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连成集团
LIANCHENG GROUP

XBD-DL系列电动消防泵组(无控制柜)

XBD-DL SERIES ELECTRIC FIRE-FIGHTING PUMP GROUP(NO-CONTROL)

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产品概述 Outline of the product

XBD-DL系列电动消防泵组是本公司根据国内市场对消防用泵的需求及其特殊的使用要求，自行开发研制的新型产品。经严格测试证明，该系列产品完全满足了现行的消防规范和国家标准所规定的消防给水工况范围要求。该消防泵组系列填补了国内此类产品的空白，其综合性能达到了国际同类产品九十年代先进水平。

XBD-DL系列电动消防泵组采用先进技术进行设计，选用优质材质进行制造，具有可靠性高(不会发生较长时间停用后启动咬死的情况)、效率高、噪音低、振动小、运转寿命长、安装形式灵活和检修方便等特点。该系列消防泵组工况范围广，流量-扬程曲线平坦，其关死点扬程与设计点扬程之比小于1.12，使压力分档密集，有利于选泵和节约能源。该系列产品经国家消防装备质量监督检测中心检测，产品性能全部符合GB6245-2006《消防泵》国家标准的要求，并达到国内同类产品先进水平。

XBD-DL series electric fire-fighting pump group is a new product self developed by this Co. according to the demand on the domestic market to the fire-fighting pump and its special requirements of use and, under a strict test, it has been proved that the series product fully meets with the current fire-fighting standards and the fire-fighting water supply working condition range demand provided in the national standards it fills up the domestic gap of this category and its complex performance gets to the advanced level of 90s of the same ones in the world.

The series pump group is designed with advanced know-how and made of quality materials and features high reliability (no joining-up world occur at starting after a long time of unuse), high efficiency, low noise, small vibration, long duration of running, flexible ways of installation and convenient overhaul. It has a wide range of working conditions and a flat flow-head curve and its ratio between the heads at both shut off and design points is less than 1.12 to have the pressures garded to be crowded together, benefit to pump selection and energy saving. Tested by National Fire-fighting Equipment Quality Supervising and Testing Center, all performances of the product conform the requirements of GB6245-2006 《Fire-fighting pumps 》and get to the advanced level of the same ones in the country.

产品用途 Purposes

XBD-DL系列泵可供输送80℃以下不含固体颗粒的清水或物理化学性质类似于水的液体，以及轻腐蚀液体之用。

该系列泵主要用于工业及民用建筑固定消防系统(消火栓灭火系统、自动喷水灭火系统和水喷雾灭火系统等)的给水。

XBD-DL系列泵性能参数在满足消防工况前提下，兼顾生活(生产)给水的工况要求，该产品既可用于独立消防给水系统，又可用于消防、生活(生产)共用给水系统，还可用于建筑、市政、工矿给水以及锅炉给水等场合。

XBD-DL series pump can be used to transport the pure water below 80℃ and containing no solid grains or the liquids with similar physical and chemical natures as those of pure water as well as the liquids lightly corrsive.

It is mainly used for the water supply for the fixed fire-fighting system of both industrial and civil buildings (fire hydrant fire-extinguishing system, automatic spraying fire-extinguishing system and fog-spraying fire-extinguishing system etc.)

The performance parameters of the pump can also meet with the working condition requirements for living(production) water supply under the prerequisite to meet with the working conditions of fire-fighting, that is it can be used in an individual fire-fighting, water supply system and also in the mutual water supply system of both fire-fighting and living(production), as well as in the water system of buildings, municipal works, industry and mines and boilers.

性能范围 Performance range

额定流量	Qn=5L/s～100L/s (18m³/h～360m³/h)
额定压力	Pn=0.30MPa～2.88MPa
转　　速	n=1480r/min
泵进口压力	Po≤0.2MPa
泵最大工作压力	Po≤2.96MPa
泵进口口径	50～200mm
泵出口口径	40～200mm

Rated flow quantity	Qn=5L/s～100L/s (18m³/h～360m³/h)
Rated pressure	Pn=0.30MPa～2.88MPa
Rotating speed	n=1480r/min
Pressure at pump inlet	Po≤0.2MPa
Max.pump working pressure	Po≤2.96MPa
Aperture at pump inlet	50～200mm
Aperture at pump outlet	40～200mm

型号说明 Model meaning

XB D 6.0 / 25 - 100 DL

- DL — 立式多级泵 Vertical multi-stage pump
- 100 — 泵的吸入口径 Suction caliber of pump
- 25 — 泵的额定流量(L/s) Rated flow quantity
- 6.0 — 泵的额定压力(MPa)的10倍 10 times the rated pressure of the pump
- D — 原动机为电动机 Motor as the prime mover
- XB — 消防泵代号 Code of fire-fighting pump

结构特点 Features of structure

泵为单吸多级分段式离心泵，安装形式为立式(见下图)。

泵为径向吸入，径向排出，进出口相对位置，方向可调。

泵通过增、减级数，产生不同出口压力。

泵可设计成多出口，客户在定货时可以单独提出。

多出口泵的电机按最高级数配套。

The pump is a single-suction multi-stage sectional centrifugal pump with a vertical mounting form(see the figures below).

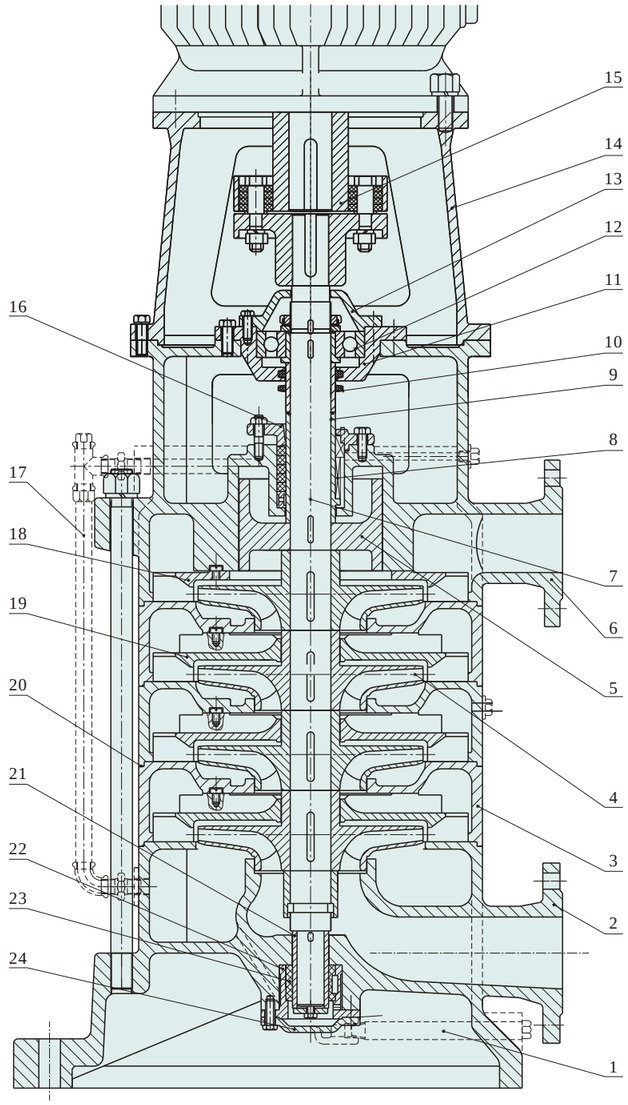
The pump is radial suction-in and radial drain-out and the relative positions and directions of both inlet and outlet can be mutually changed.

The pump can produce different outlet pressures by means of number increasing or decreaing.

The pump can be designed with many outlets, for which the client can separately put forward at order.

The motor used for the multi-outlet pump should be fitted with the maximum stages.

XBD–DL型泵结构图 XBD–DL type pump structure drawing



1	放水丝堵 Drainage wire-jam
2	进水段 Section casing
3	中段 Stage casing
4	叶轮 Impeller
5	平衡鼓 Balancing sleeve
6	出水段 Discharge casing
7	轴 Shaft
8	机械密封/填料函体 Mechanical seal/filling body
9	轴套 Shaft sleeve
10	挡水圈 Water retaining ring
11	轴承体 Bearing support
12	轴承 Bearing
13	轴承盖 Bearing cover
14	电机支架 The motor bracket
15	联轴器部件 Coupling
16	机械密封/填料压盖 Mechanical seal/gland cover
17	回水管部件 Balancing pipe part
18	末级导叶 Last-stage guide vanes
19	导叶 Guide vane
20	密封垫 Seal pad
21	水润滑轴承套 Water lubricated bearing sleeve
22	水润滑轴承体 Water lubricated bearing body
23	水润滑轴承 Submerged bearing
24	水润滑轴承盖 Water lubricated bearing cover

泵的材料

a.泵轴－不锈钢

b.叶轮－铸铜

c.承压零件－铸铁HT250或QT400－18

泵转动时，可能产生磨擦时零件均采用耐磨，耐腐蚀及高抗咬合的材料组合以确保运行可靠。降低噪音，同时避免产生锈水，堵塞喷淋等消防器件，大大延长了使用寿命和停机后生锈咬死现象。

Materials of pump

a.Pump shaft-stainless steel

b.Impeller-cast copper

c.Pressure bearing part-cast iron HT250 or QT400-18

All the parts possible to produce friction during pump's running are made of wearable, anti-corrosive and highly anti-joining-up material combination so as to make sure of a reliable running, lower noise, prevent rust water from being formed to block up the shower etc, fire-fighting equipments, greatly extending the duration and removing the joining-up due to rusting after stop.

轴承、轴封、平衡

泵轴承一端由滚动轴承支承；另一端由滑动轴承支承，用输送介质润滑。

泵轴封为机械密封，安全、无泄漏。(用户特殊要求可提供填料密封)

泵采用平衡鼓平衡轴向力，使滚动轴承轴向负荷显著减小，确保了泵的低噪音和高寿命。

Bearing、 shaft seal、 balance

One end of the pump bearing is supported by the rolling bearing; the other end by the sliding bearing and lubricated with the transported medium.

The pump shaft seal is a mechanical seal, safe and without leakage.(The filling seal can be provided for the users with the special requirement)

The pump uses a balance drum to balance the axial force to have the axial load of the rolling bearing notably reduced, making sure of low noise and long duration of the pump.

