	2.5	360	305	570	100	140×200	100×160	4-φ 18	SD61-0.5	75
2.5/5-65-160B-ISG	3.5 5 7	0.28 0.25 0.22	52 58 57	3	2900	2.5	360	305	550	100	140×200	100×160	4-φ 18	SD61-0.5	63
5.2/5-65-200-ISG	3.5 5 7	0.55 0.52 0.50	49 58 59	7.5	2900	2.5	380	350	635	100	140×200	100×160	4-φ 18	SD61-0.5	107
4.5/5-65-200A-ISG	3.5 5 7	0.48 0.45 0.42	48 57 58	7.5	2900	2.5	380	350	635	100	140×200	100×160	4-φ 18	SD61-0.5	107
3.9/5-65-200B-ISG	3.5 5 7	0.42 0.39 0.36	47 55 54	5.5	2900	2.5	380	350	635	100	140×200	100×160	4-φ 18	SD61-0.5	100
8.2/5-65-250-ISG	3.5 5 7	0.85 0.82 0.80	39 50 52	15	2900	2.5	480	435	785	115	160×220	120×180	4-φ 18	JG2-1	180
7.1/5-65-250A-ISG	3.5 5 7	0.74 0.71 0.69	39 50 52	11	2900	2.5	480	435	785	115	160×220	120×180	4-φ 18	JG2-1	170
6.0/5-65-250B-ISG	3.5 5 7	0.63 0.60 0.58	38 49 54	11	2900	2.5	480	435	785	115	160×220	120×180	4-φ 18	JG2-1	170
12.7/5-65-315-ISG	3.5 5 7	1.30 1.27 1.25	32 40 44	30	2900	2.5	550	510	920	110	190×280	150×240	4-φ 18	JG2-2	320
11.4/5-65-315A-ISG	3.5 5 7	1.17 1.14 1.12	32 40 44	22	2900	2.5	550	470	855	110	190×280	150×240	4-φ 18	JG2-2	255
10.2/5-65-315B-ISG	3.5 5 7	1.05 1.02 1.00	35 39 38	18.5	2900	2.5	550	435	830	110	190×280	150×240	4-φ 18	JG2-2	225
8.5/5-65-315C-ISG	3.5 5 7	0.87 0.85 0.84	32 38 38	15	2900	2.5	550	435	785	110	190×280	150×240	4-φ 18	JG2-2	205
2.2/10-80-125-ISG	7 10 14	0.25 0.22 0.20	67 72.5 70	5.5	2900	3.0	400	360	660	120	140×200	100×160	4-φ 18	SD61-0.5	99
1.7/10-80-125A-ISG	7 10 14	0.20 0.17 0.15	66 71 69	4	2900	3.0	400	315	595	120	140×200	100×160	4-φ 18	SD61-0.5	79

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表

Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸
Inlet & Outlet Flange Dimensions

DN	D	D1	n-d
φ 80	φ 200	φ 160	8- φ 18

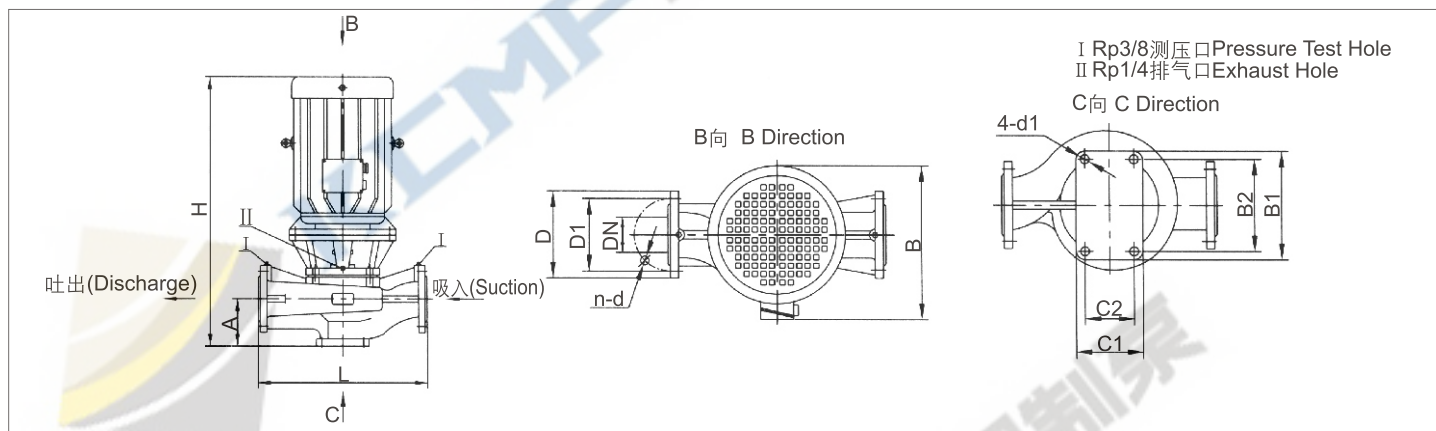
性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type 泵型号	Q (L/S) 流量	Pressure (MPa) 压力	Efficiency (%) 效率	Power kW 电机功率	r/min 转速	(NPSH) (m) 汽蚀余量	外形及安装尺寸 Outline and Installation Dimensions							隔振器(垫) Isolating vibrator(pad) 规格Spec	Weight (kg) 重量
	L	B	H	A	C1×B1	C2×B2	4-d1								
3.2/10-80-160-ISG	7 10 14	0.35 0.32 0.30	63 71 70	7.5	2900	3.0	400	360	660	120	140×200	100×160	4-φ 18	SD61-0.5	105
2.9/10-80-160A-ISG	7 10 14	0.32 0.29 0.26	62 70 69	7.5	2900	3.0	400	360	660	120	140×200	100×160	4-φ 18	SD61-0.5	105
2.5/10-80-160B-ISG	7 10 14	0.28 0.25 0.22	62 69 68	5.5	2900	3.0	400	315	660	120	140×200	100×160	4-φ 18	SD61-0.5	98
5.3/10-80-200-ISG	7 10 14	0.57 0.53 0.50	55 67 68	15	2900	3.0	430	430	795	125	140×200	100×160	4-φ 18	JG2-1	175
4.6/10-80-200A-ISG	7 10 14	0.50 0.46 0.43	54 66 67	11	2900	3.0	430	430	795	125	140×200	100×160	4-φ 18	JG2-1	165
3.9/10-80-200B-ISG	7 10 14	0.42 0.39 0.36	60 65 63	7.5	2900	3.0	430	360	665	125	140×200	100×160	4-φ 18	JG2-1	115
8.3/10-80-250-ISG	7 10 14	0.86 0.83 0.80	52 59 60	22	2900	3.0	480	465	870	125	160×220	120×180	4-φ 18	JG2-2	240
7.1/10-80-250A-ISG	7 10 14	0.74 0.71 0.67	52 59 60	18.5	2900	3.0	480	430	850	125	160×220	120×180	4-φ 18	JG2-2	210
6.1/10-80-250B-ISG	7 10 14	0.64 0.61 0.56	50 58 56	15	2900	3.0	480	430	805	125	160×220	120×180	4-φ 18	JG2-2	185
12.7/10-80-315-ISG	7 10 14	1.30 1.27 1.25	44 54 57	37	2900	3.0	600	530	1000	140	190×280	150×240	4-φ 18	JG3-1	355
11.2/10-80-315A-ISG	7 10 14	1.15 1.12 1.08	43 54 57	30	2900	3.0	600	530	1000	140	190×280	150×240	4-φ 18	JG3-1	340
10.1/10-80-315B-ISG	7 10 14	1.04 1.01 0.99	48 53 51	30	2900	3.0	600	530	1000	140	190×280	150×240	4-φ 18	JG3-1	340
8.6/10-80-315C-ISG	7 10 14	0.89 0.86 0.83	45 51 50	22	2900	3.0	600	470	885	140	190×280	150×240	4-φ 18	JG3-1	275
15.5/10-80-350-ISG	7 10 14	1.59 1.55 1.50	55 66 67	55	2900	3.0	630	610	1100	130	210×270	160×220	4-φ 18	JG3-1	570
14.5/10-80-350A-ISG	7 10 14	1.50 1.45 1.39	60 65 63	45	2900	3.0	630	575	1015	130	210×270	160×220	4-φ 18	JG3-1	470
13.6/10-80-350B-ISG	7 10 14	1.42 1.36 1.28	60 63 62	37	2900	3.0	630	545	975	130	210×270	160×220	4-φ 18	JG3-1	440
1.9/15-80-125-ISG	10 15 17	0.22 0.19 0.17	67 72.5 70	5.5	2900	3.0	400	360	660	120	140×200	100×160	4-φ 18	SD61-0.5	99

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表

Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸
Inlet & Outlet Flange Dimensions

