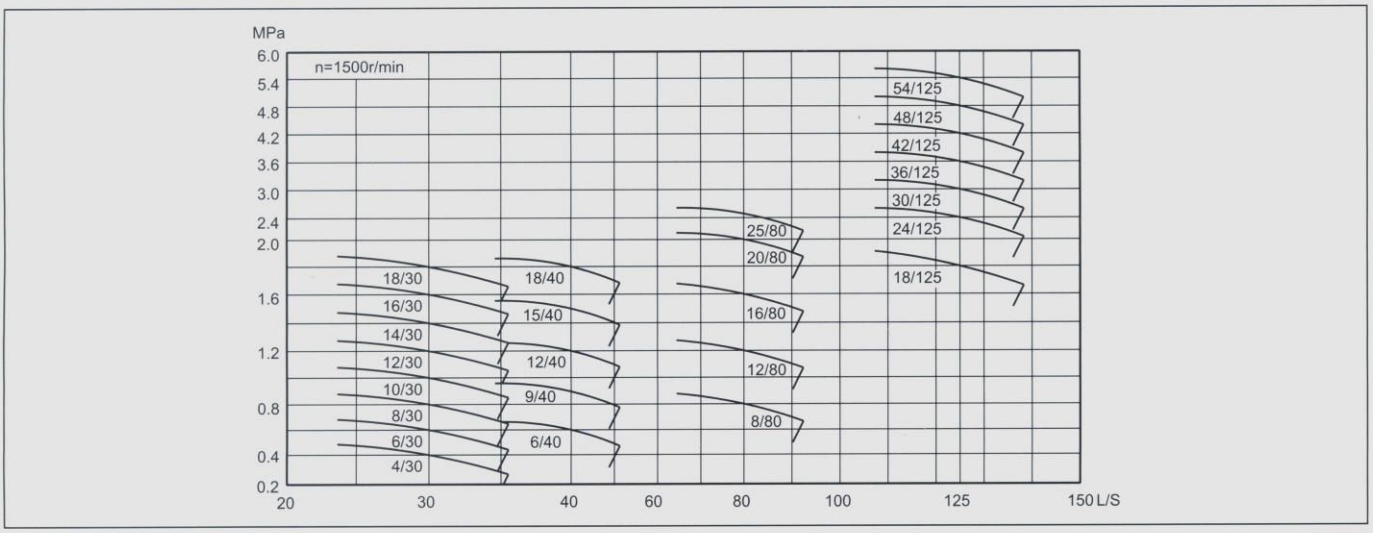
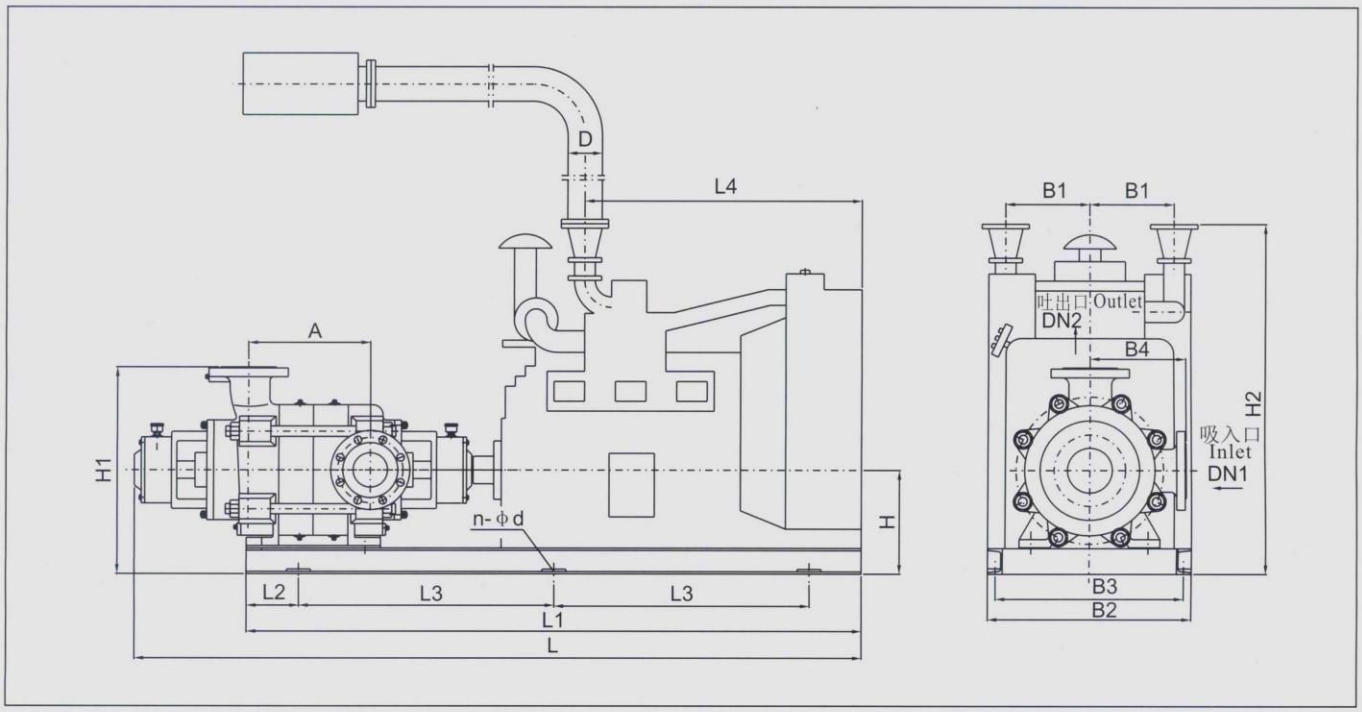
XBC-D型泵型谱图 SPECTRUM DIAGRAM OF XBC-D PUMP