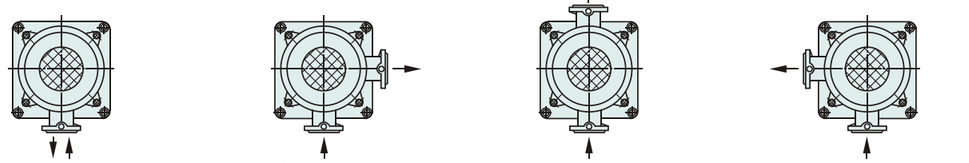
传　动

泵通过弹性联轴器与电机直联传动。从电机端看泵为逆时针旋转。

Driving

The pump is directly connected with the motor through an elastic chutch and rotates CCW viewing from the motor.

下图为安装形式，进水口在下，出口在上（若无特别说明，本公司将按进出口夹角180°出厂）。
The figures below are the forms of installation, the inlet is lower and the outlet is upper (the one when ex-works is 180° if no special note is given).



进出口夹角 0°
Inlet-outlet included angle 0°

进出口夹角 90°
Inlet-outlet included angle 90°

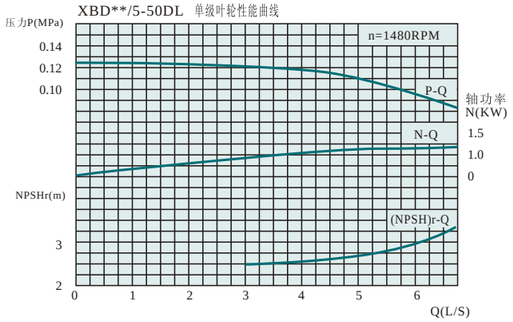
进出口夹角 180°
Inlet-outlet included angle 180°

进出口夹角 270°
Inlet-outlet included angle 270°

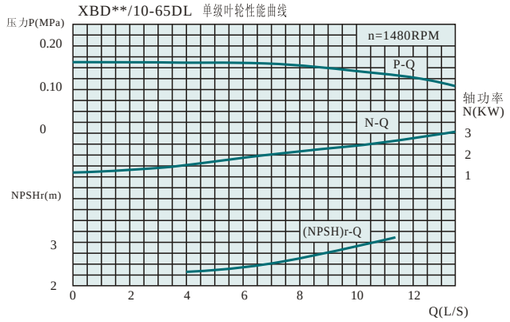
XBD–DL型泵型谱图 XBD–DL type pump atlas of style

XBD–DL型泵性能曲线图 XBD–DL type pump performance curve drawing

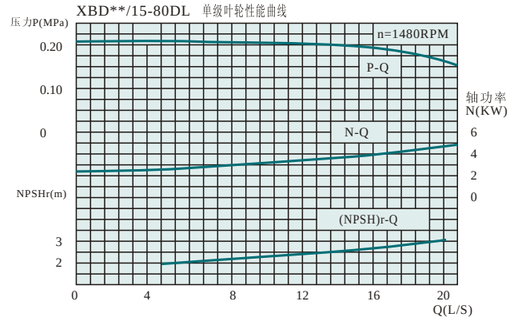
XBD**/5-50DL 单级叶轮性能曲线



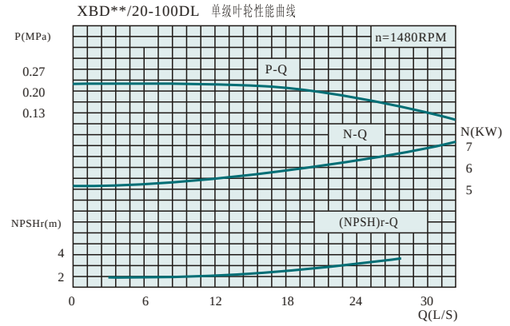
XBD**/10-65DL 单级叶轮性能曲线



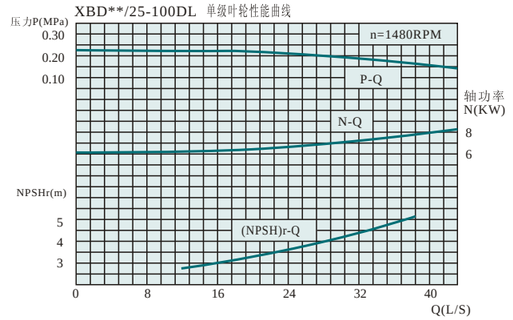
XBD**/15-80DL 单级叶轮性能曲线



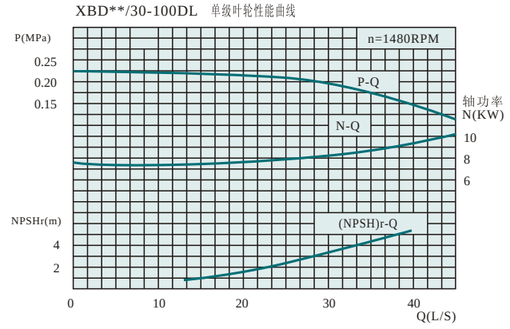
XBD**/20-100DL 单级叶轮性能曲线



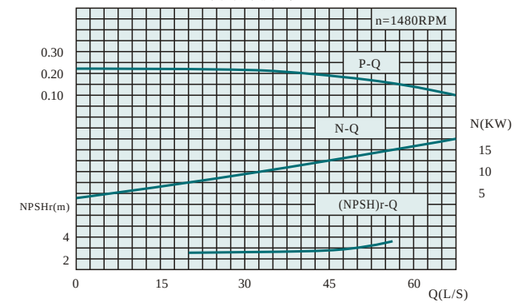
XBD**/25-100DL 单级叶轮性能曲线



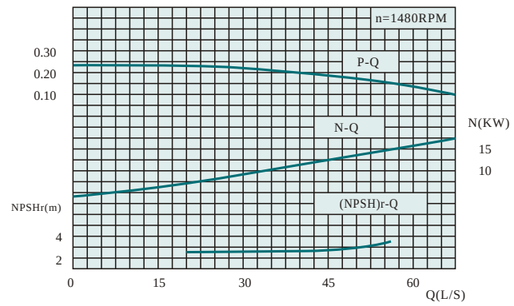
XBD**/30-100DL 单级叶轮性能曲线



XBD**/35-150DL 单级叶轮性能曲线

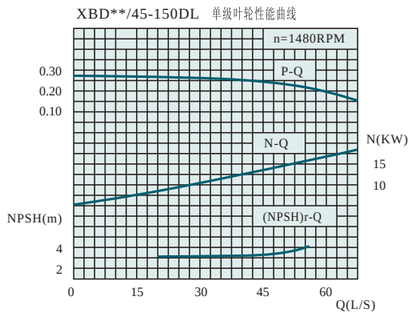


XBD**/40-150DL 单级叶轮性能曲线

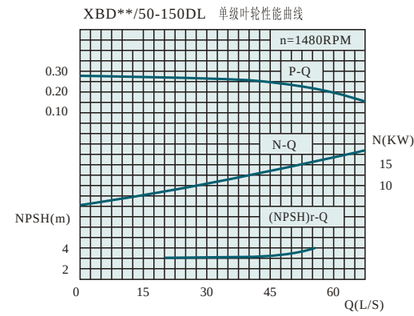


XBD–DL型泵性能曲线图 XBD–DL type pump performance curve drawing

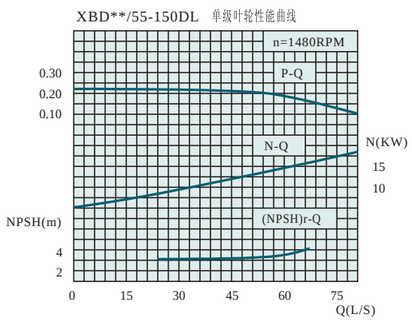
XBD**/45-150DL 单级叶轮性能曲线



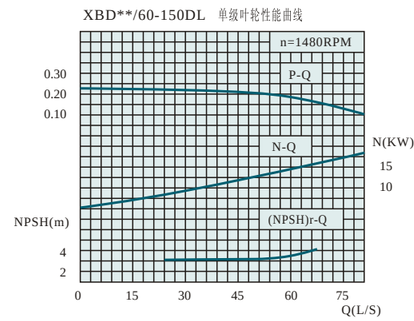
XBD**/50-150DL 单级叶轮性能曲线



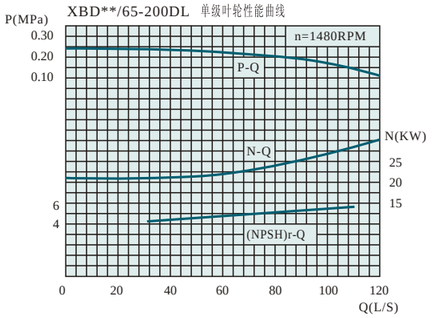
XBD**/55-150DL 单级叶轮性能曲线



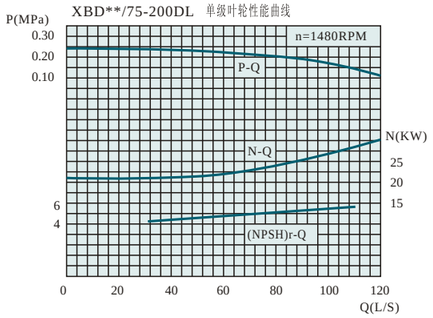
XBD**/60-150DL 单级叶轮性能曲线



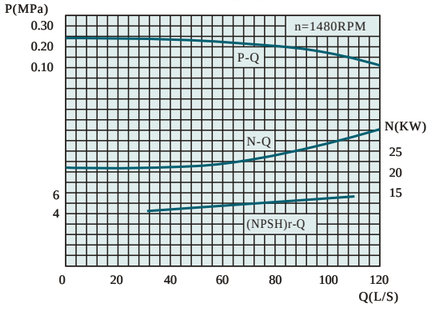
XBD**/65-200DL 单级叶轮性能曲线



XBD**/75-200DL 单级叶轮性能曲线



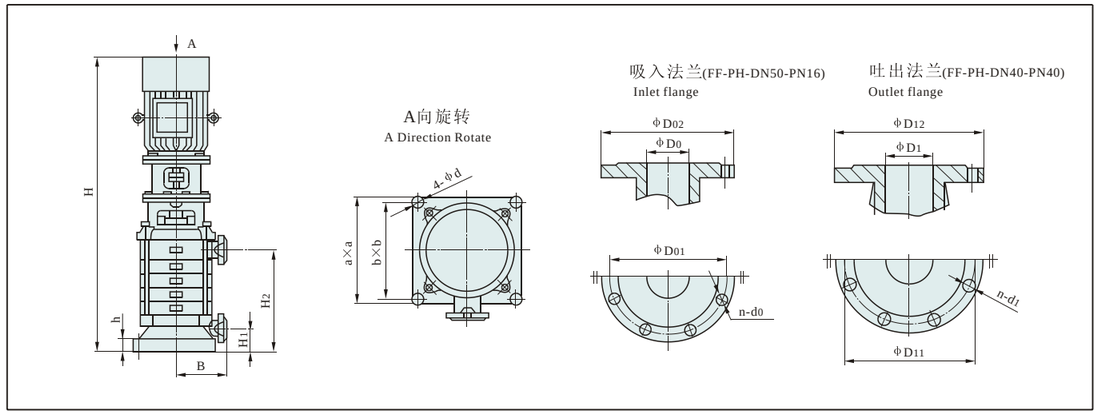
XBD**/80-200DL 单级叶轮性能曲线



XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD3.3/5-50DL	3	12.6 18.0 22.5	3.5 5.0 6.25	0.366 0.33 0.27	3	1480	2.6 2.7 3.2	255
XBD4.4/5-50DL	4	12.6 18.0 22.5	3.5 5.0 6.25	0.488 0.44 0.36	5.5		2.6 2.7 3.2	285
XBD5.5/5-50DL	5	12.6 18.0 22.5	3.5 5.0 6.25	0.61 0.55 0.45	7.5		2.6 2.7 3.2	330
XBD6.6/5-50DL	6	12.6 18.0 22.5	3.5 5.0 6.25	0.732 0.66 0.54	7.5		2.6 2.7 3.2	350