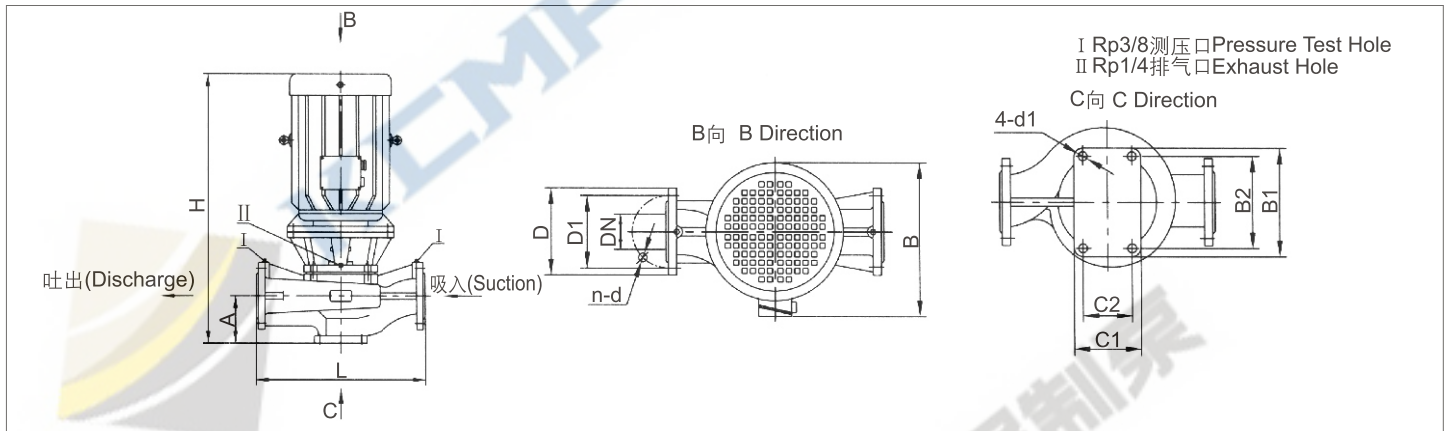
DN	D	D1	n-d
φ 80	φ 200	φ 160	8-φ 18

性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type 泵型号	Q (L/S) 流量	Pressure (MPa) 压力	Efficiency (%) 效率	Power kW 电机功率	r/min 转速	(NPSH) _r (m) 汽蚀余量	外形及安装尺寸 Outline and Installation Dimensions							隔振器(垫) Isolating vibrator(pad) 规格Spec	Weight (kg) 重量
							L	B	H	A	C1×B1	C2×B2	4-d1		
1.4/15-80-125A-ISG	10 15 17	0.17 0.14 0.12	66 71 69	4	2900	3.0	400	315	595	120	140×200	100×160	4-φ 18	SD61-0.5	79
3/15-80-160-ISG	10 15 17	0.35 0.30 0.28	63 71 70	7.5	2900	3.0	400	360	660	120	140×200	100×160	4-φ 18	SD61-0.5	105
2.6/15-80-160A-ISG	10 15 17	0.29 0.26 0.24	62 70 69	7.5	2900	3.0	400	360	660	120	140×200	100×160	4-φ 18	SD61-0.5	105
2.1/15-80-160B-ISG	10 15 17	0.25 0.21 0.18	62 69 68	5.5	2900	3.0	400	315	660	120	140×200	100×160	4-φ 18	SD61-0.5	98
4.9/15-80-200-ISG	10 15 17	0.53 0.49 0.47	55 67 68	15	2900	3.0	430	430	795	125	140×200	100×160	4-φ 18	JG2-1	175
4.2/15-80-200A-ISG	10 15 17	0.46 0.42 0.40	54 66 67	11	2900	3.0	430	430	795	125	140×200	100×160	4-φ 18	JG2-1	165
3.5/15-80-200B-ISG	10 15 17	0.39 0.35 0.32	60 65 63	7.5	2900	3.0	430	360	665	125	140×200	100×160	4-φ 18	JG2-1	115
7.9/15-80-250-ISG	10 15 17	0.83 0.79 0.73	52 59 60	22	2900	3.0	480	465	870	125	160×220	120×180	4-φ 18	JG2-2	240
6.6/15-80-250A-ISG	10 15 17	0.71 0.66 0.63	52 59 60	18.5	2900	3.0	480	430	850	125	160×220	120×180	4-φ 18	JG2-2	210
5.5/15-80-250B-ISG	10 15 17	0.61 0.55 0.52	50 58 56	15	2900	3.0	480	430	805	125	160×220	120×180	4-φ 18	JG2-2	185
12.4/15-80-315-ISG	10 15 17	1.27 1.24 1.22	44 54 57	37	2900	3.0	600	530	1000	140	190×280	150×240	4-φ 18	JG3-1	355
10.8/15-80-315A-ISG	10 15 17	1.12 1.08 1.06	43 54 57	30	2900	3.0	600	530	1000	140	190×280	150×240	4-φ 18	JG3-1	340
9.8/18-80-315B-ISG	10 15 17	1.01 0.98 0.95	48 53 51	30	2900	3.0	600	530	1000	140	190×280	150×240	4-φ 18	JG3-1	340
8.3/15-80-315C-ISG	10 15 17	0.86 0.83 0.80	45 51 50	22	2900	3.0	600	470	885	140	190×280	150×240	4-φ 18	JG3-1	275
14.8/15-80-350-ISG	10 15 17	1.55 1.48 1.42	55 66 67	55	2900	3.0	630	610	1100	130	210×270	160×220	4-φ 18	JG3-1	570
13.8/15-80-350A-ISG	10 15 17	1.45 1.38 1.32	60 65 63	45	2900	3.0	630	575	1015	130	210×270	160×220	4-φ 18	JG3-1	470
12.7/15-80-350B-ISG	10 15 17	1.36 1.27 1.20	60 63 62	37	2900	3.0	630	545	975	130	210×270	160×220	4-φ 18	JG3-1	440

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表 Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸
Inlet & Outlet Flange Dimensions

DN	D	D1	n-d
φ 100	φ 220	φ 180	8-φ 18

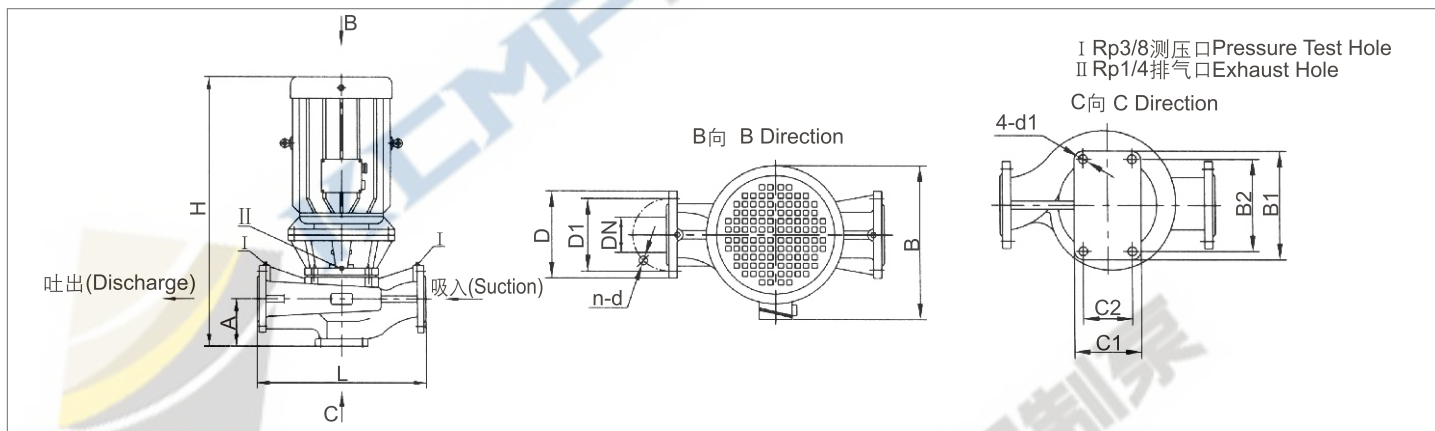
性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type 泵型号	Q (L/S) 流量	Pressure (MPa) 压力	Efficiency (%) 效率	Power kW 电机功率	r/min 转速	(NPSH) _r (m) 汽蚀余量	外形及安装尺寸 Outline and Installation Dimensions							隔振器(垫) Isolating vibrator(pad) 规格Spec	Weight (kg) 重量
L	B	H	A	C1×B1	C2×B2	4-d1									
2.3/20-100-125-ISG	15 20 25	0.26 0.23 0.21	70 76 65	11	2900	4.5	440	430	805	130	160×220	120×180	4-φ 18	JG2-1	169
1.8/20-100-125A-ISG	15 20 25	0.21 0.18 0.16	68 74 63	7.5	2900	4.5	440	350	675	130	160×220	120×180	4-φ 18	JG2-1	118
3.6/20-100-160-ISG	15 20 25	0.40 0.36 0.33	70 76 65	15	2900	4.5	500	430	835	140	160×220	120×180	4-φ 18	JG2-1	191
3.0/20-100-160A-ISG	15 20 25	0.34 0.30 0.28	68 74 67	11	2900	4.5	500	430	835	140	160×220	120×180	4-φ 18	JG2-1	181
2.5/20-100-160B-ISG	15 20 25	0.29 0.25 0.20	66 72 70	11	2900	4.5	500	430	835	140	160×220	120×180	4-φ 18	JG2-1	181
5.3/20-100-200-ISG	15 20 25	0.56 0.53 0.51	65 74 73	22	2900	4.0	480	475	880	140	160×220	120×180	4-φ 18	JG2-2	245
4.6/20-100-200A-ISG	15 20 25	0.50 0.46 0.44	64 73 72	18.5	2900	4.0	480	430	860	140	160×220	120×180	4-φ 18	JG2-2	215
3.9/20-100-200B-ISG	15 20 25	0.42 0.39 0.35	65 71 70	15	2900	4.0	480	430	815	140	160×220	120×180	4-φ 18	JG2-2	193
8.6/20-100-250-ISG	15 20 25	0.90 0.86 0.82	62 69 68	37	2900	4.0	550	520	1015	140	160×220	120×180	4-φ 18	JG2-2	345
7.4/20-100-250A-ISG	15 20 25	0.79 0.74 0.70	61 68 67	30	2900	4.0	550	520	1015	140	160×220	120×180	4-φ 18	JG2-2	330
6.2/20-100-250B-ISG	15 20 25	0.67 0.62 0.59	60 66 64	30	2900	4.0	550	520	1015	140	160×220	120×180	4-φ 18	JG2-2	330
13.1/20-100-315-ISG	15 20 25	1.35 1.31 1.26	55 66 67	75	2900	4.0	640	700	1235	160	260×310	210×260	4-φ 22	JG3-1	689
11.7/20-100-315A-ISG	15 20 25	1.20 1.17 1.13	65 66 67	55	2900	4.0	640	640	1165	160	260×310	210×260	4-φ 22	JG3-1	549
10.4/20-100-315B-ISG	15 20 25	1.08 1.04 1.01	60 65 63	45	2900	4.0	640	580	1080	160	260×310	210×260	4-φ 22	JG3-1	439
8.7/20-100-315C-ISG	15 20 25	0.91 0.87 0.78	58 63 60	37	2900	4.0	640	520	1040	160	260×310	210×260	4-φ 22	JG3-1	385
15.2/20-100-350-ISG	15 20 25	1.56 1.52 1.50	72 77 74	90	2900	4.0	680	630	1310	175	260×310	210×260	4-φ 22	JG3-1	950
14.4/20-100-350A-ISG	15 20 25	1.47 1.44 1.38	70 75 72	75	2900	4.0	680	630	1260	175	260×310	210×260	4-φ 22	JG3-1	830