XBC-D型泵性能参数 PERFORMANCE PARAMETERS OF XBC-D PUMP

序号 No.	型 号 Type	额定转速 Rated rotation speed (r/min)	额定流量 Rated flow (L/s)	额定压力 Rated pressure (MPa)	效率 Eff. (%)	必需汽蚀余量 (NPSH)r (m)	轴功率 Shaft power (kW)	配套柴油机功率 Power of related diesel (kW)	进/出口径 Inlet/outlet diameter (mm)	重量 Weight (kg)
1	XBC4/30-D	1500	30	0.4	75.5	4.1	15.6	26.5	125	475
2	XBC6/30-D	1500	30	0.6	75.5	4.1	23.4	40	125	555
3	XBC8/30-D	1500	30	0.8	75.5	4.1	31.2	58	125	640
4	XBC10/30-D	1500	30	1.0	75.5	4.1	39.0	58	125	726
5	XBC12/30-D	1500	30	1.2	75.5	4.1	46.8	75	125	840
6	XBC14/30-D	1500	30	1.4	75.5	4.1	54.6	75	125	923
7	XBC16/30-D	1500	30	1.6	75.5	4.1	62.4	110	125	1008
8	XBC18/30-D	1500	30	1.8	75.5	4.1	70.2	110	125	1093
9	XBC6/40-D	1500	40	0.6	77	3.9	32.8	58	150	490
10	XBC9/40-D	1500	40	0.9	77	3.9	49.3	75	150	575
11	XBC12/40-D	1500	40	1.2	77	3.9	65.7	110	150	660
12	XBC15/40-D	1500	40	1.5	77	3.9	82.1	110	150	745
13	XBC18/40-D	1500	40	1.8	77	3.9	98.5	161	150	830
14	XBC8/80-D	1500	80	0.8	77	4.7	85.2	110	200	667
15	XBC12/80-D	1500	80	1.2	77	4.7	127.7	161	200	787
16	XBC16/80-D	1500	80	1.6	77	4.7	170.3	220	200	907
17	XBC20/80-D	1500	80	2.0	77	4.7	212.9	279	200	1027
18	XBC25/80-D	1500	80	2.5	77	4.7	255.5	279	200	1147
19	XBC18/125-D	1500	125	1.8	79	4.9	229.2	338	250	1750
20	XBC24/125-D	1500	125	2.4	79	4.9	372.3	441	250	2000
21	XBC30/125-D	1500	125	3.0	79	4.9	465.4	507	250	2250
22	XBC36/125-D	1500	125	3.6	79	4.9	558.5	600	250	2500
23	XBC42/125-D	1500	125	4.2	79	4.9	651.5	882	250	2750
24	XBC48/125-D	1500	125	4.8	79	4.9	744.6	882	250	3000
25	XBC54/125-D	1500	125	5.4	79	4.9	837.7	900	250	3250

XBC-D型泵安装尺寸图表 INSTALLATION DIMENSION DIAGRAM OF XBC-D PUMP



序号 No.	型 号 Type	L	L1	L2	L3	L4	a	B1	B2	B3	B4	H	H1	H2	n-φd	DN1	DN2	D	重量 Weight (kg)
1	XBC4/30-D	2300	2300	350	800	510	325	250	650	600	350	450	800	1120	6-φ25	125	125	64	1100
2	XBC6/30-D	2430	2400	400	800	680	450	380	820	760	350	500	850	1120	6-φ25	125	125	64	1350
3	XBC8/30-D	2790	2700	500	850	920	575	380	820	760	350	500	850	1120	6-φ25	125	125	64	1780
4	XBC10/30-D	2920	2900	250	800	920	700	380	820	760	350	500	850	1120	8-φ25	125	125	64	1820
5	XBC12/30-D	3040	3000	300	800	920	825	380	820	760	350	500	850	1120	8-φ25	125	125	64	1960
6	XBC14/30-D	3170	3100	350	800	920	950	380	820	760	350	500	850	1120	8-φ25	125	125	64	2020
7	XBC16/30-D	3560	3500	400	900	1100	1075	280	900	840	350	500	850	1350	8-φ25	125	125	133	2480
8	XBC18/30-D	3700	3680	490	900	1100	1200	280	900	840	350	500	850	1350	8-φ25	125	125	133	2560
9	XBC6/40-D	2560	2500	450	800	920	310	380	820	760	350	500	850	1120	6-φ25	150	150	64	1800
10	XBC9/40-D	2610	2600	500	800	920	425	380	820	760	350	500	850	1120	6-φ25	150	150	64	1900
11	XBC12/40-D	3060	3000	300	800	1100	540	280	900	840	350	500	850	1350	8-φ25	150	150	133	2400
12	XBC16/40-D	3180	3000	300	800	1100	655	280	900	840	350	500	850	1350	8-φ25	150	150	133	2500
13	XBC18/40-D	3340	3200	400	800	1300	770	330	900	840	350	500	850	1430	8-φ25	150	150	133	2650
14	XBC8/80-D	2960	2900	250	800	1100	373	280	900	840	450	550	950	1400	8-φ25	200	200	133	2550
15	XBC12/80-D	3070	3000	300	800	1300	503	330	900	840	450	550	950	1430	8-φ25	200	200	133	2700
16	XBC16/80-D	3420	3400	350	900	1500	633	770	1100	1030	450	650	1055	1300	8-φ25	200	200	133	3450
17	XBC20/80-D	3520	3500	400	900	1500	763	770	1200	1130	450	650	1055	1330	8-φ25	200	200	133	3500
18	XBC25/80-D	3650	3600	450	900	1500	893	770	1200	1130	450	650	1055	1330	8-φ25	200	200	133	3530
19	XBC18/125-D	3650	3600	450	900	1500	574	860	1200	1130	500	700	1250	1380	8-φ25	250	250	133	4550

注:1、设备各安装孔，如φ20、φ25所配地脚螺栓分别用M16×240和M20×300;

2、表中为柴油机没配离合器的机组安装尺寸，如柴油机需配离合器的机组订货时应注明，安装尺寸需作调整;

3、柴油机功率大于220kW时，其排气管有两个在机组轴线两端均布。

Note: the pump set's mounting holes, like φ20 and φ25, shall adopt M16×240 and M20×300 anchor bolts;

2. The installation dimensions are for the pump sets whose diesel is not provided with the clutch, and if the clutch is needed, it shall be noted in the order to adjust installation dimensions;

3. When the diesel's power is higher than 220kW, two of its exhaust pipes are evenly distributed on both ends of the pump set's axis.

设备安装注意事项

1、机组两侧及冷却风扇、水箱前方位应留有一米左右通道和空间，以利于更佳散热、设备维修及维护。机房高度应根据设备高度及起吊设备而定，一般有效高度为3~5米。

2、泵的机组应有足够的刚度来支撑泵及吸收振动，采用高出地面的混凝土平台能防止水淹机组并能保持场地的整洁。机组用地脚螺栓固定，地脚螺栓的长度为螺栓直径的15倍，地脚螺栓伸出螺栓孔高度为螺栓直径的2倍左右。为更好的定位机组，地脚螺栓预留孔应大于地脚螺栓直径4倍以上，采用二次灌浆。基础中间和四周面应布置沟槽，以便污水排放。基础台面的各边应超出机组底座四周200~300mm。机组混凝土地基应坚固平整，机组安放在基础上时，地脚螺栓左右将垫片置于底座与基础之间，垫片必须平整。将水平仪置于泵轴上以校正传动轴的水平，底座与泵调整好后，二次灌注地脚螺栓水泥，水泥硬化后将地脚螺栓均匀拧紧，然后将底座灌上水泥，以确保机组稳固。

最后校正消防泵与柴油机之间传动轴的同轴度，两轴联轴器外圆须成直线且之间间隙均匀相等。

按照基础台面的总重至少与机组的湿重相等的原则，基础台面的总厚度按下面公式计算：

NOTES FOR EQUIPMENT INSTALLATION

1. A 1m passage or space shall be left respectively on both sides of the pump set and in front of the cooling fan and the water tank for better heat dissipation and easier maintenance of the set. The pump room's height shall be subject to the pump set height and the hoisting equipment, and generally the effective height is 3-5m.