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD7.7/5-50DL	7	12.6 18.0 22.5	3.5 5.0 6.25	0.854 0.77 0.63	7.5	1480	2.6 2.7 3.2	380
XBD8.8/5-50DL	8	12.6 18.0 22.5	3.5 5.0 6.25	0.976 0.88 0.72	7.5		2.6 2.7 3.2	405
XBD9.9/5-50DL	9	12.6 18.0 22.5	3.5 5.0 6.25	1.10 0.99 0.81	11		2.6 2.7 3.2	470
XBD11.0/5-50DL	10	12.6 18.0 22.5	3.5 5.0 6.25	1.22 1.10 0.90	11		2.6 2.7 3.2	490

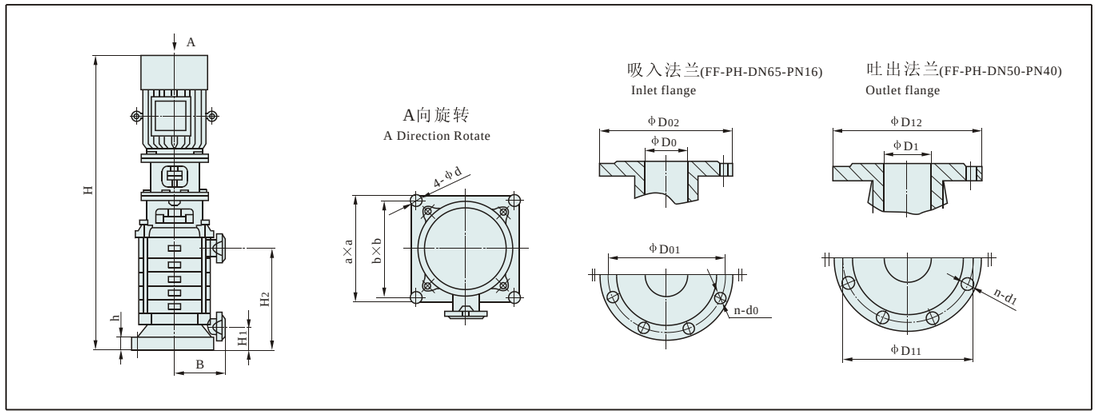


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 Figure dimension a×a	安装尺寸 Installation dimension H1	H2	h	B	b×b	4-φd	吸入法兰 Inlet flange D0	D01	D02	n-d0	吐出法兰 Outlet flange D1	D11	D12	n-d1
XBD3.3/5-50DL	3	1092	345×345	105	361	58	220	305×305	φ18	50	125	165	4-φ17.5	40	110	150	4-φ17.5
XBD4.4/5-50DL	4	1180			429												
XBD5.5/5-50DL	5	1323			497												
XBD6.6/5-50DL	6	1431			565												
XBD7.7/5-50DL	7	1499			633												
XBD8.8/5-50DL	8	1567			701												
XBD9.9/5-50DL	9	1725			769												
XBD11.0/5-50DL	10	1793			837												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD2.8/10-65DL	2	25.2 36 41.4	7.0 10 11.5	0.34 0.30 0.26	5.5	1480	2.41 2.82 3.03	380
XBD4.2/10-65DL	3	25.2 36 41.4	7.0 10 11.5	0.51 0.45 0.39	7.5		2.41 2.82 3.03	450
XBD5.6/10-65DL	4	25.2 36 41.4	7.0 10 11.5	0.68 0.60 0.52	11		2.41 2.82 3.03	540
XBD7.0/10-65DL	5	25.2 36 41.4	7.0 10 11.5	0.85 0.75 0.65	15		2.41 2.82 3.03	600

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD8.4/10-65DL	6	25.2 36 41.4	7.0 10 11.5	1.02 0.90 0.78	15	1480	2.41 2.82 3.03	645
XBD9.8/10-65DL	7	25.2 36 41.4	7.0 10 11.5	1.19 1.05 0.91	18.5		2.41 2.82 3.03	730
XBD11.2/10-65DL	8	25.2 36 41.4	7.0 10 11.5	1.36 1.20 1.04	22		2.41 2.82 3.03	795
XBD12.6/10-65DL	9	25.2 36 41.4	7.0 10 11.5	1.53 1.35 1.17	22		2.41 2.82 3.03	840
XBD14.0/10-65DL	10	25.2 36 41.4	7.0 10 11.5	1.70 1.50 1.30	30		2.41 2.82 3.03	965

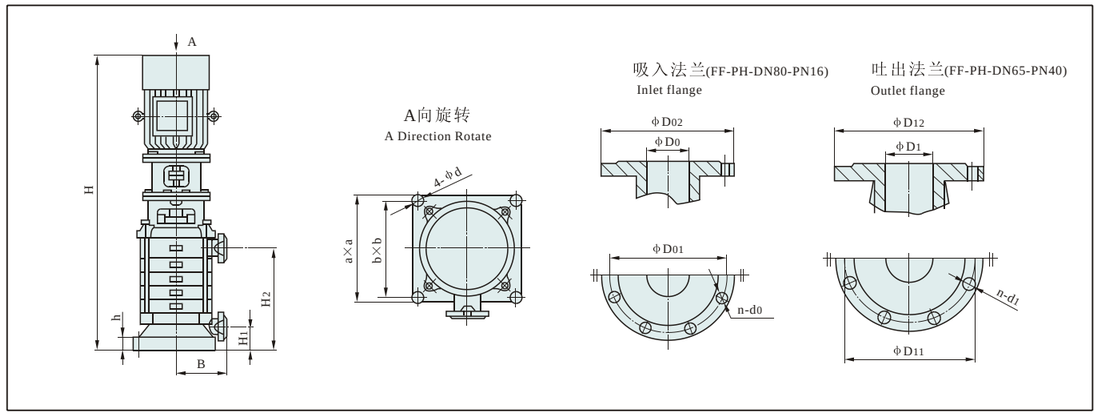


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 Figure dimension a×a	安装尺寸 Installation dimension H1	H2	h	B	b×b	4-φd	吸入法兰 Inlet flange D0	D01	D02	n-d0	吐出法兰 Outlet flange D1	D11	D12	n-d1
XBD2.8/10-65DL	2	1217	430×430	167	364	45	260	370×370	φ26	65	145	185	4-φ17.5	50	125	165	4-φ17.5
XBD4.2/10-65DL	3	1337			444												
XBD5.6/10-65DL	4	1522			524												
XBD7.0/10-65DL	5	1647			604												
XBD8.4/10-65DL	6	1727			684												
XBD9.8/10-65DL	7	1832			764												
XBD11.2/10-65DL	8	1952			844												
XBD12.6/10-65DL	9	2032			924												
XBD14.0/10-65DL	10	2177			1004												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD3.8/15-80DL	2	32.4 54 64.8	9 15 18.0	0.42 0.38 0.36	11	1480	2.2 2.5 2.8	570
XBD5.7/15-80DL	3	32.4 54 64.8	9 15 18.0	0.63 0.57 0.54	15		2.2 2.5 2.8	640
XBD7.6/15-80DL	4	32.4 54 64.8	9 15 18.0	0.84 0.76 0.72	22		2.2 2.5 2.8	760
XBD9.5/15-80DL	5	32.4 54 64.8	9 15 18.0	1.05 0.95 0.90	30		2.2 2.5 2.8	900

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD11.4/15-80DL	6	32.4 54 64.8	9 15 18.0	1.26 1.14 1.08	30	1480	2.2 2.5 2.8	945
XBD13.3/15-80DL	7	32.4 54 64.8	9 15 18.0	1.47 1.33 1.26	37		2.2 2.5 2.8	1040
XBD15.2/15-80DL	8	32.4 54 64.8	9 15 18.0	1.68 1.52 1.44	45		2.2 2.5 2.8	1120
XBD17.1/15-80DL	9	32.4 54 64.8	9 15 18.0	1.89 1.71 1.62	45		2.2 2.5 2.8	1175
XBD19.0/15-80DL	10	32.4 54 64.8	9 15 18.0	2.10 1.90 1.80	55		2.2 2.5 2.8	1335