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表

Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸
Inlet & Outlet Flange Dimensions

DN	D	D1	n-d
φ 100	φ 220	φ 180	8- φ 18

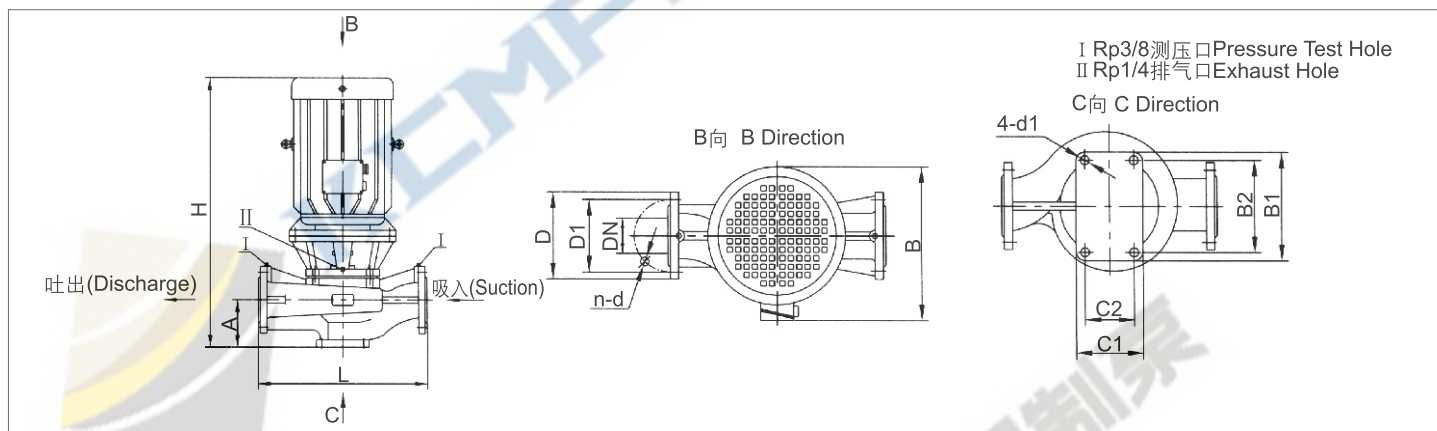
性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type 泵型号	Q (L/S) 流量	Pressure (MPa) 压力	Efficiency (%) 效率	Power kW 电机功率	r/min speed 转速	(NPSH) _r (m) 汽蚀余量	外形及安装尺寸 Outline and Installation Dimensions							隔振器(垫) isolating vibrator(pad) 规格Spec	Weight (kg) 重量
							L	B	H	A	C1×B1	C2×B2	4-d1		
13.6/20-100-350B-ISG	15 20 25	1.39 1.36 1.30	68 75 72	55	2900	4.0	680	605	1190	175	260×310	210×260	4-φ 22	JG3-1	600
2.1/25-100-125-ISG	20 25 30	0.23 0.21 0.20	70 76 65	11	2900	4.5	440	430	805	130	160×220	120×180	4-φ 18	JG2-1	169
1.6/25-100-125A-ISG	20 25 30	0.18 0.16 0.12	68 74 63	7.5	2900	4.5	440	350	675	130	160×220	120×180	4-φ 18	JG2-1	118
3.3/25-100-160-ISG	20 25 30	0.36 0.33 0.30	70 76 65	15	2900	4.5	500	430	835	140	160×220	120×180	4-φ 18	JG2-1	191
2.8/25-100-160A-ISG	20 25 30	0.30 0.28 0.23	68 74 67	11	2900	4.5	500	430	835	140	160×220	120×180	4-φ 18	JG2-1	181
2.0/25-100-160B-ISG	20 25 30	0.25 0.20 0.18	66 72 70	11	2900	4.5	500	430	835	140	160×220	120×180	4-φ 18	JG2-1	181
5.1/25-100-200-ISG	20 25 30	0.53 0.51 0.49	65 74 73	22	2900	4.0	480	475	880	140	160×220	120×180	4-φ 18	JG2-2	245
4.4/25-100-200A-ISG	20 25 30	0.46 0.44 0.38	64 73 72	18.5	2900	4.0	480	430	860	140	160×220	120×180	4-φ 18	JG2-2	245
3.5/25-100-200B-ISG	20 25 30	0.39 0.35 0.32	65 71 70	15	2900	4.0	480	430	815	140	160×220	120×180	4-φ 18	JG2-2	193
8.2/25-100-250-ISG	20 25 30	0.86 0.82 0.79	62 69 68	37	2900	4.0	550	520	1015	140	160×220	120×180	4-φ 18	JG2-2	345
7.0/25-100-250A-ISG	20 25 30	0.74 0.70 0.61	61 68 67	30	2900	4.0	550	520	1015	140	160×220	120×180	4-φ 18	JG2-2	330
5.9/25-100-250B-ISG	20 25 30	0.62 0.59 0.52	60 66 64	30	2900	4.0	550	520	1015	140	160×220	120×180	4-φ 18	JG2-2	330
12.6/25-100-315-ISG	20 25 30	1.31 1.26 1.23	55 66 67	75	2900	4.0	640	700	1235	160	260×310	210×260	4-φ 22	JG3-1	689
11.3/25-100-315A-ISG	20 25 30	1.17 1.13 1.05	65 66 67	55	2900	4.0	640	640	1165	160	260×310	210×260	4-φ 22	JG3-1	549
10.1/25-100-315B-ISG	20 25 30	1.04 1.01 0.95	60 65 63	45	2900	4.0	640	580	1080	160	260×310	210×260	4-φ 22	JG3-1	439
7.8/25-100-315C-ISG	20 25 30	0.87 0.78 0.76	58 63 60	37	2900	4.0	640	520	1040	160	260×310	210×260	4-φ 22	JG3-1	385
15.0/25-100-350-ISG	20 25 30	1.52 1.50 1.48	72 77 74	90	2900	4.0	680	630	1310	175	260×310	210×260	4-φ 22	JG3-1	950

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表

Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸
Inlet & Outlet Flange Dimensions

DN	D	D1	n-d
φ 100	φ 220	φ 180	8- φ 18

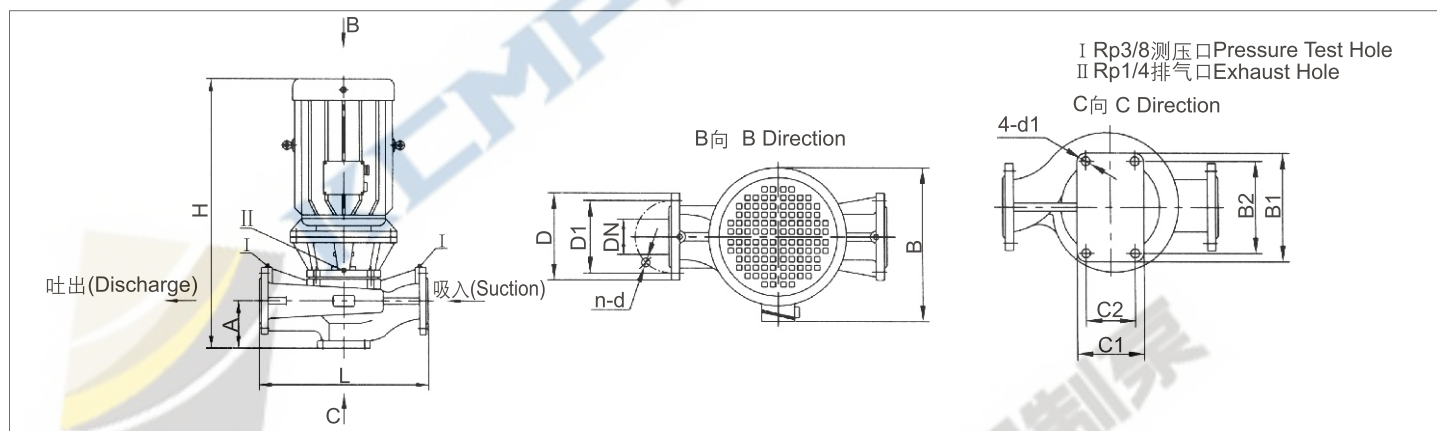
性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type	Q (L/S)	Pressure (MPa)	Efficiency (%)	Power kW	r/min speed	(NPSH) _r (m)	外形及安装尺寸 Outline and Installation Dimensions							隔振器(垫) Isolating vibrator (pad)	Weight (kg)
泵型号	流量	压力	效率	电机功率	转速	汽蚀余量	L	B	H	A	C1×B1	C2×B2	4-d1	规格Spec	重量
13.8/25-100-350A-ISG	20 25 30	1.44 1.38 1.35	70 75 72	75	2900	4.0	680	630	1260	175	260×310	210×260	4-φ18	JG3-1	830
13.0/25-100-350B-ISG	20 25 30	1.36 1.30 1.27	68 75 72	55	2900	4.0	680	605	1190	175	260×310	210×260	4-φ18	JG3-1	600
2.1/30-100-125-ISG	20 30 35	0.23 0.20 0.15	70 76 65	11	2900	4.5	440	430	805	130	160×220	120×180	4-φ18	JG2-1	169
1.6/30-100-125A-ISG	20 30 35	0.18 0.12 0.10	68 74 63	7.5	2900	4.5	440	350	675	130	160×220	120×180	4-φ18	JG2-1	118
3.3/30-100-160-ISG	20 30 35	0.36 0.30 0.24	70 76 65	15	2900	4.5	500	430	835	140	160×220	120×180	4-φ18	JG2-1	191
2.8/30-100-160A-ISG	20 30 35	0.30 0.23 0.20	68 74 67	11	2900	4.5	500	430	835	140	160×220	120×180	4-φ18	JG2-1	181
2.0/30-100-160B-ISG	20 30 35	0.25 0.18 0.15	66 72 70	11	2900	4.5	500	430	835	140	160×220	120×180	4-φ18	JG2-1	181
5.1/30-100-200-ISG	20 30 35	0.53 0.49 0.42	65 74 73	22	2900	4.0	480	475	880	140	160×220	120×180	4-φ18	JG2-2	245
4.4/30-100-200A-ISG	20 30 35	0.46 0.38 0.36	64 73 72	18.5	2900	4.0	480	430	860	140	160×220	120×180	4-φ18	JG2-2	215
3.5/30-100-200B-ISG	20 30 35	0.39 0.32 0.29	65 71 70	15	2900	4.0	480	430	815	140	160×220	120×180	4-φ18	JG2-2	193
8.2/30-100-250-ISG	20 30 35	0.86 0.79 0.68	62 69 68	37	2900	4.0	550	520	1015	140	160×220	120×180	4-φ18	JG2-2	345
7.0/30-100-250A-ISG	20 30 35	0.74 0.61 0.58	61 68 67	30	2900	4.0	550	520	1015	140	160×220	120×180	4-φ18	JG2-2	330
5.9/30-100-250B-ISG	20 30 35	0.62 0.52 0.49	60 66 64	30	2900	4.0	550	520	1015	140	160×220	120×180	4-φ18	JG2-2	330
12.6/30-100-315-ISG	20 30 35	1.31 1.23 1.14	55 66 67	75	2900	4.0	640	700	1235	160	260×310	210×260	4-φ22	JG3-1	689
11.3/30-100-315A-ISG	20 30 35	1.17 1.05 1.02	65 66 67	55	2900	4.0	640	640	1165	160	260×310	210×260	4-φ22	JG3-1	549
10.1/30-100-315B-ISG	20 30 35	1.04 0.95 0.90	60 65 63	45	2900	4.0	640	580	1080	160	260×310	210×260	4-φ22	JG3-1	439
7.8/30-100-315C-ISG	20 30 35	0.87 0.76 0.73	58 63 60	37	2900	4.0	640	520	1040	160	260×310	210×260	4-φ22	JG3-1	385