2. The pump set shall be rigid enough to support the pump and absorb the oscillation. It shall adopt a concrete platform above the ground to prevent water from drowning the set and keep the site clean. The set shall be fixed with anchor bolts, whose length is 15 times of their diameter, and whose height of protruding out of the bolt hole is about 2 times of their diameter. To locate the set better, the preformed hole of anchor bolts shall be over 4 times bigger than their diameter, with secondary grouting. Grooves shall be arranged in the middle of and around the foundation for sewage discharge. The foundation platform's edges shall be 200~300mm beyond the four sides of the set base. The set's concrete foundation shall be firm and flat. When the set is mounted on the foundation, the gaskets shall be flat and put between the base and the foundation and on both sides of anchor bolts. Put a leveler on the pump shaft to level the shaft. After the base and the pump are adjusted, carry out secondary grouting for anchor bolts. After cement is hardened, screw down anchor bolts evenly. Then grout the base to ensure the pump set is stable and fixed.

Finally calibrate the coaxiality of drive shafts between the fire pump and the diesel. The coupling excircle of both shafts shall be aligned and the clearance in between shall be even and equal.

On the principle that the foundation platform's gross weight shall be equal to the pump set's wet weight at least, the foundation platform's total thickness shall be calculated with the following formula:

$$H = G / (\gamma \times B \times L)$$

- H — 基础厚度(m) Foundation thickness
- G — 机组总湿重(kg) Gross wet weight of pump set
- γ — 混凝土密度(2403kg/m^3) Concrete density
- B — 基础台面宽度(m) Foundation platform width
- L — 基础台面长度(m) Foundation platform length

设备安装注意事项

3、泵房安装环境：为保证泵通风良好，温度不超过40℃，机房内应设有充足的通风排气口，当自然通风不能满足通风散热要求时，应在排气口分别安装进排气风机，以增强机房排气能力。

4、进、排气管的连接：为保证机房内空气新鲜，避免大量热量散发在室内，降低噪音，应将柴油机排气管用石棉包裹接到室外并加装防雨装置或30度朝下安装，并加装消音器。排气弯管应尽量少，弯管弯曲半径应大于排气管外径的2.5倍，对排气管的支撑应考虑降低振动且避免其重量加在柴油机上等因素。除了在清洁的环境中工作外，进气管上一般装有空气过滤器。当采用加长的进气管道时，则必须有足够的进气截面，且不宜过长且急转弯，否则会增加进气阻力，从而影响柴油机的工作性能。另外必须注意进气管路的密封性，否则会导致柴油机很快磨损。

5、固定式柴油机排气系统的安装：排气管外接一般引向室外或地下管道，它不宜过长或急转弯，弯头不宜多于3个。按管内径非增压柴油机不小于直径75mm，增压柴油机不小于直径98mm，以免增加排气背压，降低功率输出。

6、燃油管路的外装：燃油管路的外接系统指输油泵的进油管、燃油滤清器的回油管与燃油箱之间的连接，各机型的进回油管接头为直径10×1管子，外接管采用相应大小的紫铜管或塑料管。燃油箱容量要足以存放供柴油机工作6小时以上的燃油。燃油箱应保证供油最低油位不低于输油泵中心的一米。燃油箱不应靠近热源（如排气管）和电器设备。进油管的吸油口必须高于燃油箱底面50mm以上。最好在吸油口再装一粗过滤网，以免将沉淀物吸入而堵塞油路，为便于清洗，燃油箱底部需设有泄放阀门。

NOTES FOR EQUIPMENT INSTALLATION

3. Installation environment of pump room: to ensure the pump is well-ventilated with a temperature not higher than 40℃, the room shall be provided with enough ventilating and exhaust outlets. When the natural ventilation can't meet the requirement for ventilation and heat dissipation, it's necessary to mount air intake and exhaust fans respectively on air outlets to strengthen the room's exhaust capacity.

4. Connection of air intake and exhaust pipes: to ensure fresh air, prevent excessive heat emanation and lower noise in the room, the diesel air exhaust pipe shall be wrapped with asbestos to be connected to the outdoor space and mounted with an additional rainproof device or mounted downwards at 30, and mounted with an additional muffler as well. The exhaust elbows shall be as few as possible and the elbow's bending radius shall be 2.5 times bigger than the exhaust pipe's outer diameter. The exhaust pipe's supporting shall take such factors in consideration as vibration reduction and avoidance of its weight on the diesel. Generally the air intake pipe is mounted with an air filter. When a lengthened air intake pipeline is adopted, it's necessary to have an enough air intake section without overlength and sharp turns, or else the intake resistance will be increased and the diesel's working performance will be affected. In addition, the air intake pipeline's airtightness must be noted, otherwise the diesel will be worn out soon.

5. Installation of the stationary diesel's air exhaust system: the exhaust pipe's external connection is led to the outdoor space or the underground pipeline generally, which shall not be overlong or have any sharp turns and whose elbow number shall not exceed 3. The connection pipe's inner diameter shall not be less than 75mm for a non-supercharged diesel and not less than 98mm for a supercharged one to avoid increasing the exhaust back pressure and reducing the power output.

6. External connection of fuel oil pipeline: the fuel oil pipeline's external connection system refers to the connection of the fuel oil tank to the oil transfer pump's oil inlet pipe and the fuel oil filter's oil return pipe. The oil inlet and return pipes' joints of various engine types adopt the diameter 10× 1 pipes, and the external connection adopts copper or plastic pipes of corresponding sizes. The oil tank's capacity shall be big enough to store the oil for more than 6 hours of working of the diesel. The lowest level of supplied oil in the fuel oil tank shall not be 1m lower than the oil transfer pump's center. The fuel oil tank shall be kept away from heating sources (such as exhaust pipes) and electric equipment. The oil inlet pipe's inlet must be 50mm higher than the fuel oil tank's bottom surface. An additional coarse strainer shall be mounted at the inlet at best to prevent the sediment from being sucked and jamming the oil way. To facilitate cleaning, a bleed valve shall be mounted on the fuel oil tank's bottom.

设备安装注意事项

7、消防泵进出管网的安装：应注意其重量不允许加在消防泵上，以避免水泵受损和影响水泵性能。泵进出口管路应尽量短且直。当进口管为自灌时，管路应朝泵方向上斜安装，确保管路内不存空气。进水管口应设置过滤网、挠性接头，出口管路上应设置有挠性接头、止回阀、闸阀等。

8、柴油机控制柜的安装：不允许将控制柜安装在柴油机散热器的正前方，否则会影响柜内电器元件的正常工作，控制柜尽量布置在机组两侧或附近，以便操作方便。控制柜与柴油机之间的连线长度不得超过35m。

设备的起停和运行

1、起动：开机之前应先确定消防泵的运转方向是正确的。管网在无水起动前，进口阀常开，出口阀常闭。无误后起动消防泵，应消防泵运转稳定逐渐打开出口阀并调节到泵运行的工况点。平时管网有水时出口阀常开。对于135系列柴油机，设备第一次开机时，需通过操作手动油泵给柴油机喷油嘴逐个放气。然后检查柴油机机油、水、蓄电池电压等是否完好。柴油机油是否符合所需标号的柴油，油箱要加满柴油，机油是否加到允许刻度，水箱要加满符合要求的水质，在环境温度低于5℃时，水中要加注防冻液，在水箱未加入水之前，严禁给加热器通电，否则将损坏加热器。电路线路要正确。

手动开机：

A、合上控制柜内24V电源开关，将控制柜上手动/自动转换开关转至手动位置，按下停机按钮，检查停机电磁铁能否正常吸合，保证在紧急情况下停机。

NOTES FOR EQUIPMENT INSTALLATION

7. Installation of inlet and outlet pipeline network of fire pump: it shall be noted the pipeline's weight is not allowed to be exerted on the fire pump to prevent the water pump from being damaged and affected in its performance. The pump's inlet and outlet pipelines shall be as short and straight as possible. When the inlet pipe is self-filling, the pipeline shall be installed in a direction up a slope towards the pump and it shall be ensured that there is no air in the pipeline. The water inlet pipe's orifice shall be mounted with a filter screen and a flexible joint while the outlet pipeline with a flexible joint, a check valve, a gate valve and so on.