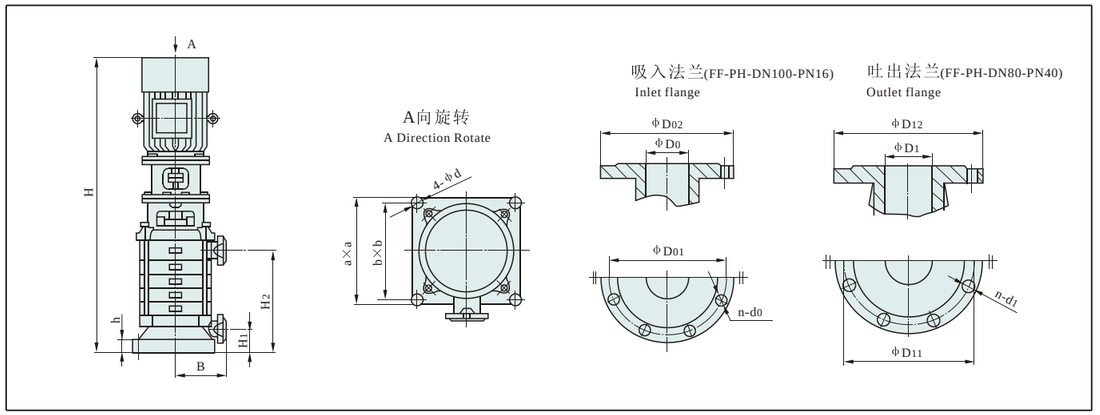


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 a×a	安装尺寸 H1	安装尺寸 H2	安装尺寸 h	安装尺寸 B	安装尺寸 b×b	安装尺寸 4-φd	吸入法兰 D0	吸入法兰 D01	吸入法兰 D02	吸入法兰 n-d0	吐出法兰 D1	吐出法兰 D11	吐出法兰 D12	吐出法兰 n-d1
XBD3.8/15-80DL	2	1396	470×470	150	427	55	280	410×410	φ26	80	160	200	8-φ17.5	65	145	185	4-φ17.5
XBD5.7/15-80DL	3	1530			516												
XBD7.6/15-80DL	4	1684			605												
XBD9.5/15-80DL	5	1838			694												
XBD11.4/15-80DL	6	1927			783												
XBD13.3/15-80DL	7	2061			872												
XBD15.2/15-80DL	8	2175			961												
XBD17.1/15-80DL	9	2264			1050												
XBD19.0/15-80DL	10	2543			1139												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD4.0/20-100DL	2	50.4 72 82.8	14 20 23	0.46 0.40 0.36	15	1480	2.2 2.8 3.1	755
XBD6.0/20-100DL	3	50.4 72 82.8	14 20 23	0.69 0.60 0.54	22		2.2 2.8 3.1	890
XBD8.0/20-100DL	4	50.4 72 82.8	14 20 23	0.92 0.80 0.72	30		2.2 2.8 3.1	985
XBD10.0/20-100DL	5	50.4 72 82.8	14 20 23	1.15 1.00 0.90	37		2.2 2.8 3.1	1070

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD12.0/20-100DL	6	50.4 72 82.8	14 20 23	1.38 1.20 1.08	37	1480	2.2 2.8 3.1	1235
XBD14.0/20-100DL	7	50.4 72 82.8	14 20 23	1.57 1.40 1.26	45		2.2 2.8 3.1	1435
XBD16.0/20-100DL	8	50.4 72 82.8	14 20 23	1.84 1.60 1.44	55		2.2 2.8 3.1	1490
XBD18.0/20-100DL	9	50.4 72 82.8	14 20 23	2.07 1.80 1.62	55		2.2 2.8 3.1	1590
XBD20.0/20-100DL	10	50.4 72 82.8	14 20 23	2.30 2.00 1.80	75		2.2 2.8 3.1	1650

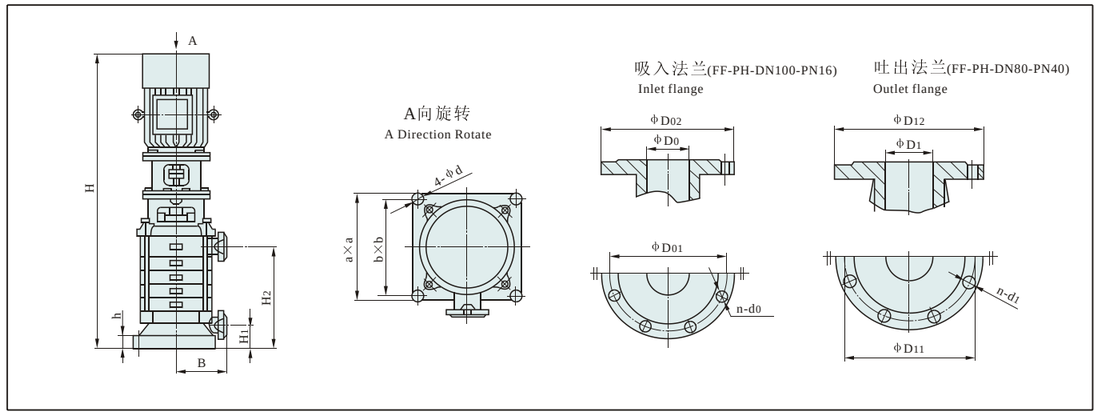


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 a×a	安装尺寸 H1	安装尺寸 H2	安装尺寸 h	安装尺寸 B	安装尺寸 b×b	安装尺寸 4-φd	吸入法兰 D0	吸入法兰 D01	吸入法兰 D02	吸入法兰 n-d0	吐出法兰 D1	吐出法兰 D11	吐出法兰 D12	吐出法兰 n-d1
XBD4.0/20-100DL	2	1460	465×465	172	467	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
XBD6.0/20-100DL	3	1628			570												
XBD8.0/20-100DL	4	1796			673												
XBD10.0/20-100DL	5	1944			776												
XBD12.0/20-100DL	6	2072			879												
XBD14.0/20-100DL	7	2365			982												
XBD16.0/20-100DL	8	2468			1085												
XBD18.0/20-100DL	9	2656			1188												
XBD20.0/20-100DL	10	2759			1291												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD4.2/25-100DL	2	72 90 126	20 25 35	0.46 0.42 0.36	18.5	1480	2.8 3.4 4.4	765
XBD6.3/25-100DL	3	72 90 126	20 25 35	0.69 0.63 0.54	30		2.8 3.4 4.4	900
XBD8.4/25-100DL	4	70 90 126	20 25 35	0.92 0.84 0.72	37		2.8 3.4 4.4	995
XBD10.5/25-100DL	5	70 90 126	20 25 35	1.15 1.05 0.90	45		2.8 3.4 4.4	1080

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD12.6/25-100DL	6	72 90 126	20 25 35	1.38 1.26 1.08	55	1480	2.8 3.4 4.4	1245
XBD14.7/25-100DL	7	72 90 126	20 25 35	1.57 1.47 1.26	75		2.8 3.4 4.4	1445
XBD16.8/25-100DL	8	72 90 126	20 25 35	1.84 1.68 1.44	75		2.8 3.4 4.4	1500
XBD18.9/25-100DL	9	72 90 126	20 25 35	2.07 1.89 1.62	90		2.8 3.4 4.4	1600
XBD21.0/25-100DL	10	72 90 126	20 25 35	2.30 2.10 1.80	90		2.8 3.4 4.4	1660

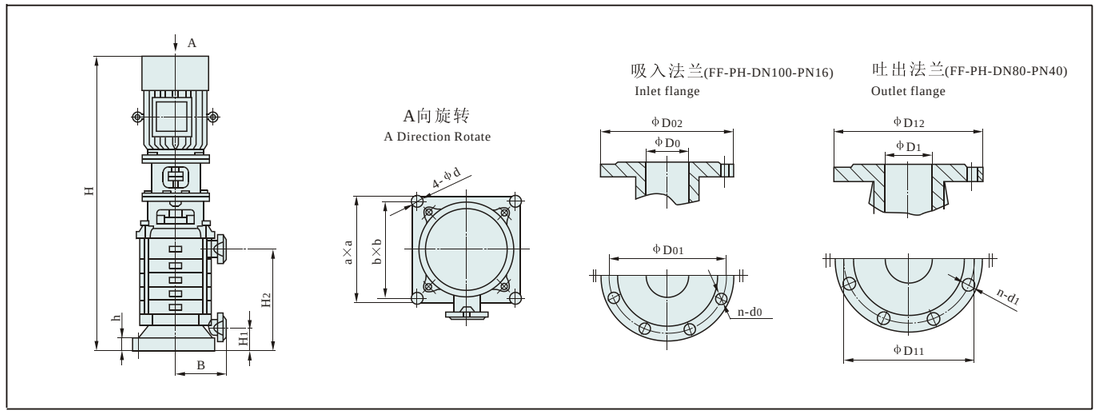


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	a×a	安装尺寸 Installation dimension H1	H2	h	B	b×b	4-φd	吸入法兰 Inlet flange D0	D01	D02	n-d0	吐出法兰 Outlet flange D1	D11	D12	n-d1
XBD4.2/25-100DL	2	1485	465×465	172	467	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
XBD6.3/25-100DL	3	1693			570												
XBD8.4/25-100DL	4	1841			673												
XBD10.5/25-100DL	5	1969			776												
XBD12.6/25-100DL	6	2262			879												
XBD14.7/25-100DL	7	2450			982												
XBD16.8/25-100DL	8	2553			1085												
XBD18.9/25-100DL	9	2706			1188												
XBD21.0/25-100DL	10	2809			1291												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD4.0/30-100DL	2	72 108 126	20 30 35	0.46 0.40 0.36	18.5	1480	2.8 3.6 4.4	765
XBD6.0/30-100DL	3	72 108 126	20 30 35	0.69 0.60 0.54	30		2.8 3.6 4.4	900
XBD8.0/30-100DL	4	72 108 126	20 30 35	0.92 0.80 0.72	37		2.8 3.6 4.4	995
XBD10.0/30-100DL	5	72 108 126	20 30 35	1.15 1.00 0.90	45		2.8 3.6 4.4	1080

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD12.0/30-100DL	6	72 108 126	20 30 35	1.38 1.20 1.08	55	1480	2.8 3.6 4.4	1245
XBD14.0/30-100DL	7	70 108 126	20 30 35	1.57 1.40 1.26	75		2.8 3.6 4.4	1445
XBD16.0/30-100DL	8	70 108 126	20 30 35	1.84 1.60 1.44	75		2.8 3.6 4.4	1500
XBD18.0/30-100DL	9	70 108 126	20 30 35	2.07 1.80 1.62	90		2.8 3.6 4.4	1600
XBD20.0/30-100DL	10	70 108 126	20 30 35	2.30 2.00 1.80	90		2.8 3.6 4.4	1660