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表

Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸
Inlet & Outlet Flange Dimensions

DN	D	D1	n-d
φ 100	φ 220	φ 180	8-φ 18
φ 125	φ 250	φ 210	8-φ 18

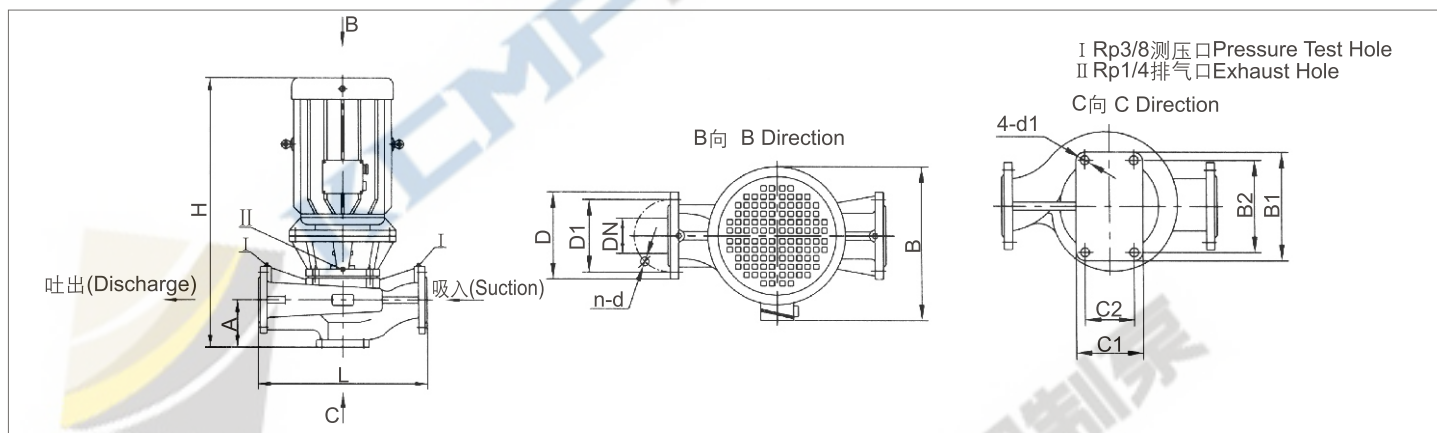
性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type 泵型号	Q (L/S) 流量	Pressure (MPa) 压力	Efficiency (%) 效率	Power kW 电机功率	r/min speed 转速	(NPSH) _r (m) 汽蚀余量	外形及安装尺寸 Outline and Installation Dimensions							隔振器(垫) isolating vibrator(pad) 规格Spec	Weight (kg) 重量
							L	B	H	A	C1×B1	C2×B2	4-d1		
15.0/30-100-350-ISG	20 30 35	1.52 1.48 1.40	72 77 74	90	2900	4.0	680	630	1310	175	260×310	210×260	4-φ 22	JG3-1	950
13.8/30-100-350A-ISG	20 30 35	1.44 1.35 1.32	70 75 72	75	2900	4.0	680	630	1260	175	260×310	210×260	4-φ 22	JG3-1	830
13.0/30-100-350B-ISG	20 30 35	1.36 1.27 1.22	68 75 72	55	2900	4.0	680	605	1190	175	260×310	210×260	4-φ 22	JG3-1	600
2.1/40-125-125-ISG	28 40 45	0.23 0.21 0.20	75 80 78	15	2900	4.0	580	430	840	185	260×310	210×260	4-φ 22	JG2-2	220
1.6/40-125-125A-ISG	28 40 45	0.18 0.16 0.15	70 77 75	11	2900	4.0	580	430	840	185	260×310	210×260	4-φ 22	JG2-2	210
3.4/40-125-160-ISG	28 40 45	0.36 0.34 0.32	74 78 76	22	2900	4.0	580	460	920	185	260×310	210×260	4-φ 22	JG2-2	265
2.8/40-125-160A-ISG	28 40 45	0.31 0.28 0.26	70 76 73	18.5	2900	4.0	580	430	890	185	260×310	210×260	4-φ 22	JG2-2	230
2.4/40-125-160B-ISG	28 40 45	0.26 0.24 0.21	70 73 71	15	2900	4.0	580	430	850	185	260×310	210×260	4-φ 22	JG2-2	215
5.2/40-125-200-ISG	28 40 45	0.55 0.52 0.50	71 77 74	37	2900	5.5	620	510	1040	185	260×310	210×260	4-φ 22	JG2-2	395
4.5/40-125-200A-ISG	28 40 45	0.48 0.45 0.43	70 76 75	30	2900	5.5	620	510	1040	185	260×310	210×260	4-φ 22	JG2-2	380
3.6/40-125-200B-ISG	28 40 45	0.39 0.36 0.34	70 75 72	22	2900	5.5	620	460	930	185	260×310	210×260	4-φ 22	JG2-2	320
8.4/40-125-250-ISG	28 40 45	0.87 0.84 0.80	70 75 72	55	2900	5.0	650	660	1180	185	310×360	250×300	4-φ 22	JG3-1	580
7.2/40-125-250A-ISG	28 40 45	0.76 0.72 0.69	68 74 70	45	2900	5.5	650	570	1080	185	310×360	250×300	4-φ 22	JG3-1	490
5.8/40-125-250B-ISG	28 40 45	0.62 0.58 0.55	68 73 71	37	2900	5.5	650	510	1050	185	310×360	250×300	4-φ 22	JG3-1	430
12.8/40-125-315-ISG	28 40 45	1.31 1.28 1.25	65 70 68	90	2900	5.0	680	685	1350	195	310×360	250×300	4-φ 22	JG3-1	790
11.2/40-125-315A-ISG	28 40 45	1.16 1.12 1.08	65 70 68	75	2900	5.0	680	685	1300	195	310×360	250×300	4-φ 22	JG3-1	710
9.8/40-125-315B-ISG	28 40 45	1.00 0.98 0.96	62 69 66	75	2900	5.0	680	685	1350	195	310×360	250×300	4-φ 22	JG3-1	705

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表

Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸
Inlet & Outlet Flange Dimensions