8. Installation of diesel control cabinet: it's not allowed to install the control cabinet right ahead of the diesel's heat sink, or else that will affect normal work of electric elements in the cabinet. The control cabinet shall be arranged on both sides of or near the pump at best, easy for operation. The wire length between the control cabinet and the diesel shall not exceed 35m.

START, STOP AND OPERATION OF EQUIPMENT

1. Starting: before starting, it's necessary to make sure that the fire pump's running direction is correct. Before starting without water, the pipeline's inlet valve is normally open and the outlet valve normally closed. If correct, start the fire pump. After the pump runs stably, open the outlet valve gradually and adjust it to the working point for the pump's operation. At ordinary times the outlet valve is normally open when there is water in the pipeline. As for 135 series diesel, it's necessary to deflate diesel's oil injection nozzles one by one by means of operating the manual oil pump for the first starting of the pump set. Then check whether the diesel engine oil, water and the accumulator voltage are in a good condition, and whether the diesel engine oil conforms to the required grade of diesel oil. The oil tank shall be filled with diesel oil. Check whether the engine oil is filled up to the allowed scale. The water tank shall be filled with conforming water. When the ambient temperature is lower than 5℃, the anti-freeze fluid shall be added into water. Before water is filled into the water tank, it's strictly prohibited to electrify the heater, or else the heater will be damaged. The circuit shall be correct.

Manual starting:

A. Switch on the 24V power switch inside the control cabinet, turn the manual/automatic change-over switch on the control cabinet to the manual position, press the stop button and check whether the electric magnet can pick up normally to ensure emergency stop.

设备的起停和运行

B、通过操作控制柜上的加速、减速按钮，先预调整油门控制器的转速限位开关的位置（带有预供油泵的要先按下预供油泵按钮60S，由柴油机本身润滑油循环系统自行建立一定的润滑油压力，保证自身的润滑油循环），按下起动按钮，起动柴油机，完全起动后，迅速松开按钮（从按下起动按钮至松开按钮的时间不宜超过10S），观察油压是否正常，水温是否正常。等油压和水温显示正常，点动加速按钮，缓缓加速到800r/min，调整油门控制器，把低速、超低速限位调好，再逐渐加速到额定转速，再调整油门控制器把高速、超高速限位开关调好。开机运行一段时间后，观察柴油机工作是否正常，同时要检查水泵的轴封和轴承的运行情况。

2、运行：消防泵转为正常运行时，应检查轴的密封和观察轴承的运行情况。机械密封的泄漏量应不超过3滴/分钟，填料密封的泄漏量应为点滴状。轴承的温度不应超过75℃，温升不应超过35℃，消防泵运行过程中如有异常声音应停机检查。

3、停机：停泵前应先关出口阀，再停柴油机

维护与保养

1、根据消防泵规范要求，机组必须至少15天运行一次，运行时间不少于15分钟，以确保消防泵随时处于良好状态。

2、消防泵每次起泵时应检查轴的密封是否正常，是否需要调整或更换。

3、应定期加注轴承润滑油（脂）。

4、如消防泵长期停用，应排尽泵腔内水液，以防环境温度过低而冻裂泵体等零部件。

5、应及时对柴油机进行日常维护和保养，检查冷却水量、机油量、电瓶电压、油压表、温度表及其它控制装置是否正常。

START, STOP AND OPERATION OF EQUIPMENT

B. Pre-adjust the position of the throttle controller's rotation speed limit switch by means of operating the acceleration/deceleration button on the control cabinet (if with a priming oil pump, it's necessary to press the priming oil pump button for 60S and the diesel's own lubricating oil circulation system will build up a certain lubricating oil pressure independently to ensure its own lubricating oil circulation). Press the starting button to start the diesel. After complete starting, release the button quickly (the time from pressing the starting button to releasing it shall not exceed 10S at most). Observe whether oil pressure and water temperature are normal. When oil pressure and water temperature are displayed to be normal, jog the acceleration button to speed up to 800r/min slowly. Adjust the throttle controller with proper low speed and ultra-low speed limits. Then speed up to the rated speed gradually. Next adjust the throttle controller again with proper high speed and ultra-high speed limit switches. After some time of starting and operation, observe whether the diesel works normally and also check the working conditions of the water pump's shaft seal and bearing.

2. Operation: when the fire pump becomes to work normally, it's necessary to check the shaft seal and observe the bearing's working condition. The mechanical seal's leakage shall not exceed 3 drops/min and the packing seal's leakage shall take a drop shape. The bearing's temperature shall not exceed 75℃ and the temperature rise shall not exceed 35℃. In case of any abnormal noise during the fire pump's operation, it's necessary to stop and check.

3. Stop: it's necessary to close the outlet valve first before stopping the diesel.

MAINTENANCE

1. As required by fire pump specifications, the pump set must be operated every 15 days at least with operation time not less than 15min to ensure that the pump is in a good state all the time.

2. Every time before the fire pump is started, it's necessary to check whether the shaft seal is normal and whether it shall be adjusted or replaced.

3. The lubricating oil (grease) shall be applied onto the bearing on a regular basis.

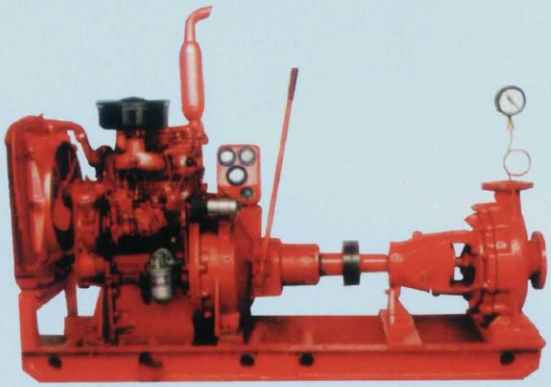
4. If the fire pump is to be idle for long, it's necessary to empty the water liquid inside the pump chamber to avoid the frost crack of such parts as pump body due to a too low ambient temperature.

5. Current maintenance shall be done in time for the diesel. Check whether the cooling water quantity, the engine oil quantity, the storage battery voltage, the oil pressure gauge, the thermometer and other control devices are normal.