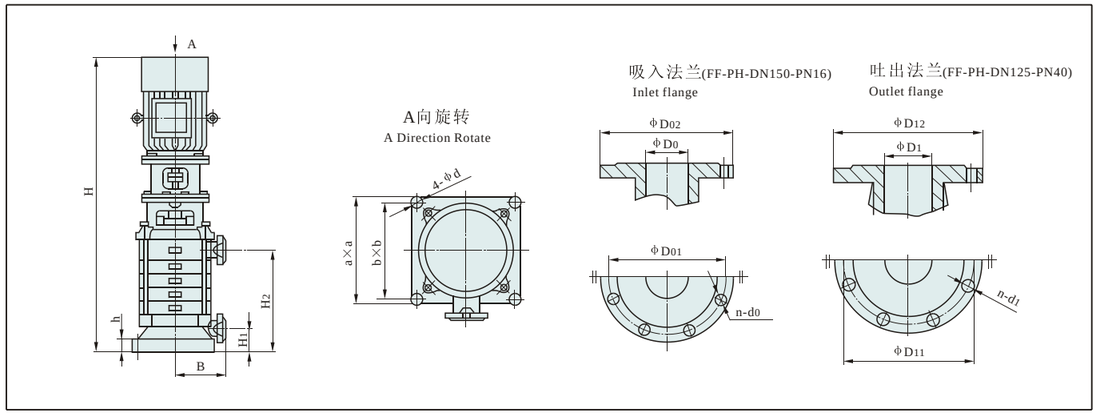


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	a×a	安装尺寸 Installation dimension H1	H2	h	B	b×b	4-φd	吸入法兰 Inlet flange D0	D01	D02	n-d0	吐出法兰 Outlet flange D1	D11	D12	n-d1
XBD4.0/30-100DL	2	1485	465×465	172	467	50	280	410×410	φ24	100	180	220	8-φ17.5	80	160	200	8-φ17.5
XBD6.0/30-100DL	3	1693			570												
XBD8.0/30-100DL	4	1841			673												
XBD10.0/30-100DL	5	1969			776												
XBD12.0/30-100DL	6	2262			879												
XBD14.0/30-100DL	7	2450			982												
XBD16.0/30-100DL	8	2553			1085												
XBD18.0/30-100DL	9	2706			1188												
XBD20.0/30-100DL	10	2809			1291												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD4.2/35-150DL	2	108 126 162	30 35 45	0.45 0.42 0.36	30	1480	2.2 2.6 3.5	815
XBD6.3/35-150DL	3	108 126 162	30 35 45	0.675 0.63 0.54	37		2.2 2.6 3.5	960
XBD8.4/35-150DL	4	108 126 162	30 35 45	0.90 0.84 0.72	45		2.2 2.6 3.5	1100
XBD10.5/35-150DL	5	108 126 162	30 35 45	1.125 1.05 0.90	55		2.2 2.6 3.5	1245

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD12.6/35-150DL	6	108 126 162	30 35 45	1.35 1.26 1.08	75	1480	2.2 2.6 3.5	1410
XBD14.7/35-150DL	7	108 126 162	30 35 45	1.575 1.47 1.26	90		2.2 2.6 3.5	1560
XBD16.8/35-150DL	8	108 126 162	30 35 45	1.80 1.68 1.44	90		2.2 2.6 3.5	1710
XBD18.9/35-150DL	9	108 126 162	30 35 45	2.00 1.89 1.62	110		2.2 2.6 3.5	1870
XBD21.0/35-150DL	10	108 126 162	30 35 45	2.20 2.10 1.80	132		2.2 2.6 3.5	2050

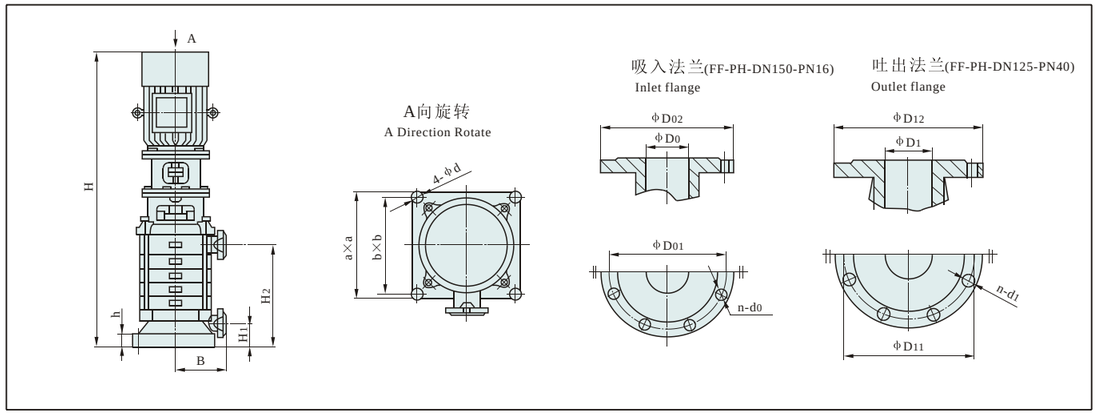


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 a×a	安装尺寸 Installation dimension H_1	H_2	h	B	b×b	4-φd	吸入法兰 Inlet flange D_0	D_{01}	D_{02}	n-d_0	吐出法兰 Outlet flange D_1	D_{11}	D_{12}	n-d_1
XBD4.2/35-150DL	2	1745	480×480	208	559	65	380	430×430	φ26	150	240	285	8-φ22	125	220	270	8-φ26
XBD6.3/35-150DL	3	1920			689												
XBD8.4/35-150DL	4	2265			819												
XBD10.5/35-150DL	5	2480			949												
XBD12.6/35-150DL	6	2610			1079												
XBD14.7/35-150DL	7	2790			1209												
XBD16.8/35-150DL	8	3140			1339												
XBD18.9/35-150DL	9	3270			1469												
XBD21.0/35-150DL	10	3500			1599												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD4.0/40-150DL	2	108 144 162	30 40 45	0.45 0.40 0.36	30	1480	2.2 2.8 3.5	815
XBD6.0/40-150DL	3	108 144 162	30 40 45	0.68 0.60 0.54	37		2.2 2.8 3.5	960
XBD8.0/40-150DL	4	108 144 162	30 40 45	0.90 0.80 0.72	45		2.2 2.8 3.5	1100
XBD10.0/40-150DL	5	108 144 162	30 40 45	1.125 1.00 0.90	55		2.2 2.8 3.5	1245

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD12.0/40-150DL	6	108 144 162	30 40 45	1.35 1.20 1.08	75	1480	2.2 2.8 3.5	1410
XBD14.0/40-150DL	7	108 144 162	30 40 45	1.575 1.40 1.26	90		2.2 2.8 3.5	1560
XBD16.0/40-150DL	8	108 144 162	30 40 45	1.80 1.60 1.44	90		2.2 2.8 3.5	1710
XBD18.0/40-150DL	9	108 144 162	30 40 45	2.00 1.80 1.62	110		2.2 2.8 3.5	1870
XBD20.0/40-150DL	10	108 144 162	30 40 45	2.20 2.00 1.80	132		2.2 2.8 3.5	2050

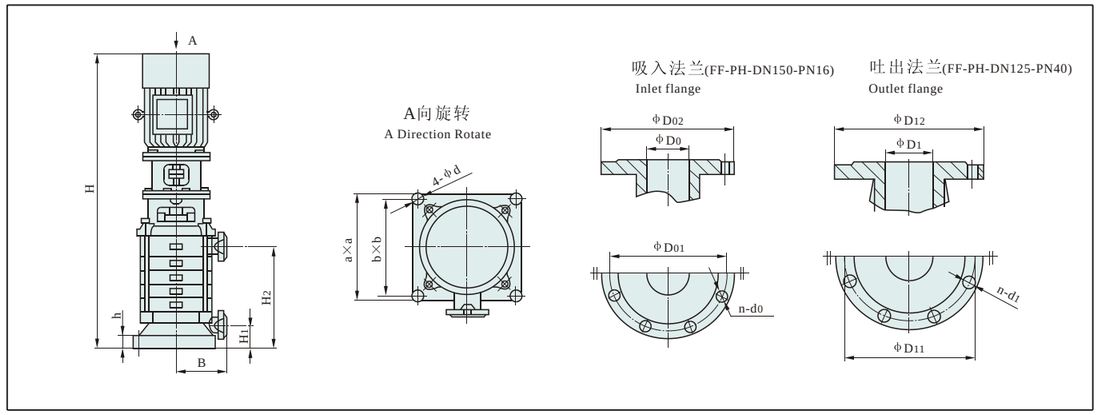


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 a×a	安装尺寸 Installation dimension H_1	H_2	h	B	b×b	4-φd	吸入法兰 Inlet flange D_0	D_{01}	D_{02}	n-d_0	吐出法兰 Outlet flange D_1	D_{11}	D_{12}	n-d_1
XBD4.0/40-150DL	2	1745	480×480	208	559	65	380	430×430	φ26	150	240	285	8-φ22	125	220	270	8-φ26
XBD6.0/40-150DL	3	1920			689												
XBD8.0/40-150DL	4	2265			819												
XBD10.0/40-150DL	5	2480			949												
XBD12.0/40-150DL	6	2610			1079												
XBD14.0/40-150DL	7	2790			1209												
XBD16.0/40-150DL	8	3140			1339												
XBD18.0/40-150DL	9	3270			1469												
XBD20.0/40-150DL	10	3500			1599												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD5.0/45-150DL	2	120 162 200	33.3 45 55.6	0.53 0.50 0.44	37	1480	3.1 3.5 3.8	825
XBD7.5/45-150DL	3	120 162 200	33.3 45 55.6	0.795 0.75 0.66	55		3.1 3.5 3.8	970
XBD10.0/45-150DL	4	120 162 200	33.3 45 55.6	1.06 1.00 0.88	75		3.1 3.5 3.8	1110
XBD12.5/45-150DL	5	120 162 200	33.3 45 55.6	1.33 1.25 1.10	90		3.1 3.5 3.8	1255

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD15.0/45-150DL	6	120 162 200	33.3 45 55.6	1.59 1.50 1.32	110	1480	3.1 3.5 3.8	1410
XBD17.5/45-150DL	7	120 162 200	33.3 45 55.6	1.86 1.75 1.54	132		3.1 3.5 3.8	1570
XBD20.0/45-150DL	8	120 162 200	33.3 45 55.6	2.12 2.00 1.76	132		3.1 3.5 3.8	1720
XBD22.5/45-150DL	9	120 162 200	33.3 45 55.6	2.39 2.25 1.98	160		3.1 3.5 3.8	1880