DN	D	D1	n-d
φ 125	φ 250	φ 210	8-φ 18
φ 150	φ 285	φ 240	8-φ 22

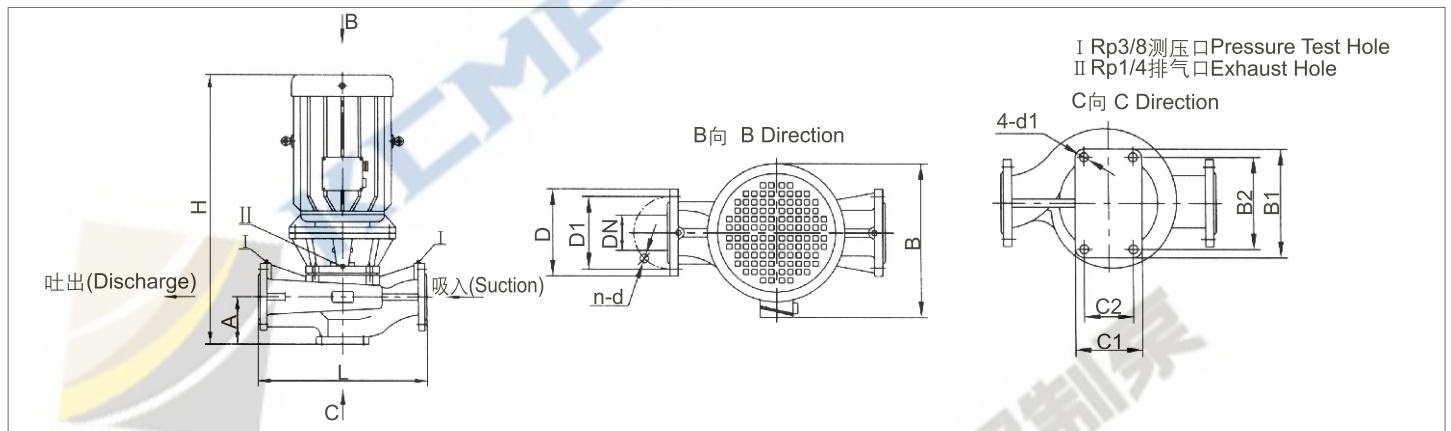
性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type	Q (L/S) Capacity	Pressure (MPa)	Efficiency %	Power kW	r/min speed	(NPSH) _r (m)	外形及安装尺寸 Outline and Installation Dimensions							隔振器(垫) Isolating vibrator(pad)	Weight (kg)
泵型号	流量	压力	效率	电机功率	转速	汽蚀余量	L	B	H	A	C1×B1	C2×B2	4-d1	规格Spec	重量
8.8/40-125-315C-ISG	28 40 45	0.90 0.88 0.86	60 67 66	55	2900	5.0	680	660	1230	195	310×360	250×300	4-φ 22	JG3-1	585
2.0/45-125-125-ISG	30 45 50	0.22 0.20 0.18	75 80 78	15	2900	4.0	580	430	840	185	260×310	210×260	4-φ 22	JG2-2	220
1.5/45-125-125A-ISG	30 45 50	0.17 0.15 0.13	70 77 75	11	2900	4.0	580	430	840	185	260×310	210×260	4-φ 22	JG2-2	210
3.2/45-125-160-ISG	30 45 50	0.35 0.32 0.29	74 78 76	22	2900	4.0	580	460	920	185	260×310	210×260	4-φ 22	JG2-2	265
2.6/45-125-160A-ISG	30 45 50	0.30 0.26 0.24	70 76 73	18.5	2900	4.0	580	430	890	185	260×310	210×260	4-φ 22	JG2-2	230
2.1/45-125-160B-ISG	30 45 50	0.25 0.21 0.18	70 73 71	15	2900	4.0	580	430	850	185	260×310	210×260	4-φ 22	JG2-2	215
5.0/45-125-200-ISG	30 45 50	0.54 0.50 0.47	71 77 74	37	2900	5.5	620	510	1040	185	260×310	210×260	4-φ 22	JG2-2	395
4.3/45-125-200A-ISG	30 45 50	0.47 0.43 0.40	70 76 75	30	2900	5.5	620	510	1040	185	260×310	210×260	4-φ 22	JG2-2	380
3.4/45-125-200B-ISG	30 45 50	0.38 0.34 0.30	70 75 72	22	2900	5.5	620	460	930	185	260×310	210×260	4-φ 22	JG2-2	320
8.0/45-125-250-ISG	30 45 50	0.86 0.80 0.75	70 75 72	55	2900	5.0	650	660	1180	185	310×360	250×300	4-φ 22	JG3-1	580
6.9/45-125-250A-ISG	30 45 50	0.75 0.69 0.64	68 74 70	45	2900	5.5	650	570	1080	185	310×360	250×300	4-φ 22	JG3-1	490
5.5/45-125-250B-ISG	30 45 50	0.61 0.55 0.50	68 73 71	37	2900	5.5	650	510	1050	185	310×360	250×300	4-φ 22	JG3-1	430
12.5/45-125-315-ISG	30 45 50	1.30 1.25 1.21	65 70 68	90	2900	5.0	680	685	1350	195	310×360	250×300	4-φ 22	JG3-1	790
10.8/45-125-315A-ISG	30 45 50	1.15 1.08 1.04	65 70 68	75	2900	5.0	680	685	1300	195	310×360	250×300	4-φ 22	JG3-1	710
9.6/45-125-315B-ISG	30 45 50	1.00 0.96 0.92	62 69 66	75	2900	5.0	680	685	1350	195	310×360	250×300	4-φ 22	JG3-1	705
8.6/45-125-315C-ISG	30 45 50	0.90 0.86 0.80	60 67 66	55	2900	5.0	680	660	1230	195	310×360	250×300	4-φ 22	JG3-1	585
2.1/50-150-250-ISG	35 50 55	0.23 0.21 0.20	73 79 77	18.5	1450	3.0	700	475	960	195	250×300	210×260	4-φ 22	JG2-2	300

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表

Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸
Inlet & Outlet Flange Dimensions

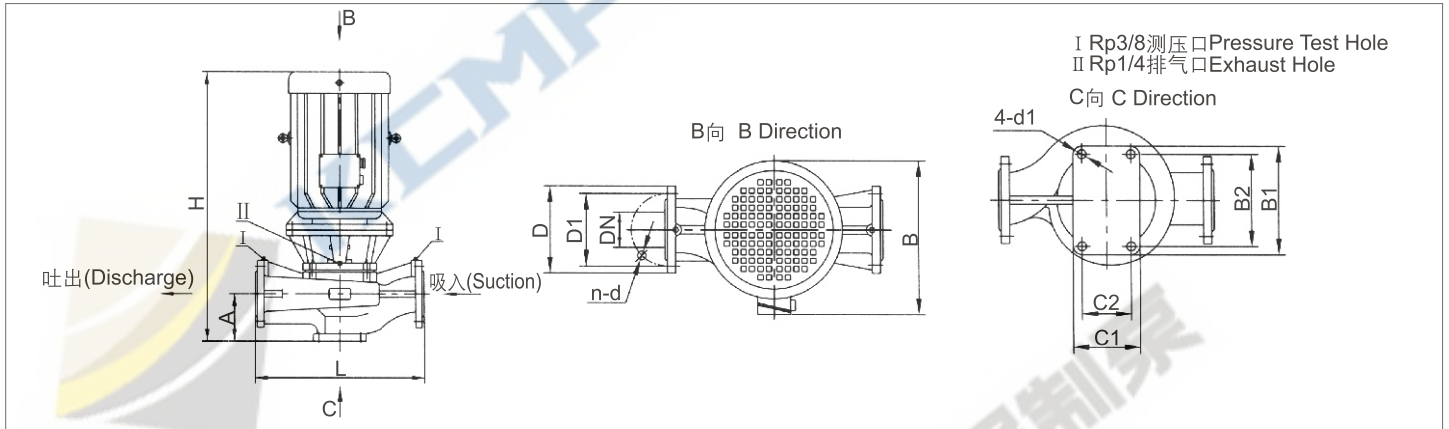
DN	D	D1	n-d
φ 150	φ 285	φ 240	8- φ 22
φ 200	φ 340	φ 295	12- φ 22

性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type 泵型号	Q (L/S) 流量	Pressure (MPa) 压力	Efficiency (%) 效率	Power kW 电机功率	r/min 转速	(NPSH) _r (m) 汽蚀余量	外形及安装尺寸 Outline and Installation Dimensions							隔振器(垫) Isolating vibrator(pad) 规格Spec	Weight (kg) 重量
L	B	H	A	C1×B1	C2×B2	4-d1									
1.7/50-150-250A-ISG	35 50 55	0.19 0.17 0.15	72 78 76	15	1450	3.0	700	475	940	195	250×300	210×260	4-φ22	JG2-2	262
1.3/50-150-250B-ISG	35 50 55	0.15 0.13 0.12	70 76 74	11	1450	3.0	700	445	895	195	250×300	210×260	4-φ22	JG2-2	241
3.3/50-150-315-ISG	35 50 55	0.35 0.33 0.32	70 78 73	30	1450	3.5	760	530	1075	195	250×300	210×260	4-φ22	JG3-1	410
2.8/50-150-315A-ISG	35 50 55	0.30 0.28 0.26	69 77 77	22	1450	3.5	760	505	1000	195	250×300	210×260	4-φ22	JG3-1	335
2.4/50-150-315B-ISG	35 50 55	0.25 0.24 0.22	70 76 74	18.5	1450	3.5	760	505	960	195	250×300	210×260	4-φ22	JG3-1	315
5.2/50-150-400-ISG	35 50 55	0.54 0.52 0.50	68 75 71	45	1450	3.5	800	595	1120	205	250×300	210×260	4-φ22	JG3-1	490
4.4/50-150-400A-ISG	35 50 55	0.47 0.44 0.41	67 74 70	37	1450	3.5	800	595	1095	205	250×300	210×260	4-φ22	JG3-1	454
3.7/50-150-400B-ISG	35 50 55	0.40 0.37 0.34	68 73 70	30	1450	3.5	800	560	1075	205	250×300	210×260	4-φ22	JG3-1	435
3.1/50-150-400C-ISG	35 50 55	0.33 0.31 0.28	66 71 68	22	1450	3.5	800	535	1000	205	250×300	210×260	4-φ22	JG3-1	365
8.2/50-150-250(I)-ISG	35 50 55	0.86 0.82 0.80	65 76 74	75	2900	4.5	700	700	1280	195	310×360	250×300	4-φ22	JG3-1	702
7.0/50-150-250(I)A-ISG	35 50 55	0.74 0.70 0.65	64 75 73	55	2900	4.5	700	640	1200	195	310×360	250×300	4-φ22	JG3-1	561
5.9/50-150-250(I)B-ISG	35 50 55	0.63 0.59 0.54	63 74 72	45	2900	4.5	700	585	1115	195	310×360	250×300	4-φ22	JG3-1	460
12.8/50-150-315(I)-ISG	35 50 55	1.32 1.28 1.25	58 73 75	110	2900	4.5	760	900	1560	195	350×450	300×400	4-φ22	JG3-2	980
11.0/50-150-315(I)A-ISG	35 50 55	1.14 1.10 1.06	57 72 74	90	2900	4.5	760	700	1330	195	350×450	300×400	4-φ22	JG3-2	800
9.4/50-150-315(I)B-ISG	35 50 55	0.97 0.94 0.91	55 70 72	75	2900	4.5	760	700	1210	195	350×450	300×400	4-φ22	JG3-2	724
2.0/55-200-250-ISG	40 55 65	0.21 0.20 0.18	73 79 77	18.5	1450	3.0	750	475	960	210	300×370	250×320	4-φ22	JG2-2	305
1.6/55-200-250A-ISG	40 55 65	0.18 0.16 0.15	72 78 76	15	1450	3.0	750	475	940	210	300×370	250×320	4-φ22	JG2-2	267