该产品已被中国消防产品信息网公开发布；欲知详情请查询中华人民共和国公安部

This product has been published on www.cccf.com.cn, For further details, please inquire the Ministry of Public Security of the People's Republic of China

网址：http://www.mps.gov.cn



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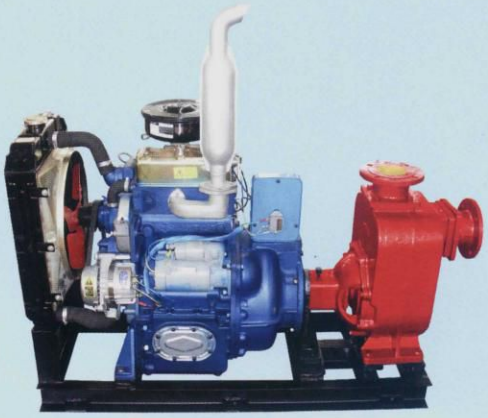

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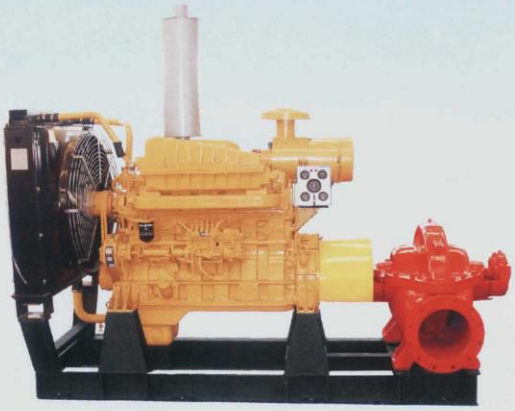

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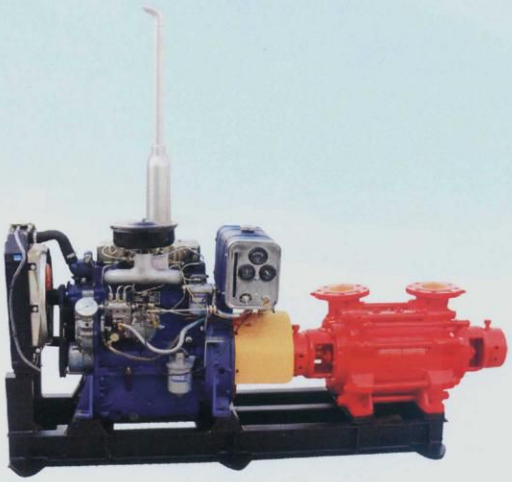
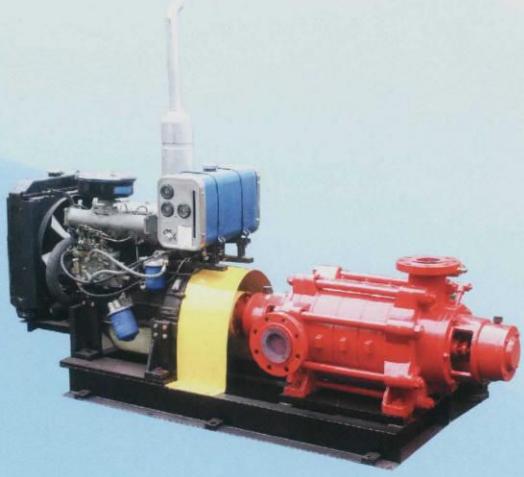


XBC-D



XBC-TSWA

XBC-GTOS

SENTTY 高田制泵

XBC 系列柴油机消防泵组
Series Diesel Engine Fire Pump Unit

上 海 高 田 制 泵 有 限 公 司

SHANGHAI SENTTY PUMP MANUFACTURE CO., LTD.

Company Profile

进入 高田 企业

上海高田泵业制泵有限公司是专业从事各类水泵及给排水成套设备的研究、开发、生产和销售的企业，工厂占地区性15000㎡，地处上海市金山区亭林镇工业南区林盛路178号，西靠嘉金高速公路，距机场18公里，地理位置优越，交通便利。公司一贯重视产品质量和管理体系的建设，并通过了ISO9001质量体系的认证。

公司现有员工300多人，其中工程技术人员50余人，产品严格按照质量标准组织生产，拥有先进的水泵微机控制测试系统，保证了每一台水泵合格出厂。产品涵盖清水泵、空调泵、化工泵、排污泵、成套给水设备、电控拒，多达二十多个系列一千多个品种，广泛应用于市政工程、电站、水厂、宾馆、工矿企业、建筑给排水、暖通、制冷、排污、消防、石油与化工、医药食品卫生等行业，以可靠的质量和合理的价格深受广大用户的青睐。

不断的创新和发展是我们的宗旨，公司及时跟踪泵业新动态，了解和吸收新技术、新产品，一贯致力于新产品特别是立式泵的研发。近年来连续在市场上首先推出了GTW型卧式泵、GTL型立式泵、GTB型便拆式离心泵、GTSB型立式便拆双吸泵、GTOS型单级双吸中开泵、GDL型立式管道多级泵、DL型立式多级泵、WQ型排污泵等，深受广大用户的欢迎。公司同时为用户单独设计制造特殊参数和特殊材质的各类水泵。

公司已在全国设立了三十多个销售处和售后服务中心，拥有完善的质量服务体系，您定能从我们广泛的产品系列中选取所需的规格和型号。我们将继续以新的产品“卓越的品质回报广大客户”，“以没有最好、只有更好”的服务宗旨，为您提供优良的产品和完善的售前、售后服务。

Shanghai Sentty Pump Manufacture Co., Ltd. is an enterprise specialized in manufacturing and selling various water pumps and its accessories. Our factory occupies an area of 15000m², which is located in No.178 Iinsheng Rd, Southern Industrial Zone, Tinglin Town Jinshan District, Shanghai. It has a convenient transportation with Jiajin Freeway to its west and 18 km away from the airport. Our company always pays great attention to product quality and the construction of quality management system, and we passed the ISO9001 quality system certification in 1998.

Our company now has over 300 employees, including about 50 technicians. The products are manufactured strictly according to standards and every pump is guaranteed to be qualified before leaving the factory with the advanced microcomputer control testing system. Our product ranges cover more than one thousand types of over 20 series such as clear water pump, air conditioner pump, chemical pump, drainage pump, fire pump, water supply equipment and electric controlled cabinet, which are applied to a lot of industries such as municipal projects, power stations,water factories, hotels,industrial and mining enterprise, building water supply and drainage, heating systems, cooling, drainage, fire fighting, petroleum, chemical industry,medicine, food and sanitary and other industries, and they received favors from a wide range of customers with reliable quality and reasonable price.

Continuous innovation and development are our aims. Our company not only tracks on the new trends in pump industry in time, but also finds out andabsorbs the new technology and new products, and we devote ourselves in developing new products especially the vertical pumps. In recent years, weare the first to launch the GTW horizontal pump,GTL vertical pump, GTB easy-disassembly centrifugal pump, GTSB vertical easy-disassembly double suction pump,GTOS singie-stage splid double suction pump, GDL vertical multistage pipeline pump,DL vertical Multistage centrifugal pump,WQ sewage pump,which are all very popular among customers. Our company also designs and manufactures various water pumps of special parameters and special materials for users.

上海高田工业园

Our company has a complete quality service system with more than 30 sales offices and after sales service centers established through out the country. You surely can find the necessary specification and type within our wide product ranges. We will respond to our customers with new products and excellent quality and provide you with excellent products,complete pre-sales and after sales service under the aim of "There is no the best but only the better!"