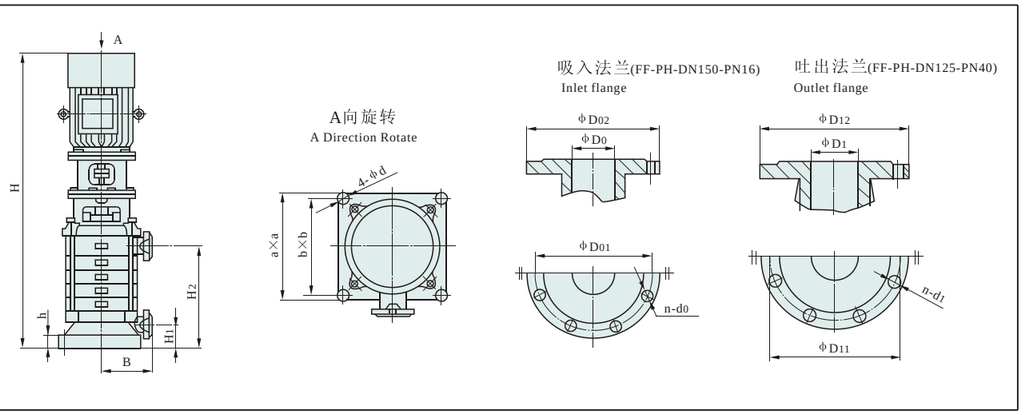


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 a×a	安装尺寸 Installation dimension H_1	H_2	h	B	b×b	4-Φd	吸入法兰 Inlet flange D_0	D_{01}	D_{02}	n-d_0	吐出法兰 Outlet flange D_1	D_{11}	D_{12}	n-d_1
XBD5.0/45-150DL	2	2080	600×600	213	564	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26
XBD7.5/45-150DL	3	2335			694												
XBD10.0/45-150DL	4	2550			824												
XBD12.5/45-150DL	5	2730			954												
XBD15.0/45-150DL	6	3080			1084												
XBD17.5/45-150DL	7	3310			1214												
XBD20.0/45-150DL	8	3440			1344												
XBD22.5/45-150DL	9	3570			1474												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD4.8/50-150DL	2	120 180 200	33.3 50 55.6	0.53 0.48 0.44	37	1480	3.1 3.6 3.8	825
XBD7.2/50-150DL	3	120 180 200	33.3 50 55.6	0.795 0.72 0.66	55		3.1 3.6 3.8	970
XBD9.6/50-150DL	4	120 180 200	33.3 50 55.6	1.06 0.96 0.88	75		3.1 3.6 3.8	1110
XBD12.0/50-150DL	5	120 180 200	33.3 50 55.6	1.33 1.20 1.10	90		3.1 3.6 3.8	1255

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD14.4/50-150DL	6	120 180 200	33.3 50 55.6	1.59 1.44 1.32	110	1480	3.1 3.6 3.8	1410
XBD16.8/50-150DL	7	120 180 200	33.3 50 55.6	1.86 1.68 1.54	132		3.1 3.6 3.8	1570
XBD19.2/50-150DL	8	120 180 200	33.3 50 55.6	2.12 1.92 1.76	132		3.1 3.6 3.8	1720
XBD21.6/50-150DL	9	120 180 200	33.3 50 55.6	2.39 2.16 1.98	160		3.1 3.6 3.8	1880

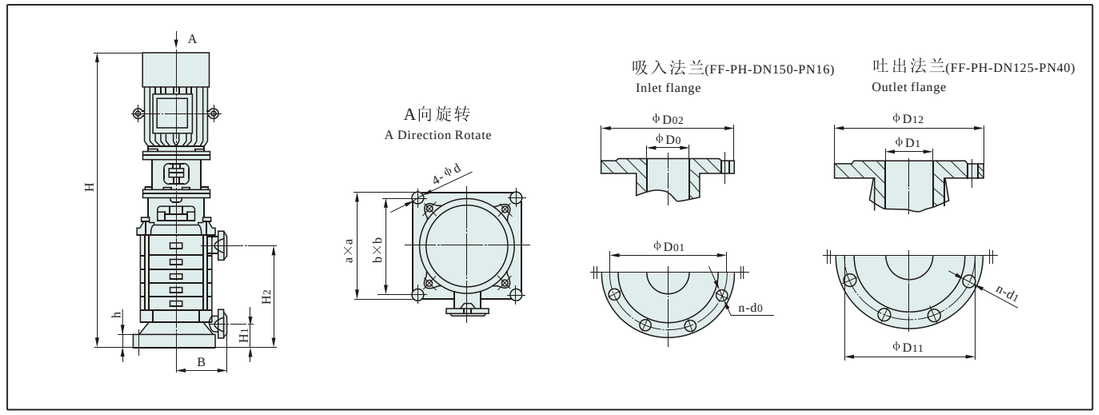


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 a×a	安装尺寸 Installation dimension H_1	H_2	h	B	b×b	4-Φd	吸入法兰 Inlet flange D_0	D_{01}	D_{02}	n-d_0	吐出法兰 Outlet flange D_1	D_{11}	D_{12}	n-d_1
XBD4.8/50-150DL	2	2080	600×600	213	564	73	380	550×550	Φ24	150	240	285	8-Φ22	125	220	270	8-Φ26
XBD7.2/50-150DL	3	2335			694												
XBD9.6/50-150DL	4	2550			824												
XBD12.0/50-150DL	5	2730			954												
XBD14.4/50-150DL	6	3080			1084												
XBD16.8/50-150DL	7	3310			1214												
XBD19.2/50-150DL	8	3440			1344												
XBD21.6/50-150DL	9	3570			1474												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD4.0/55-150DL	2	140 198 240	38.9 55 66.7	0.45 0.40 0.34	37	1480	3.0 3.5 4.1	825
XBD6.0/55-150DL	3	140 198 240	38.9 55 66.7	0.675 0.60 0.51	55		3.0 3.5 4.1	970
XBD8.0/55-150DL	4	140 198 240	38.9 55 66.7	0.90 0.80 0.68	75		3.0 3.5 4.1	1110
XBD10.0/55-150DL	5	140 198 240	38.9 55 66.7	1.125 1.00 0.85	90		3.0 3.5 4.1	1255

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD12.0/55-150DL	6	140 198 240	38.9 55 66.7	1.35 1.20 1.02	110	1480	3.0 3.5 4.1	1410
XBD14.0/55-150DL	7	140 198 240	38.9 55 66.7	1.575 1.40 1.19	132		3.0 3.5 4.1	1570
XBD16.0/55-150DL	8	140 198 240	38.9 55 66.7	1.80 1.60 1.36	132		3.0 3.5 4.1	1720
XBD18.0/55-150DL	9	140 198 240	38.9 55 66.7	2.00 1.80 1.56	160		3.0 3.5 4.1	1880
XBD20.0/55-150DL	10	140 198 240	38.9 55 66.7	2.20 2.00 1.76	160		3.0 3.5 4.1	2050

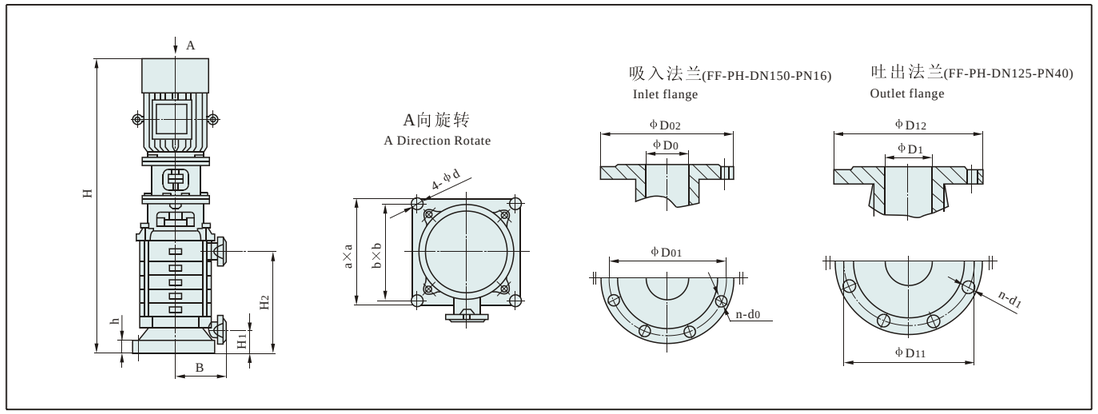


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 a×a	安装尺寸 H1	安装尺寸 H2	安装尺寸 h	安装尺寸 B	安装尺寸 b×b	安装尺寸 4-φd	吸入法兰 D0	吸入法兰 D01	吸入法兰 D02	吸入法兰 n-d0	吐出法兰 D1	吐出法兰 D11	吐出法兰 D12	吐出法兰 n-d1
XBD4.0/55-150DL	2	2080	600×600	213	564	73	380	550×550	φ24	150	240	285	8-φ22	125	220	270	8-φ26
XBD6.0/55-150DL	3	2335			694												
XBD8.0/55-150DL	4	2550			824												
XBD10.0/55-150DL	5	2730			954												
XBD12.0/55-150DL	6	3080			1084												
XBD14.0/55-150DL	7	3310			1214												
XBD16.0/55-150DL	8	3440			1344												
XBD18.0/55-150DL	9	3570			1474												
XBD20.0/55-150DL	10	3700			1604												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD3.8/60-150DL	2	140 216 240	38.9 60 66.7	0.45 0.38 0.34	37	1480	3.0 3.6 4.1	825
XBD5.7/60-150DL	3	140 216 240	38.9 60 66.7	0.675 0.57 0.51	55		3.0 3.6 4.1	970
XBD7.6/60-150DL	4	140 216 240	38.9 60 66.7	0.90 0.76 0.68	75		3.0 3.6 4.1	1110
XBD9.5/60-150DL	5	140 216 240	38.9 60 66.7	1.125 0.95 0.85	90		3.0 3.6 4.1	1255

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD11.4/60-150DL	6	140 216 240	38.9 60 66.7	1.35 1.14 1.02	110	1480	3.0 3.6 4.1	1410
XBD13.3/60-150DL	7	140 216 240	38.9 60 66.7	1.575 1.33 1.19	132		3.0 3.6 4.1	1570
XBD15.2/60-150DL	8	140 216 240	38.9 60 66.7	1.80 1.52 1.36	132		3.0 3.6 4.1	1720
XBD17.1/60-150DL	9	140 216 240	38.9 60 66.7	2.00 1.71 1.56	160		3.0 3.6 4.1	1880
XBD19.0/60-150DL	10	140 216 240	38.9 60 66.7	2.20 1.90 1.76	160		3.0 3.6 4.1	2050