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表 Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

► 安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸 Inlet & Outlet Flange Dimensions			
DN	D	D1	n-d
φ 200	φ 340	φ 295	12- φ 22

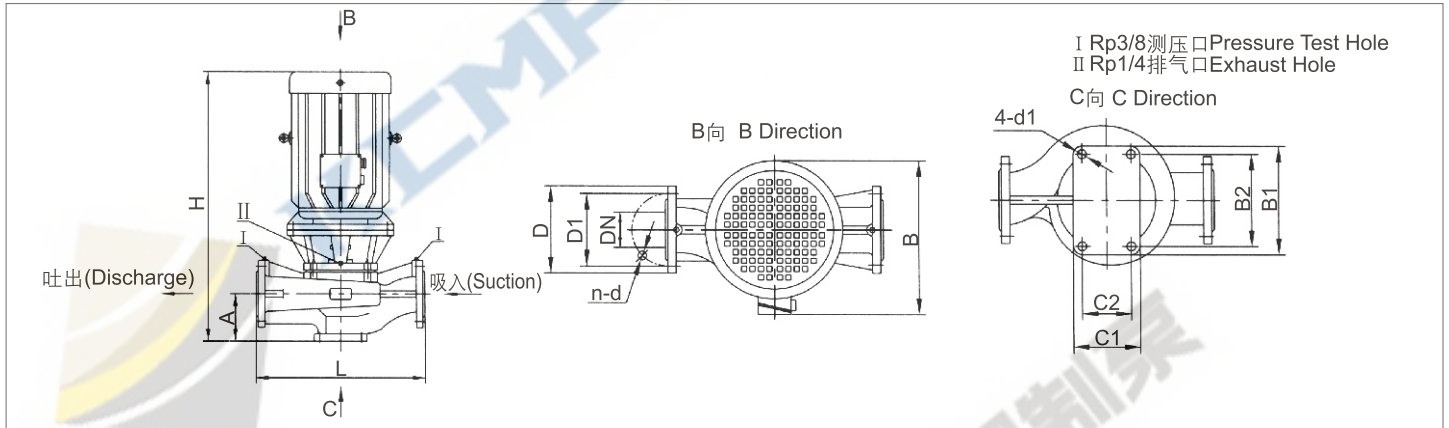
► 性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type 泵型号	Q (L/S) Capacity 流量	Pressure (MPa) 压力	Efficiency (%) 效率	Power kW 电机功率	r/min speed 转速	(NPSH) _r (m) 汽蚀余量	外形及安装尺寸 Outline and Installation Dimensions							隔振器(垫) Isolating vibrator(pad) 规格Spec	Weight (kg) 重量
L	B	H	A	C1×B1	C2×B2	4-d1									
1.2/55-200-250B-ISG	40 55 65	0.15 0.12 0.10	70 76 74	11	1450	3.0	750	445	895	210	300×370	250×320	4-φ 22	JG2-2	246
3.2/55-200-315-ISG	40 55 65	0.33 0.32 0.29	70 78 78	30	1450	3.5	830	530	1075	210	300×370	250×320	4-φ 22	JG3-1	417
2.7/55-200-315A-ISG	40 55 65	0.29 0.27 0.25	69 77 77	22	1450	3.5	830	505	1000	210	300×370	250×320	4-φ 22	JG3-1	342
2.2/55-200-315B-ISG	40 55 65	0.24 0.22 0.20	70 76 74	18.5	1450	3.5	830	505	960	210	300×370	250×320	4-φ 22	JG3-1	322
5.0/55-200-400-ISG	40 55 65	0.53 0.50 0.45	68 75 71	45	1450	3.5	880	595	1120	225	300×370	250×320	4-φ 22	JG3-1	498
4.2/55-200-400A-ISG	40 55 65	0.45 0.42 0.39	67 74 70	37	1450	3.5	880	595	1095	225	300×370	250×320	4-φ 22	JG3-1	462
3.5/55-200-400B-ISG	40 55 65	0.38 0.35 0.31	65 73 70	30	1450	3.5	880	560	1075	225	300×370	250×320	4-φ 22	JG3-1	443
2.8/55-200-400C-ISG	40 55 65	0.31 0.28 0.25	64 71 68	22	1450	3.5	880	535	1000	225	300×370	250×320	4-φ 22	JG3-1	373
2.0/100-200-250(I)-ISG	75 100 120	0.22 0.20 0.18	75 80 72	30	1450	4.0	830	530	1110	225	300×370	250×320	4-φ 22	JG3-1	475
1.4/100-200-250(I)A-ISG	75 100 120	0.16 0.14 0.12	73 78 70	22	1450	4.0	830	510	1035	225	300×370	250×320	4-φ 22	JG3-1	405
1.0/100-200-250(I)B-ISG	75 100 120	0.12 0.10 0.06	70 75 67	18.5	1450	4.0	830	510	995	225	300×370	250×320	4-φ 22	JG3-1	387
3.3/100-200-315(I)-ISG	75 100 120	0.36 0.33 0.29	73 80 75	55	1450	4.0	860	645	1265	225	300×370	250×320	4-φ 22	JG3-1	675
2.8/100-200-315(I)A-ISG	75 100 120	0.30 0.28 0.25	72 79 74	45	1450	4.0	860	605	1180	225	300×370	250×320	4-φ 22	JG3-1	560
2.3/100-200-315(I)B-ISG	75 100 120	0.26 0.23 0.20	70 78 75	37	1450	4.0	860	605	1145	225	300×370	250×320	4-φ 22	JG3-1	535
5.1/100-200-400(I)-ISG	75 100 120	0.55 0.51 0.48	75 81 77	75	1450	4.0	880	700	1340	240	300×370	250×320	4-φ 22	JG3-2	830
4.4/100-200-400(I)A-ISG	75 100 120	0.47 0.44 0.38	74 80 78	75	1450	4.0	880	700	1340	240	300×370	250×320	4-φ 22	JG3-2	830
3.5/100-200-400(I)B-ISG	75 100 120	0.40 0.35 0.30	70 78 75	55	1450	5.0	880	635	1270	240	300×370	250×320	4-φ 22	JG3-2	685

XBD-ISG型泵安装尺寸图、性能参数表及安装尺寸表

Installation Dimensions Drawing, Performance Parameters and Installation Dimensions Table of XBD-ISG Pumps

安装尺寸图 Installation Dimensions Drawing



进出口法兰尺寸
Inlet & Outlet Flange Dimensions

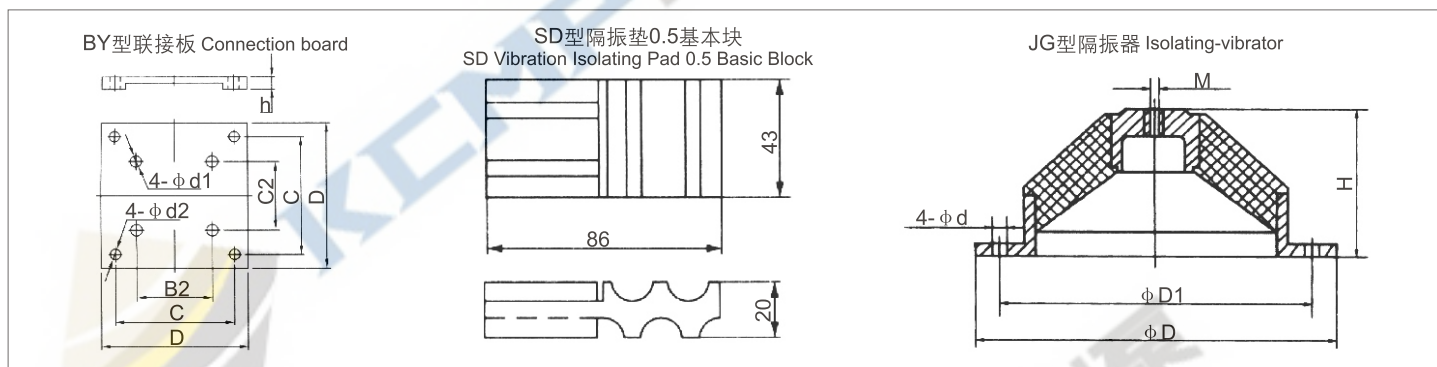
DN	D	D1	n-d
φ 200	φ 340	φ 295	12-φ 22
φ 250	φ 405	φ 355	12-φ 26
φ 300	φ 460	φ 410	12-φ 26
φ 350	φ 520	φ 470	16-φ 26