SENTTY

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产品概述

XBC 系列柴油机消防泵机组是本公司严格按照国家标准GB6245-2006《消防泵》及美国消防协会NFPA20《离心消防泵的安装》等技术要求研制开发的一种新型的多功能消防设备。XBC系列产品集工业自动化控制技术，流体机械和机械制造为一体，本公司根据机组设备按所配用的消防泵可分为XBC-IS、XBC-ZX、XBC-GTOS、XBC-S、XBC-TSWA、XBC-D等六大系列产品。

由于配用柴油机动力泵组不受电源的限制，能更好地为消防应急提供安全保障。同时柴油机的调速功能，使机组设备的用途和性能更为广泛，压力、流量可调性能进一步提高。随着工业自动化的不断发展，本公司还配备自行研制全自动控制系统，所有电器都采用国内外知名品牌元件，使泵组的使用性，安全性有了可靠的保障。完全能满足仓库、码头、机场、石油化工、电厂、液化气站、纺织等工矿企业的各种场合。柴油机消防泵组将在我国的现代化建设中发挥更加积极的作用。

该系列设备配用的柴油机均采用国产或进口优质产品，具有启动特性好，过载能力强，结构紧凑，维修方便，使用简单，自动化程度高等特点，是一种先进，性能可靠的消防设备。

目前我公司生产的XBC型柴油机消防泵组系列已全部取得中国消防产品认可证书，部分已远销欧美及东南亚等国。根据GBJ45-82高层民用建筑设计防火规范要求，必须配备柴油机消防泵机组，因此，具有广阔的发展前景。

XBC系列柴油机消防泵组的性能范围

流量范围：5~1000L/s

配用功率：5.5~1200kW

压力范围：0.2~2.5MPa

转速：1500r/min 1800r/min 2400r/min

PRODUCT INTRODUCTION

XBC series diesel fire pump set is a new kind of multi-functional fire control equipment developed by our company strictly conforming to such technical requirements as the national standard GB6245-2006 Fire Pump, and the National Fire Protection Association NFPA20: Installation of Centrifugal Fire Pumps. XBC series integrates industrial automatic conttec technology, fluid machinery and mechanical manufacture. According to the related fire pump types for pump sets, it's divided into six major series: XBC-IS, XBC-ZX XBC-GTOS , XBC-S, XBC-TSWA and XBC-D.

As the related diesel power pump set is not restricted by power supply, it can provide a better safety guarantee for emergent fire control; meanwhile the diesel's speed control function contributes to a wider scope for the pump set's application and performance plus further improvement in the adjustability of pressure and flow. With progressive development of industrial automation, our company provides a fully automatic control system developed by ourselves and all electric units adopt elements from famous brands both at home and abroad, with a reliable guarantee for the pump set's usability and safety. It's applicable for various occasions like warehouses, docks, airports, petrochemical engineering, power plants, liquefied gas stations, textiles and other industrial and mining enterprises. The diesel fire pump set will play a more positive role in China's modernization building.

This pump set series adopts a high-quality home-made or imported diesel, which is featured by its good starting characteristic, strong overload capacity, compact structure, user-friendly maintenance and operation and high automation degree. Therefore, it's a kind of advanced fire control equipment with reliable performance.

So far we've gained China's approval certificate of fire control products for all of our XBC diesel fire pump set series. Some of them are exported to Europe, America, Southeast Asia and so on. According to requirements in GBJ45-82 Code for Fire Protection Design of High-rise Buildings, the diesel fire pump set must be installed. Therefore, it has a promising development prospect.

PERFORMANCE RANGE OF XBC SERIES DIESEL FIRE PUMP SET

Flow range: 5-1,000L/s

Related power: 5.5-1,200kW

Pressure range: 0.2-2.5MPa

Rotation speed: 1,500r/min; 1,800r/min; 2,400r/min

XBC系列柴油机消防泵组的工作范围

环境大气压力：＞90KPa

环境温度：5℃~40℃

空气相对温度≤90%

海拔高度≤1000m

水质：常温清(淡)水在非正常的条件下柴油机的功率会达不到额定功率，为保证正常工作，应选用较大功率的柴油机与水泵配套。

WORKING RANGE OF XBC SERIES DIESEL FIRE PUMP SET

Ambient atmospheric pressure: ＞90KPa

Ambient temperature: 5~40℃

Air RH ≤90%

Elevation ≤1,000m

Water quality: The diesel's power will not reach the rating for normal-temperature clear (fresh) water in abnormal conditions, so it's necessary to adopt a high-power diesel for the water pump to ensure normal operation.

型号意义 TYPE DESIGNATION

XBC 4.0 / 50 - GTOS (IS、ZX、S、TSWA、D)

- 消防泵的型式 Fire pump types
- 泵组额定流量(L/s) Pump set's rated flow (L/s)
- 泵的10倍额定压力(MPa) Pump's 10 times of rated pressure (MPa)
- 柴油机消防机组 Diesel fire pump set

性能特点

一、具有完善的三种起动功能：

1、手动起动功能：通过转换开关可完成手动、自动联锁并可实现手动起动功能；

2、自动起动功能：允许起动三次、如三次起动不成功则发出“起动失败报警”并自动退出起动状态；一次起动成功后起动到额定负载时间为5-10-15S（按机组容量大小各异）；

3、紧急手动直接起动功能：当自控装置故障时可实现紧急手动直接起动功能。

二、自动运行：当水泵机组接到有效消防信号后，如果电动机消防泵供电系统断电或缺相或电泵故障不能正常起动时，柴油机消防泵组会自动起动运行，一旦供电系统恢复正常或电动泵可正常运行时，可自动切换到电动泵。

三、自动停机：当消防信号消失后，柴油机消防泵会自延迟停机。

PERFORMANCE AND CHARACTERISTICS

I. Complete three starting functions:

1. Manual starting: available for manual and automatic interlocking and for manual starting through the change-over switch;

2. Automatic starting: allowable for three times of starting; sending out "starting failure alarm" and exiting from the starting state in case of starting failure after three times; if starting is successful once, the time of starting to the rated load is 5-10-15S (subject to the pump set's capacity);

3. Emergency direct manual starting: available for emergency direct manual starting in case of failure of the automatic control device.

II. Automatic operation: when the water pump set receives an effective fire control signal, the diesel fire pump set will start and operate automatically if the motor fire pump's power supply system is power-off or open-phase or the electric pump fails to start normally. Once the power supply system returns to normal or the electric pump can work normally, it can be switched to the electric pump automatically.

III. Automatic stop: when the fire control signal disappears, the diesel fire pump will stop in a delayed and automatic way.