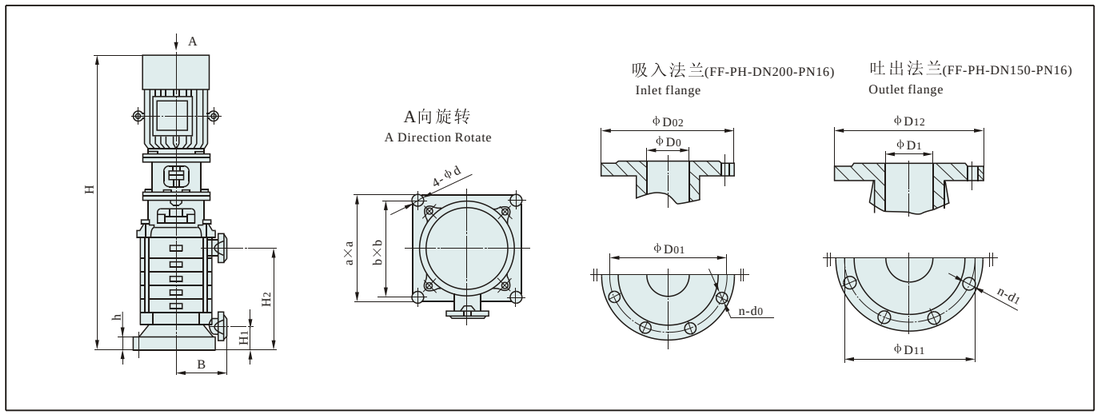


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 a×a	安装尺寸 H1	安装尺寸 H2	安装尺寸 h	安装尺寸 B	安装尺寸 b×b	安装尺寸 4-φd	吸入法兰 D0	吸入法兰 D01	吸入法兰 D02	吸入法兰 n-d0	吐出法兰 D1	吐出法兰 D11	吐出法兰 D12	吐出法兰 n-d1
XBD3.8/60-150DL	2	2080	600×600	213	564	73	380	550×550	φ24	150	240	285	8-φ22	125	220	270	8-φ26
XBD5.7/60-150DL	3	2335			694												
XBD7.6/60-150DL	4	2550			824												
XBD9.5/60-150DL	5	2730			954												
XBD11.4/60-150DL	6	3080			1084												
XBD13.3/60-150DL	7	3310			1214												
XBD15.2/60-150DL	8	3440			1344												
XBD17.1/60-150DL	9	3570			1474												
XBD19.0/60-150DL	10	3700			1604												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD4.3/65-200DL	2	200 234 324	55.6 65.0 90	0.46 0.45 0.40	55	1480	4.2 4.9 5.5	1900
XBD6.5/65-200DL	3	200 234 324	55.6 65.0 90	0.70 0.69 0.60	75		4.2 4.9 5.5	2530
XBD8.6/65-200DL	4	200 234 324	55.6 65.0 90	0.93 0.91 0.80	110		4.2 4.9 5.5	2850
XBD10.8/65-200DL	5	200 234 324	55.6 65.0 90	1.16 1.14 1.00	132		4.2 4.9 5.5	3170

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD13.0/65-200DL	6	200 234 324	55.6 65.0 90	1.39 1.37 1.20	160	1480	4.2 4.9 5.5	3850
XBD15.2/65-200DL	7	200 234 324	55.6 65.0 90	1.62 1.58 1.42	160		4.2 4.9 5.5	4150
XBD17.2/65-200DL	8	200 234 324	55.6 65.0 90	1.86 1.78 1.53	200		4.2 4.9 5.5	4470

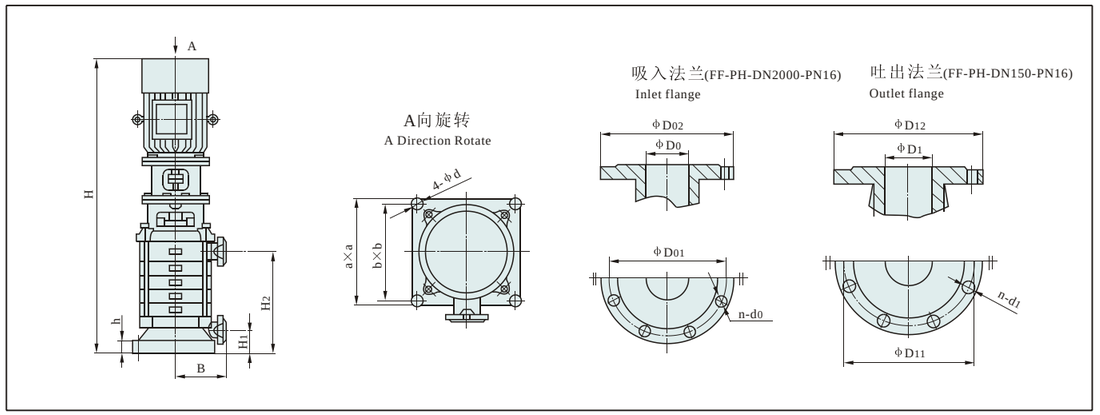


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 a×a	安装尺寸 H1	安装尺寸 H2	安装尺寸 h	安装尺寸 B	安装尺寸 b×b	安装尺寸 4-φd	吸入法兰 D0	吸入法兰 D01	吸入法兰 D02	吸入法兰 n-d0	吐出法兰 D1	吐出法兰 D11	吐出法兰 D12	吐出法兰 n-d1
XBD4.3/65-200DL	2	2533	550×550	182	624	50	350	480×480	φ27	200	295	340	12-φ23	150	240	285	8-φ23
XBD6.5/65-200DL	3	2903			808												
XBD8.6/65-200DL	4	3123			992												
XBD10.8/65-200DL	5	3273			1176												
XBD13.0/65-200DL	6	3638			1360												
XBD15.2/65-200DL	7	3788			1544												
XBD17.2/65-200DL	8	3938			1728												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD4.1/75-200DL	2	200 270 324	55 75 90	0.46 0.44 0.40	55	1480	4.2 4.9 5.5	1900
XBD6.1/75-200DL	3	200 270 324	55 75 90	0.70 0.66 0.60	75		4.2 4.9 5.5	2530
XBD8.2/75-200DL	4	200 270 324	55 75 90	0.93 0.88 0.80	110		4.2 4.9 5.5	2850
XBD10.3/75-200DL	5	200 270 324	55 75 90	1.16 1.10 1.00	132		4.2 4.9 5.5	3170

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD12.3/75-200DL	6	200 270 324	55 75 90	1.39 1.32 1.20	160	1480	4.2 4.9 5.5	3850
XBD14.4/75-200DL	7	200 270 324	55 75 90	1.62 1.53 1.42	160		4.2 4.9 5.5	4150
XBD16.5/75-200DL	8	200 270 324	55 75 90	1.86 1.66 1.53	200		4.2 4.9 5.5	4470

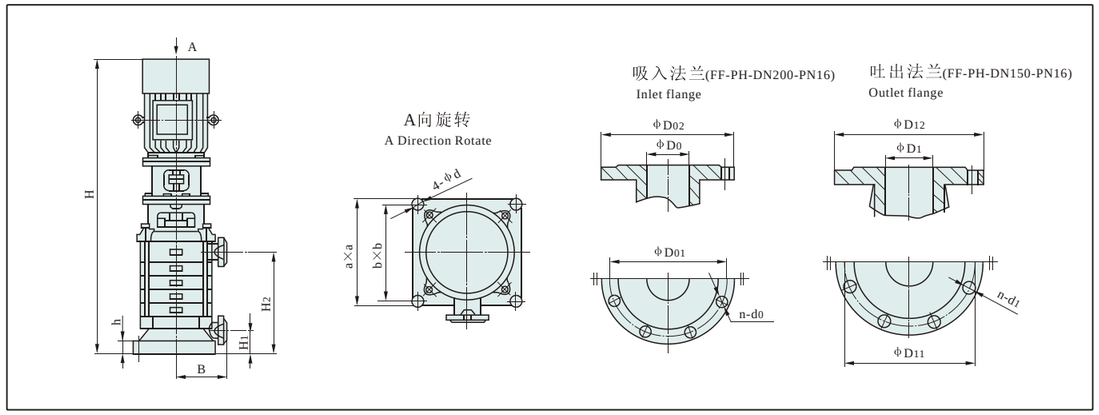


泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	外形尺寸 a×a	安装尺寸 H1	安装尺寸 H2	安装尺寸 h	安装尺寸 B	安装尺寸 b×b	安装尺寸 4-φd	吸入法兰 D0	吸入法兰 D01	吸入法兰 D02	吸入法兰 n-d0	吐出法兰 D1	吐出法兰 D11	吐出法兰 D12	吐出法兰 n-d1
XBD4.1/75-200DL	2	2533	550×550	182	624	50	350	480×480	φ27	200	295	340	12-φ23	150	240	285	8-φ23
XBD6.1/75-200DL	3	2903			808												
XBD8.2/75-200DL	4	3123			992												
XBD10.3/75-200DL	5	3273			1176												
XBD12.3/75-200DL	6	3638			1360												
XBD14.4/75-200DL	7	3788			1544												
XBD16.5/75-200DL	8	3938			1728												

XBD–DL型泵性能参数及外形安装尺寸图表 Performance data and installation

泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD4.0/80-200DL	2	210 288 342	58.3 80 95	0.45 0.40 0.36	55	1480	4.2 4.9 5.5	1900
XBD6.0/80-200DL	3	210 288 342	58.3 80 95	0.66 0.60 0.55	75		4.2 4.9 5.5	2530
XBD8.0/80-200DL	4	210 288 342	58.3 80 95	0.86 0.80 0.74	110		4.2 4.9 5.5	2850
XBD10.0/80-200DL	5	210 288 342	58.3 80 95	1.06 1.00 0.95	132		4.2 4.9 5.5	3170

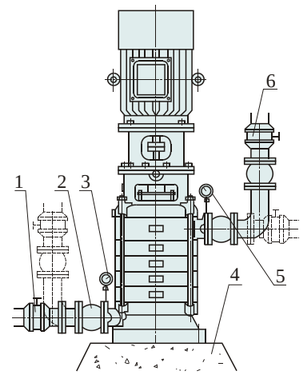
泵型号 Pump model	级数 Series	流量Capacity (m^3/h)	流量Capacity (L/s)	额定压力 Rated (MPa)	功率 Power (kW)	转速 Speed (r/min)	必需汽蚀余量 (NPSH)r (m)	重量 Weight (kg)
XBD12.0/80-200DL	6	210 288 342	55 75 90	1.27 1.20 1.14	160	1480	4.2 4.9 5.5	3850
XBD14.0/80-200DL	7	210 288 342	58.3 80 95	1.46 1.40 1.34	160		4.2 4.9 5.5	4150
XBD16.0/80-200DL	8	210 288 342	58.3 80 95	1.67 1.60 1.50	200		4.2 4.9 5.5	4470