性能参数及安装尺寸表 Performance Parameters and Installation Dimensions

Type 泵型号	Q (L/S) 流量	Pressure (MPa) 压力	Efficiency (%) 效率	Power kW 电机功率	r/min 转速	(NPSH) _r (m) 汽蚀余量	外形及安装尺寸 Outline and Installation Dimensions							隔振器(垫) Isolating vibrator(pad) 规格Spec	Weight (kg) 重量
							L	B	H	A	C1×B1	C2×B2	4-d1		
3.0/100-200-400(I)C-ISG	75 100 120	0.32 0.30 0.23	68 76 72	45	1450	5.0	880	600	1185	240	300×370	250×320	4-φ 22	JG3-2	580
8.0/100-200-510(I)C-ISG	75 100 120	0.87 0.80 0.72	73 80 77	132	1450	5.0	1120	850	1650	260	350×450	300×400	4-φ 22	JG3-2	1500
12.5/100-200-330-ISG	75 100 120	1.35 1.25 1.04	75 79 77	200	2900	4.5	870	750	1800	250	400×500	350×450	4-φ 26	JG3-2	1650
2.0/140-250-250-ISG	110 140 160	0.21 0.20 0.17	78 82 81	45	1450	5.0	1010	550	1145	310	350×450	300×400	4-φ 22	JG3-1	620
1.7/140-250-250A-ISG	110 140 160	0.18 0.17 0.15	76 80 80	37	1450	5.0	1010	550	1145	310	350×450	300×400	4-φ 22	JG3-1	550
3.2/140-250-315-ISG	110 140 160	0.34 0.32 0.29	76 80 79	75	1450	5.5	1110	640	1350	310	400×500	350×450	4-φ 26	JG3-2	890
2.8/140-250-315A-ISG	110 140 160	0.29 0.28 0.25	74 78 77	55	1450	5.5	1110	640	1350	310	400×500	350×450	4-φ 26	JG3-2	690
2.1/140-250-315B-ISG	110 140 160	0.23 0.21 0.17	70 74 72	45	1450	5.5	1110	640	1350	310	400×500	350×450	4-φ 26	JG3-2	620
2.0/140-250-300-ISG	110 140 160	0.21 0.20 0.17	75 78 76	37	1480	4.5	1010	550	1145	310	350×450	300×400	4-φ 22	JG3-1	550
5.0/140-250-400-ISG	110 140 160	0.54 0.50 0.41	65 72 70	90	1480	4.5	1200	900	1740	310	400×500	350×450	4-φ 26	JG3-2	1530
2.0/200-300-250-ISG	150 200 250	0.22 0.20 0.17	80 83 84	55	1450	6.0	1175	620	1315	370	400×500	350×450	4-φ 26	JG3-2	1085
2.8/200-300-300-ISG	150 200 250	0.32 0.28 0.23	76 82 80	75	1480	5.0	1250	650	1410	370	400×500	350×450	4-φ 26	JG3-2	1230
3.2/200-300-315-ISG	150 200 250	0.35 0.32 0.26	78 84 82	90	1480	4.5	1250	650	1400	370	400×500	350×450	4-φ 26	JG3-2	1350
4.4/200-300-380-ISG	150 200 250	0.47 0.44 0.34	78 84 82	132	1480	5.0	1250	900	1800	370	480×530	400×450	4-φ 26	JG4-1	1900
5.0/200-300-400-ISG	150 200 250	0.54 0.50 0.42	75 80 78	132	1480	5.5	1250	900	1800	370	480×530	400×450	4-φ 26	JG4-1	1500

XBD-ISG型泵附件及安装基础尺寸 Accessories and Installation Foundation Dimensions of XBD-ISG Pumps

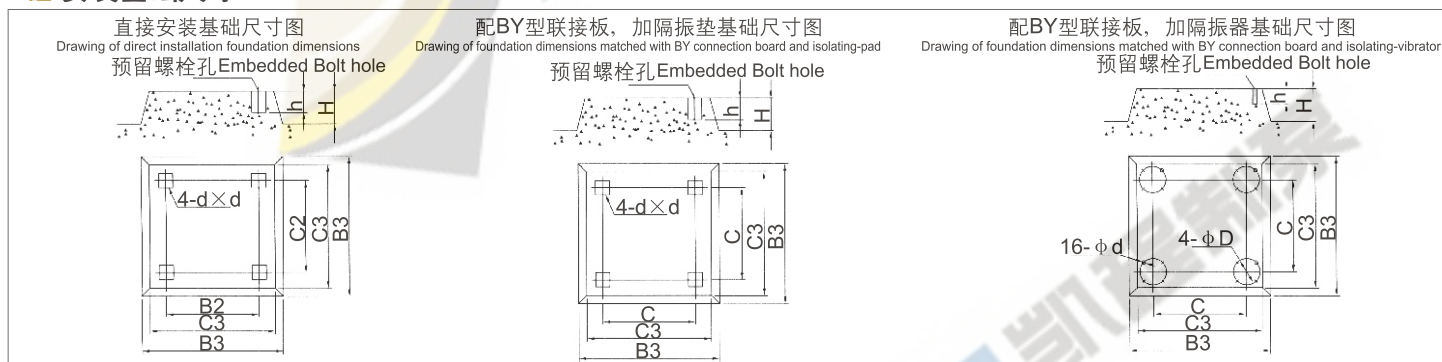
附件及安装基础尺寸 Accessories and Installation Foundation Dimensions



Spec	BY型联接板尺寸 Dimensions of By connection board					
规格	C2×B2	C×C	D×D	h	φd1	φd2
BY-1	100×160	340×340	400×400	55	φ18	φ16
BY-2	120×180	340×340	400×400	55	φ18	φ16
BY-3	150×240	340×340	400×400	55	φ18	φ16
BY-4	210×260	440×440	500×500	55	φ24	φ16
BY-5	250×320	540×540	600×600	55	φ24	φ18
BY-6	250×300	540×540	600×600	55	φ24	φ18
BY-7	300×400	740×740	800×800	55	φ24	φ20 或 φ18
BY-8	350×450	740×740	800×800	55	φ27	φ23 或 φ20
BY-9	400×450	740×740	800×800	55	φ27	φ23

Type	M	D	D1	H	d
型号					
JG2-1	M12	150	130	65	8.5
JG2-2	M12	150	130	65	8.5
JG3-1	M16	200	170	87	12.5
JG3-2	M16	200	170	87	12.5
JG4-1	M20	290	260	133	12.5

安装基础尺寸 Installation Foundation Dimensions



直接安装基础尺寸 Direct installation foundation dimension						配BY型联接板，加隔振垫基础尺寸 Foundation dimension matched with BY connection board and isolating-pad							配BY型联接板，加隔振器基础尺寸 Foundation dimension matched with BY connection board and isolating-vibrator									
C2×B2	H	C3	B3	d	h	联接板规格Spec	H	C3	B3	C	d	h	联接板规格Spec	H	C3	B3	C	ΦD	Φd	h		
100×160	300	500	600	80	250	BY-1	300	650	700	340	80	250	BY-1	300	650	700	340	同隔振器D1 Same as Isolating-vibrator D1	Φ 10.5	60		
120×180	300	500	600	80	250	BY-2	300	650	700	340	80	250	BY-2	300	650	700	340		Φ 10.5	60		
150×240	300	500	600	80	250	BY-3	300	650	700	340	80	250	BY-3	300	650	700	340		Φ 10.5	60		
210×260	300	600	700	90	250	BY-4	300	800	900	440	90	250	BY-4	300	800	900	440		Φ 10.5或 Φ 14.5	60		
250×300	300	600	700	90	250	BY-5	300	800	900	540	90	250	BY-5	300	800	900	540		Φ 14.5	60		
250×300	300	600	700	90	250	BY-6	300	800	900	540	90	250	BY-6	300	800	900	540		Φ 14.5	60		
300×400	350	800	900	90	300	BY-7	350	1000	1200	740	90	300	BY-7	350	1000	1200	740		Φ 14.5	60		
350×450	350	800	900	90	300	BY-8	350	1000	1200	740	90	300	BY-8	350	1000	1200	740		Φ 14.5	60		
400×450	350	800	900	90	300	BY-9	350	1000	1200	740	90	300	BY-9	350	1000	1200	740		Φ 14.5	60		

泵组的安装、启动与停车 The Installation, Start and Stop of Pump Unit

▶ 安装说明 Installation Instruction

泵与电机是整体结构，出厂时已由厂家校正，所以安装时无需调整，安装十分方便。

One-piece structure of pump and motor, which has been corrected by the manufacturer, so it doesn't need any adjustment upon installation, making installation fairly easy.

- 1、检查水泵与电机的完好情况；Check the conditions of pump and motor;
- 2、检查泵基础，准备工具及起重机械；Check pump base, preparatory tools and hoisting machinery;
- 3、仔细检查泵流道内有无影响水泵运行的硬质物（如石块、铁砂等），以免水泵运行时损坏过流部件；
Check carefully to see whether there is any hard substances like stone pieces and iron sand etc. in the flow channel that may affect the operation of pump, as they may damage the wetted components in the operation;
- 4、安装时必须拧紧地脚螺栓，且每间隔一定时段检查地脚螺栓是否松动，以免水泵启动时发生剧烈振动而影响泵的性能；
Fasten the anchor bolts upon installation, and check regularly to see whether they have been loosened, so as to avoid sudden vibration upon starting, as it may lower the performance of pump;
- 5、管路重量不应承受在水泵上，否则易损坏水泵；The weight of pipeline shall not be borne by the pump, as it may damage the pump;
- 6、为了维护方便和使用安全，在泵的进出口管路上各安装一只调节阀及在泵出口附近安装一只压力表。对于高扬程泵，为防止水锤，还应在出口阀前安装一只止回阀以应付突然断电等失去动力事故，从而确保水泵在最佳工况下运行，增长水泵的使用寿命；
For the sake of easy maintenance and safe use, an adjusting valve is mounted on both the inlet and outlet pipes of pump, and a pressure gauge is mounted by the pump outlet. For high-head pumps, to avoid water hammer, a check valve shall be mounted in front of outlet valve to cope with the accident of power failure, such as sudden power cut, thus to keep pump working under best conditions and to improve the service life of pump.
- 7、不使杂质进入泵内而堵塞流道影响性能，应在泵进口前安装过滤器；
To avoid foreign substances entering pump and causing channel jammed, which can affect its performance, a filter shall be mounted in front of pump inlet;
- 8、用于有吸程场合，应装有底阀，并且进口管路不应有过多弯道，同时不得有漏水、漏气现象，以免影响水泵的吸入性能；
A bottom valve shall be mounted if the pump is to be used in suction head conditions. And more, the inlet pipeline shall not have too many bends, water and air leakage, as they may lower the suction performance of pump;
- 9、安装管路前转动水泵的转子部件，应无摩擦或卡死现象，否则应将泵拆开检查原因。
Before installing pipeline, turn the rotor of pump and there should not be any friction or blockage. Otherwise, have the pump disassembled and probe into the causes.