性能特点

四、蓄电池自充电稳压功能：蓄电池可利用市电供柴油机充电电机自动充电，保证机组的顺利起动。

五、具有完善的指示系统：准备起动、手动起动、自动起动、机组运行、机组停机、蓄电池充电、超速、柴油机润滑油油压过低、增压器油压过低、柴油机润滑油油温过低、柴油机冷却水水温过高、蓄电池电压过低、燃油油位过低（或缺少）、柴油机冷却水水温过低预热、定时巡检。

六、具有完善的报警或保护系统：三次起动失败报警或保护、超速报警或保护、润滑油油压过低报警或保护、增压器油压过低报警或保护、冷却水水温过高报警或保护、润滑油油温过低报警或保护、自动充电装置故障报警、蓄电池电压过低报警、蓄电池电压过高报警、机油油位低报警或保护。

七、具有完善的显示系统：柴油机润滑油压力、柴油机转速、蓄电池充电电流、蓄电池充电电压。

八、直联式：柴油机与水泵直接联轴器联接，采用公共槽钢底座，结构紧凑、整体性能好，故障少、振动小，现场施工安装方便。

九、设备压力、流量范围广：机组选用IS系列单级单吸式、ZX系列自吸式、GTOS 系列新型单级双吸式、S系列单级双吸式、TSWA系列分段多级式、D系列多级式水泵，可满足不同场合的消防需求。

十、流量、压力可调整：柴油机水泵装有机械调速器或电子调速器，当水泵的流量、扬程与实际不一致时，可调节改变柴油机的转速。

十一、具有水加温预加热装置：机组装有AC220V冷却水预热装置，可保证机组在低于5℃环境下正常工作。

十二、双蓄电池回路：当一组蓄电池失效时可自动投入另一组蓄电池。

十三、免维修蓄电池：不需频繁添加补充液。

十四、自动定时巡检测试：消防系统通常处于备用状态，该机组设备能自动完成对机组的备用状态进行测试并及时报警。

十五、用户可根据要求设置其它报警输出（非标准供货需指定）

注：以上功能可根据用户需要选用。也可根据用户特殊需要设计定做。

PERFORMANCE AND CHARACTERISTICS

IV. Automatic charge and voltage-stabilizing function of accumulator: the accumulator can use the mains supply for the automatic charge of the diesel's rechargeable motor to ensure the pump set's smooth starting.

V. Complete indicating system: ready to start, manual starting, automatic starting, set operation, set stop, accumulator charging, overspeed, underpressure of diesel lubricating oil, underpressure of oil of pressure booster, undertemperature of diesel lubricating oil, overtemperature of diesel cooling water, undervoltage of accumulator, too low level of fuel oil (or in short), preheating for undertemperature of diesel cooling water, and timed in-process check.

VI. Complete alarm or protection system: alarm or protection for starting failure for three times, overspeed, underpressure of lubricating oil, underpressure of oil of pressure booster, overtemperature of cooling water, and undertemperature of lubricating oil; alarm for failure of automatic charging device and undervoltage/overvoltage of accumulator; and alarm or protection for low level of machine oil.

VII. Complete display system: display of lubricating oil pressure and rotation speed of diesel, and charging current and voltage of accumulator.

VIII. Monoblock type: the diesel is directly connected to the water pump with couplings and adopts a public channel steel base, featured by its compact structure, good overall performance, little failure, small vibration and being easy for field construction and installation.

IX. A wide range of pressure and flow of pump set: the pump set is available for such water pump options as IS series single-stage single-suction, ZX series self-priming, GTOS series new single-stage double-suction, S series single-stage double-suction, TSWA series segmental multi-stage and D series multi-stage, to meet fire control needs in different occasions.

X. Adjustable flow and pressure: the diesel water pump is mounted with a mechanical or electronic speed regulator which can regulate and change the diesel's rotation speed when the water pump's flow and lift head are not in conformity with the actual conditions.

XI. Water warm-up preheater: the pump set is mounted with an AC220V cooling water preheater to ensure its normal work in an environment lower than 5℃.

XII. Double accumulator loops: when one accumulator set fails, another set can be put into use automatically.

XIII. Maintenance-free accumulator: unnecessary for frequent filling of the make-up fluid.

XIV. Automatic timed in-process check test: generally the fire system is in a standby state, and this pump set is available for testing its standby state automatically and also for alarming promptly.

XV. The user can set other alarm output modes as required (required to be designated for nonstandard supply).

Note: the above functions are optional for users as required, and also available for customized design as required by special needs.

结构与原理

自动消防供水系统通常由稳压泵、电动消防泵（主泵）、自动柴油机消防泵组（备泵）组成。

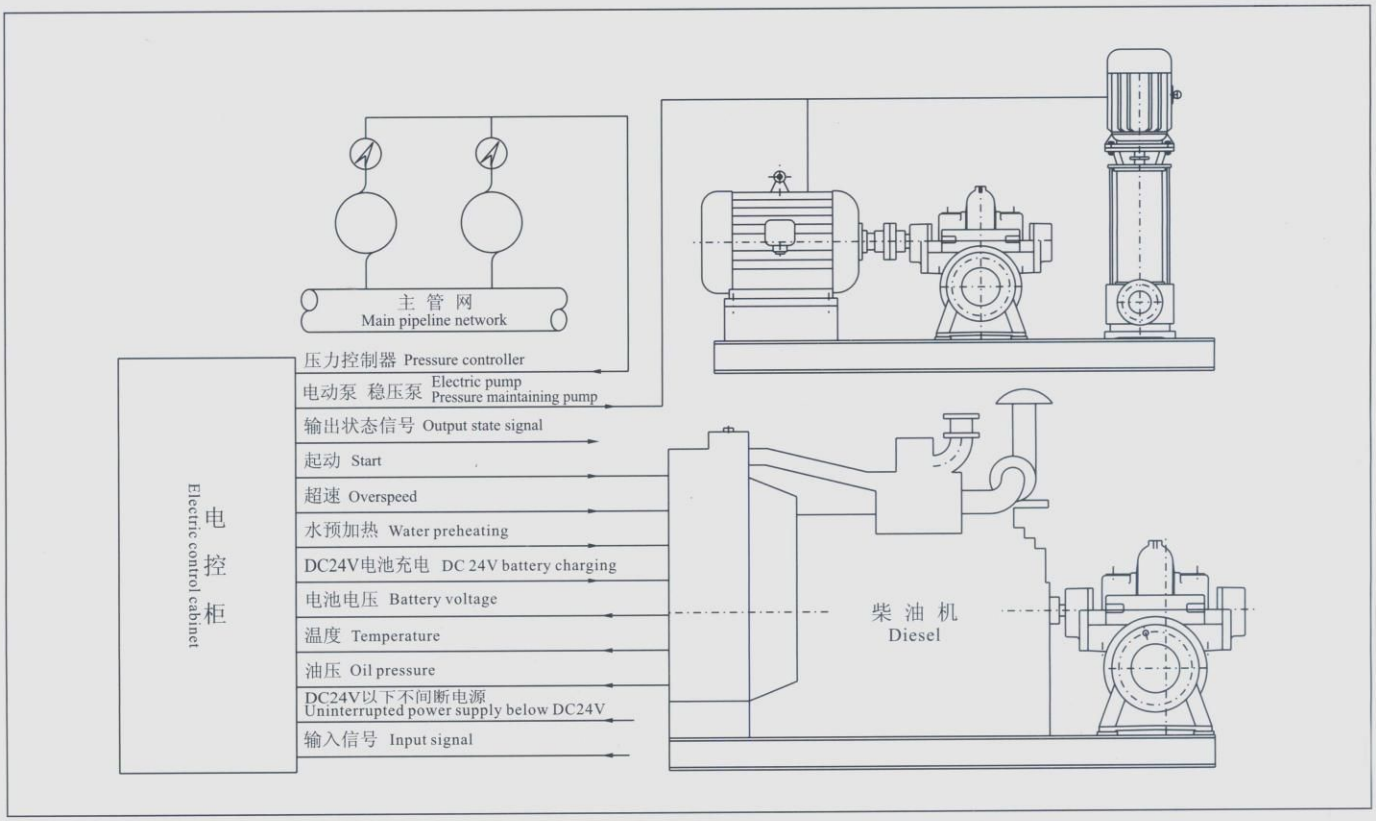
工作原理：平常管网压力在低压P1至高压P2之间，当管网压力低于P1时，则稳压泵自动起动，压力逐渐上升到P2停泵，由于管网泄漏，管网的压力会慢慢下降到P1，稳压泵又会自动起动，如此反复使管网压力始终保持在P1至P2之间。当管网压力无法维持在P1到P2之间时（如用水量大增），管网压力下降到最低压力P3时，电动泵自动起动，压力上升至Pw并满足消防用水。如果市电断电或电动泵出现故障时，压力由P3继续下降至极限压力P4时，则柴油机泵组自动起动，压力上升至Pw并满足消防用水。电动泵或柴油机泵的停机（自动切换除外）须由人工判断后手动停机。