泵型号 Pump model	级数 Series	外形尺寸 Figure dimension H	a×a	安装尺寸 Installation dimension H1	H2	h	B	b×b	4-φd	吸入法兰 Inlet flange D0	D01	D02	n-d0	吐出法兰 Outlet flange D1	D11	D12	n-d1
XBD4.0/80-200DL	2	2533	550×550	182	624	50	350	480×480	φ27	200	295	340	12-φ23	150	240	285	8-φ23
XBD6.0/80-200DL	3	2903			808												
XBD8.0/80-200DL	4	3123			992												
XBD10.0/80-200DL	5	3273			1176												
XBD12.0/80-200DL	6	3638			1360												
XBD14.0/80-200DL	7	3788			1544												
XBD16.0/80-200DL	8	3938			1728												

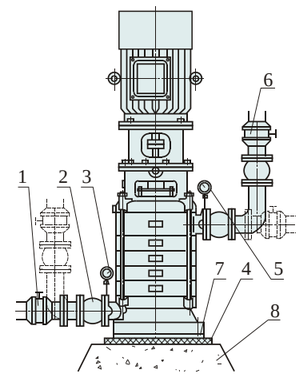
泵的几种安装方法 Several ways of installation

硬性联接(直接安装) Hard Link(Directly Mounted)



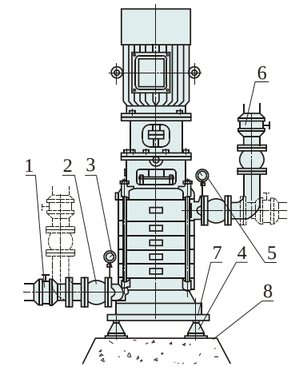
1	进口阀门 inlet valve
2	挠性接头 flexible union
3	进口压力表 inlet manometer
4	基础 basis
5	出口压力表 outlet manometer
6	出口阀门 outlet valve

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



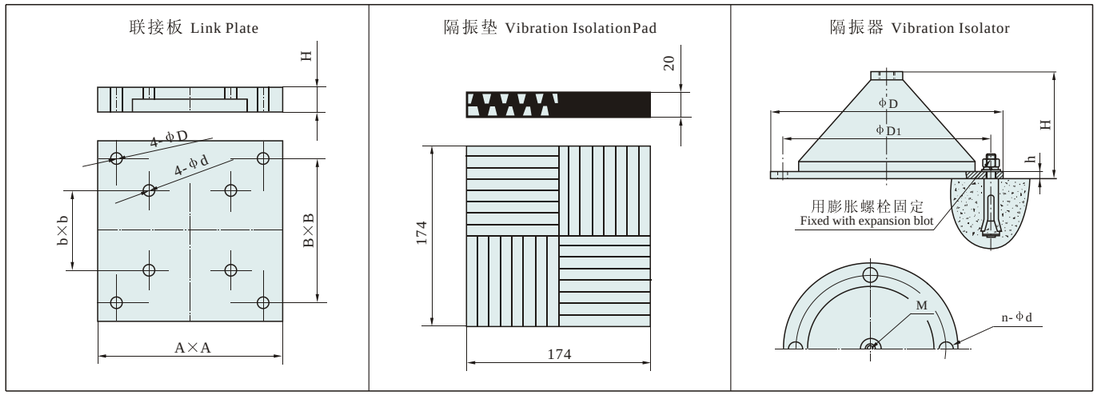
1	进口阀门 inlet valve
2	挠性接头 flexible union
3	进口压力表 inlet manometer
4	隔振垫 vibration isolation pad
5	出口压力表 outlet manometer
6	出口阀门 outlet valve
7	联接板 link plate
8	基础 basis

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



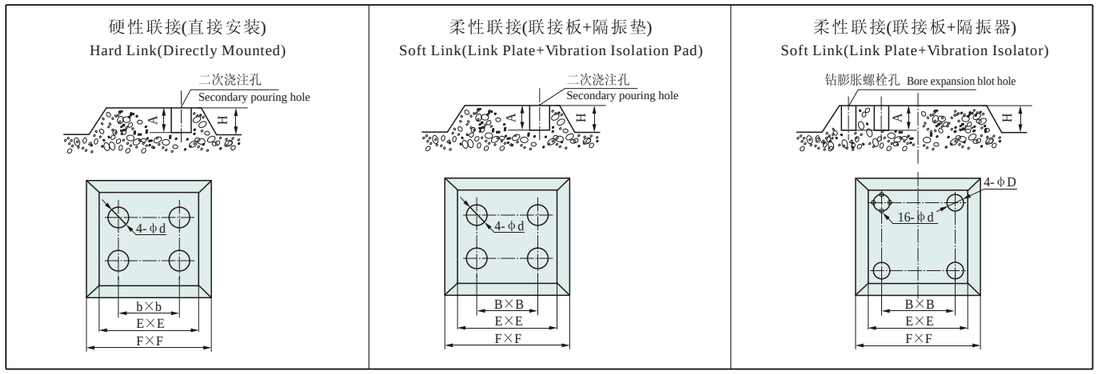
1	进口阀门 inlet valve
2	挠性接头 flexible union
3	进口压力表 inlet manometer
4	隔振器 vibration isolatior
5	出口压力表 outlet manometer
6	出口阀门 outlet valve
7	联接板 link plate
8	基础 basis

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



泵型号 Pump Model	联接板尺寸 Link plate dimension							隔振器尺寸 Vibration isolator dimension							
	型号 Model	A	B	b	d	D	H	型号 Model	M	D	D_1	H	h	n-Φd	配膨胀螺栓规格 Expansion bolt specs
50DL	2#	670	600	305	16	18	70	JG2-2	M12	150	130	65	9	4-Φ8.5	M8×80
65DL	3#	720	650	370	20	24	70	JG3-2	M16	200	170	87	9	4-Φ12.5	M12×110
80DL	4#	720	650	410	16	18	70	JG3-2	M16	200	170	87	9	4-Φ12.5	M12×110
100DL	5#	720	650	410	20	24	70	JG4-2	M20	290	260	133	9	4-Φ12.5	M12×110
150DL	6#	870	800	550	20	24	70	JG4-2	M20	290	260	133	9	4-Φ12.5	M12×110
200DL	7#	800	740	480	27	23	55	JG4-2	M20	290	260	133	9	4-Φ12.5	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	H	A	B	E	F	d	H	A	B	E	F	D	d
50DL	250	250	305	600	650	80	250	250	600	950	1050	80	250	60	600	950	1050	130	12.5
65DL	250	400	370	650	700	80	250	300	650	1000	1100	80	250	75	650	1000	1100	170	19
80DL	250	400	410	700	750	100	250	400	650	1000	1100	100	250	75	650	1000	1100	170	19
100DL	250	400	410	700	750	100	250	400	650	1000	1100	100	250	75	650	1000	1100	260	19
150DL	250	400/500	430/550	750	800	100	250	400	800	1000	1100	100	250	75	800	1100	1200	260	19
200DL	500	500	480	750	800	100	500	500	740	1000	1100	100	350	80	740	1000	1100	260	19

管路损耗参考表 Reference table for pipeline loss

直管摩擦损失简表(供估计用)100m直管损失米数以新铸铁管为标准，旧管加倍。
Brief table for the frictional loss of a straight pipe(for evaluation).the lost meters of a 100m straight pipe takes the newly cast iron pipe as the standard and multiple for the old one.

管径 Pipe diameter (mm)	流量 Capacity (L/s)																														
	1	2	4	6	8	10	15	20	25	30	40	50	60	70	80	90	100	110	120	130	140	160	180	200							
25	32.7	13.0																													
38	3.5	14	55																												
50	0.8	3.1	13	29																											
65		1.6	3.2	7.1	13	20																									
75		0.4	0.8	3.3	5.9	9.6	21.6						60																		
100			0.23	0.8	1.3	2.1	6.8	8.6	13	19.4																					
125				0.23	0.4	0.63	1.3	2.7	4.1	5.9	10.7																				
150					0.16	0.26	0.58	1.1	1.6	2.3	4.2	6.4	9.4																		
175						0.11	0.27	0.5	0.74	1.05	1.9	2.9	4.3	5.8	7.7	9.6															
200							0.13	0.26	0.37	0.53	0.93	1.5	2.1	2.9	3.7	4.7	6.1	7.2	8.5											
250								0.07	0.12	0.18	0.30	0.48	0.68	0.93	1.2	1.5	1.9	2.3	2.8	3.3	3.7	4.9	5.2								
300										0.07	0.12	0.19	0.27	0.37	0.49	0.61	0.76	0.9	1.1	1.3	1.5	2.0	2.4	3.0							

阀及弯管折合直管长度(每个)
The length of a straight pipe converted into from both valve and elbow(each)

种类 Variety	折合直管直径倍数 Convert into the times of the diameter of a straight pipe	备注 Remark
标准弯管 Standard elbow	12	未畅开加倍 Multiple in case of unopen
全开闸阀 Fully opened gate valve	25	
逆止阀 Back valve	100	
底阀 Foot valve	100	部分堵塞加倍 Partial block-up multiplied

注：例如100mm直径管，底阀折合100倍直径等于100×100=10000mm=10m直径长度，假定流量为8L/s查上表，直管每100m损失1.3m，则10m扬头0.13m，即一个100mm底阀，流量为8L/s时，则损失扬程0.13m。
Note:For instance, a 100mmdiameter pipe, the foot valve has a 100×100=10000mm=10m diameter when which is converted into 100 times that of the pipe s diameter. Suppose the flow is 8L/s, looked into the above table, the loss of the straight pipe is 1.3m each 100m, then the one for 100mm is 0.13m, that is, for a 100mm foot valve with a flow 8L/s, its head lowv is 0.13m.

一定管路直径之最大流量限制
Limit of the maximun flow for a pipe with a certain diameter

管路直径 Pipeline diameter (mm)	最大流量 Maximum flow (L/s)	最大流速 Meximum flow rate (m/s)	管路直径 Pipeline diameter (mm)	最大流量 Maximum flow (L/s)	最大流速 Meximum flow rate (m/s)
25	1	2.04	125	30.0	2.44
38	2.5	1.69	150	43.0	2.45
50	4.17	2.12	175	60.0	2.49
65	6.67	2.01	200	83.3	2.69
75	10.0	2.26	250	133.0	2.72
100	18.4	2.33	300	192.0	2.71

注：超过此限使管路损失显著增加。
Note: The pipeline loss would be made greatly increased once the limit is over.