▶ 启动与停车 Start and Stop

(1) 启动前准备 Pre-start Preparations

- 1、用手盘动联轴器（无联轴器泵盘动电机顶部风扇），转子应无卡磨现象，转动灵活；
Turn the coupling with hand (or the blower fan on the top of the motor for pump without coupling), and the rotor shall turn flexibly without blocking and friction;
- 2、打开进口阀门、打开排气阀使液体充满整个泵腔，然后关闭排气阀；有吸程场合，用抽真空或向泵腔灌液体的方法，使液体充满整个泵腔，抽真空时应关闭排气阀；
Open the inlet valve and exhaust valve to make liquid filled up with the whole pump cavity, and then close the exhaust valve. Make the liquid filled up with the whole pump cavity in the way to vacuumize or to pour in liquid into the pump cavity. The exhaust valve shall be closed upon vacuumizing;
- 3、如果输送热液体，启动前应预热，升温速度50℃/h。泵的预热是用所输送液体不断循环来达到，这样可使各部位受热均匀。
To deliver hot liquid, it shall be preheated before starting, with the speed of temperature rising at 50℃/h. The pump is preheated by the consistently circulating liquid to be delivered, thus making all parts evenly heated;
- 4、用手盘动泵以使润滑水进入机械密封端面。
Turn the pump with hand to make lubricating water entering into the end face of mechanical seal;
- 5、点动电机，确定转向是否正确。
Start the motor by a press to see whether it runs in a right direction.

(2) 启动与运行 Start and Operation

- 1、全开进口阀门，关闭吐出管路阀门；Fully open the inlet valve and close the valve on discharge pipeline;
- 2、接通电源，当泵达到正常转速后，再逐渐打开吐出管路上阀门，并调节到所需工况；
Connect through electric power. Once the pump reaches the normal speed, slowly open the valve on discharge pipeline and adjust it to the required conditions;
- 3、注意观察仪表读数，检查轴封泄漏情况，正常时机械密封泄漏量为不超过3滴/分，填料密封泄漏量为300~1200ml/h，检查电机、轴承处温度是否低于75℃或不超过环境温度35℃，如果发现异常情况，应及时处理。
Note the reading on meters and check the leakage of shaft seal. Normally, the leakage of mechanical seal shall not exceed 3drops/min, and the leakage of packing seal shall be 300~1200ml/h. Check the temperature at motor and bearing, and it shall be lower than 75℃ or not exceed 35℃ above the ambient temperature. In case of any abnormal conditions, take out corrective measures immediately.

(3) 停车 Stop

- 1、逐渐关闭吐出管路阀门，切断电源。Close the valve on discharge pipeline slowly, and cut off power supply.
- 2、关闭进口阀门 Close the inlet valve.
- 3、如环境温度低于0℃，应将泵内液体放尽，以免泵冻裂。
In case that the ambient temperature is below 0℃, let out the liquid in pump completely to avoid freezing.
- 4、如果长期停用，应将泵拆卸清洗，包装保管。
If it is to be left for rest for a long time, have the pump disassembled and cleaned, and packaged for storage.

泵组的维护与保养、故障原因及排除方法 Maintenance, Failure Causes and Solutions of Pump Unit

维护与保养 Maintenance

(一)运行中的维护与保养 (I) Maintenance in Operation

- 1、进水管路必须高度密封，不能漏水、漏气；
Inlet pipeline shall be well sealed to avoid water and air leakage;
- 2、禁止泵在汽蚀状态下长期运行；
The pump cannot work for long time under the state of cavitation;
- 3、禁止泵在大流量运行时，电机超电流长期运行；
When the pump is working under high flow rate, the motor cannot work for long time under the state of over current;
- 4、定时检查泵运行中的电机电流值，尽量使泵在设计工况附近运行；
Check the current of motor regularly while the pump is in operation, and keep the pump working near the designed conditions as best as possible;
- 5、泵在运行中应有专人看管，以免发生意外；
The pump shall be cared by a special person while in operation, thus to avoid accidents;
- 6、泵每运行500小时应对轴承进行加油；
The bearings shall be oiled when the pump has worked for 500 hours;
- 7、泵进行长期运行后，由于机械磨损，使机组噪声及振动增大时，应停车检查，必要时可更换易损零件及轴承，机组大修期一般为一年。
After a long time of service, the noise and vibration of the unit may increase due to mechanical wear. Here it shall be stopped for check, and replace the wearing parts and bearings if necessary. Generally, the unit shall be overhauled every year.

(二)机械密封维护与保养 (II) Maintenance of Mechanical Seal

- 1、机械密封润滑应清洁无固体颗粒；
The lubrication of mechanical seal shall be clean without solid particles;
- 2、禁止机械密封在干磨情况下工作；
The mechanical seal is not allowed to work under unlubricated friction;
- 3、起动前应盘动泵(电机)几圈，以免突然起动造成机械密封断裂损坏。
Turn the pump (motor) several rounds before start so that mechanical seal cannot be broken and damaged due to sudden start.

故障原因及排除方法 Failure Causes and Solutions

Failure 故障现象	Possible causes 可能产生的原因	Solutions 排除方法
1、水泵不出水 No water coming out of pump.	a.进出口阀门未打开，进出管路阻塞，叶轮流道阻塞。 a. Inlet and outlet valves not opened, inlet and outlet pipes jammed, impeller channel jammed. b.电机运行方向不对，电机缺相转速很慢。 b. Motor running in a wrong direction, open phase of motor and low speed. c.吸入管漏水。c. Air leakage of suction pipe. d.泵没灌满液体，泵腔内有空气。 d. Pump not filled up with liquid and air existing inside. e.进口供水不足，吸程过高，底阀漏水。 e. Insufficient water supply in inlet, successive suction head, water leakage in bottom valve. f.管路阻力过大，泵选型不当。 f. Excessive pipeline resistance, improper selection of pump model.	a.检查，去除阻塞物。a. Check and clear away the jamming. b.调整电机转向，紧固电机接线。 b. Adjust the direction of motor, fasten the connections of motor. c.拧紧各密封面连接螺栓，排除空气。 c. Fasten the connecting bolts of all sealing faces and clear away the air. d.打开泵上盖或打开排气阀，排尽空气。 d. Open the upper cover or exhaust valve to let out the air completely. e.停机检查、调整(并网自来水管和带吸程使用易出现此现象)。 e. Stop the machine for check and adjustment. (easily happen to service under water network and with suction head). f.减少管路弯道，重新选泵。 f. Reduce pipe bends and reselect a pump model.
2、水泵流量不足 Insufficient flow of pump.	a.先按1.原因检查。a. Check the causes according to 1. b.管道、泵流道、叶轮部分阻塞，水垢沉积，阀门开度不足。 b. Pipe, pump channel and impeller partially jammed, water scale deposited, valve not opened enough. c.电压偏低。c. Voltage too low. d.叶轮磨损。d. Impeller worn out.	a.先检查1.排除。Take out solutions according to 1. b.去除阻塞物，重新调整阀门开度。 b. Clear away the jamming, readjust the opening of valve. c.稳压。c. Stabilize the voltage. d.更换叶轮。d. Replace the impeller.
3、功率过大 Excessive power.	a.超过额定流量使用。 a. Service beyond rated flow. b.吸程过高。 b. Excessive suction head. c.电压偏低。 c. Voltage too low. d.泵轴承磨损。 d. Pump bearing worn out.	a.调节电流，关小出口阀门。 a. Adjust the current, lessen the opening of outlet valve. b.降低吸程。b. Lower the suction head. c.更换轴承。c. Replace the bearing.
4、杂音振动 Noise and vibration.	a.管路支撑不稳。 a. Pipeline not steadily supported. b.液体混有气体。 b. Liquid mixed with air. c.产生汽蚀。 c. Production of cavitation. d.轴承损坏。 d. Bearing damaged. e.电机超载发热运行。 e. Motor working overloaded and overheated.	a.稳固管路。a. Fix the pipeline. b.提高吸入压力、排气。b. Enhance the suction pressure, exhaust. c.降低真空度。c. Lower the degree of vacuum. d.更换轴承。d. Replace the bearing. e.调整按5.。e. Adjust according to 5.
5、电机发热 Motor overheated	a.流量过大，超载运行。 a. Excessive flow and overloaded service. b.局部摩擦。 b. Partial friction. c.电机轴承损坏。 c. Motor bearing damaged. d.电压不足。 d. Insufficient voltage.	a.关小出口阀。a. Lessen the opening of outlet valve. b.检查排除。b. Check and take out solutions. c.更换轴承。c. Replace the bearing. d.稳压。d. Stabilize the voltage.
6、水泵漏水 Water leakage of pump.	a.机械密封磨损或软填料损坏。a. Mechanical seal worn out or soft packing damaged. b.泵体有砂孔或破裂。 b. Sand holes and cracks on pump body. c.密封面不平整。 c. Rough sealing face. d.安装螺栓松懈。 d. Mounting bolt loosened.	a.更换。a. Replace b.焊补或更换。b. Weld or replace. c.修整。c. Make correction. d.紧固。d. Fasten.

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