STRUCTURE AND PRINCIPLE

Generally an automatic fire water supply system consists of a pressure maintaining pump, an electric fire pump (main pump) and an automatic diesel fire pump set (standby pump).

Working principle: generally the pipeline network's pressure is between the low pressure P1 and the high pressure P2. When the above pressure is lower than P1, the pressure maintaining pump will start automatically and not stop until the pressure rises gradually to P2. Due to the pipeline network's leakage, its pressure will drop to P1 gradually, and then the pressure maintaining pump will start automatically again. With such a repeated process, the pipeline network's pressure is maintained between P1 and P2 all the time. When the pipeline network's pressure can't be maintained between P1 and P2 (for instance, when the water consumption increases a lot) and drops to the minimum pressure P3, the electric pump will start automatically and the pressure will rise to Pw and meet the need for fire water supply. If the mains supply is power-off or the electric pump fails, the pressure will continue to drop from P3 to the ultimate pressure P4. Then the diesel pump set will start automatically, and the pressure will rise to Pw and meet the need for fire water supply. The electric or diesel pump shall be stopped manually after human judgment (except automatic switching).

机组控制系统图 DIAGRAM OF PUMP SET'S CONTROL SYSTEM



发动机冷却方式

一般情况下，本公司提供的柴油机消防泵组其柴油机冷却系统常为闭式强制水循环冷却系统，由水箱、风扇、水泵、节温器、导风罩、进出水胶管等组成。发动机表面及其散热水箱通过与其风扇产生的空气流进行热交换来实现发动机的冷动。如需要开式循环方式冷却（即用水泵输送冷却水与柴油机内循环水通过热交换器实现发动机冷动），请订货时注明。

COOLING MODE OF ENGINE

Generally our diesel fire pump set adopts a closed forced water circulation cooling system for the diesel. The system consists of such parts as water tank, fan, water pump, thermostat, air director and water inlet and outlet hoses. The engine is cooled through the heat exchange of the airflow produced by the fan for the engine surface and its cooling water tank. If the open circulation cooling mode (namely, cooling the engine through the heat exchanger of cooling water delivered by the water pump and the circulated water in the diesel) is needed, please note it in the order.

柴油机功率损失

柴油机在不同的情况下其功率损失是不一样的，因此为保证柴油机正常运转，选用柴油机时应充分考虑柴油机的工作环境对功率的影响，以保证柴油机的功率与水泵的合理匹配。

POWER LOSS OF DIESEL

The diesel's power loss is different in different conditions, so it's necessary to fully consider the impact of the diesel's working environment on the power in selecting the diesel to ensure its normal operation and the reasonable matching between the diesel power and the water pump.

柴油机功率损失系数表 POWER LOSS COEFFICIENT LIST OF DIESEL

海拔高度 Elevation (m)	环境温度(℃) Ambient temperature									
	0	5	10	15	20	25	30	35	40	45
0	0	0	0	0	0	0	0	0	0	0.120
200	0	0	0	0	0	0	0	0	0	0.125
400	0	0	0	0	0	0	0	0	0	0.138
600	0	0	0	0	0	0	0	0	0	0.152
800	0	0	0	0	0	0	0	0	0	0.171
1000	0	0	0	0	0	0	0	0	0.121	0.179
1500	0	0	0	0	0	0	0.137	0.141	0.191	0.198
2000	0	0	0	0	0.120	0.137	0.174	0.179	0.223	0.249
2500	0	0	0	0.121	0.156	0.187	0.212	0.237	0.258	0.281
3000	0	0	0.118	0.165	0.193	0.222	0.238	0.271	0.287	0.307
3500	0	0.137	0.169	0.207	0.228	0.254	0.277	0.311	0.319	0.338
4000	0.145	0.182	0.208	0.238	0.264	0.288	0.311	0.336	0.346	0.366

油箱容积

功率在200kW以下的柴油机其油箱可直接安装于机组上，功率在200kW以上的柴油机其油箱与柴油机分体。以下所列油箱容积可保证不同功率柴油机消防泵组6小时在额定工况下正常运转。

OIL TANK CAPACITY

For a diesel with its power below 200kW, its oil tank can be directly mounted on the pump set; and for a diesel with its power above 200kW, its oil tank shall be split from it. The following listed oil tank capacities can ensure the 6-hour normal work of diesels with different power values in rated working conditions.

柴油机(kW) Diesel	30	34	37	53	60	74	88	110	120	161	220	279	339
油箱(L) Oil tank	60	60	60	80	80	120	120	160	160	230	300	390	460

应用范围

消防—消防栓系统、喷淋系统、喷洒降温系统、泡沫系统、水炮系统

工业—给水系统、冷却循环系统

冶炼—给水循环系统、冷却循环系统

军用—野外给水系统、海岛淡水收集系统

供热—给水循环系统、冷却循环系统

市政—应急排水

农业—排灌系统

APPLICATION SCOPE

Fire control-Fire hydrant, spraying, sprinkling & cooling, foaming, and fire water monitor systems

Industry-Water supply and cooling circulation systems

Smelting-Water supply and cooling circulation systems

Military-Field water supply and island fresh water collecting systems

Heat supply-Water supply and cooling circulation systems

Public works-Emergency water drainage

Agriculture-Irrigation and drainage system

标准供货范围

1）全自动柴油水泵机组：柴油机、水泵、高弹性联轴器、冷却风扇、散热水箱、钢结构底座（360kW以下机组）、蓄电池、排气消声器、膨胀节、自动控制屏。

2）按客户要求可以提供国家消防装备质量监督检验中心出具的型式检验或委托检验的检验报告。

3）按客户要求可以设计成泵组、机底油箱、自控屏、蓄电池组复合一体机型。

4）按客户要求可以设计成泵组、机底油箱、自控屏、蓄电池组、防雨箱体复合一体户外型。

5）注：订货时请注明柴油机品牌，便于核价。

STANDARD SUPPLY SCOPE

1) Fully automatic diesel water pump set: diesel, water pump, high elastic coupling, cooling fan, cooling water tank, steel structure base (sets below 360kW), accumulator, exhaust muffler, expansion joint and automatic control panel.

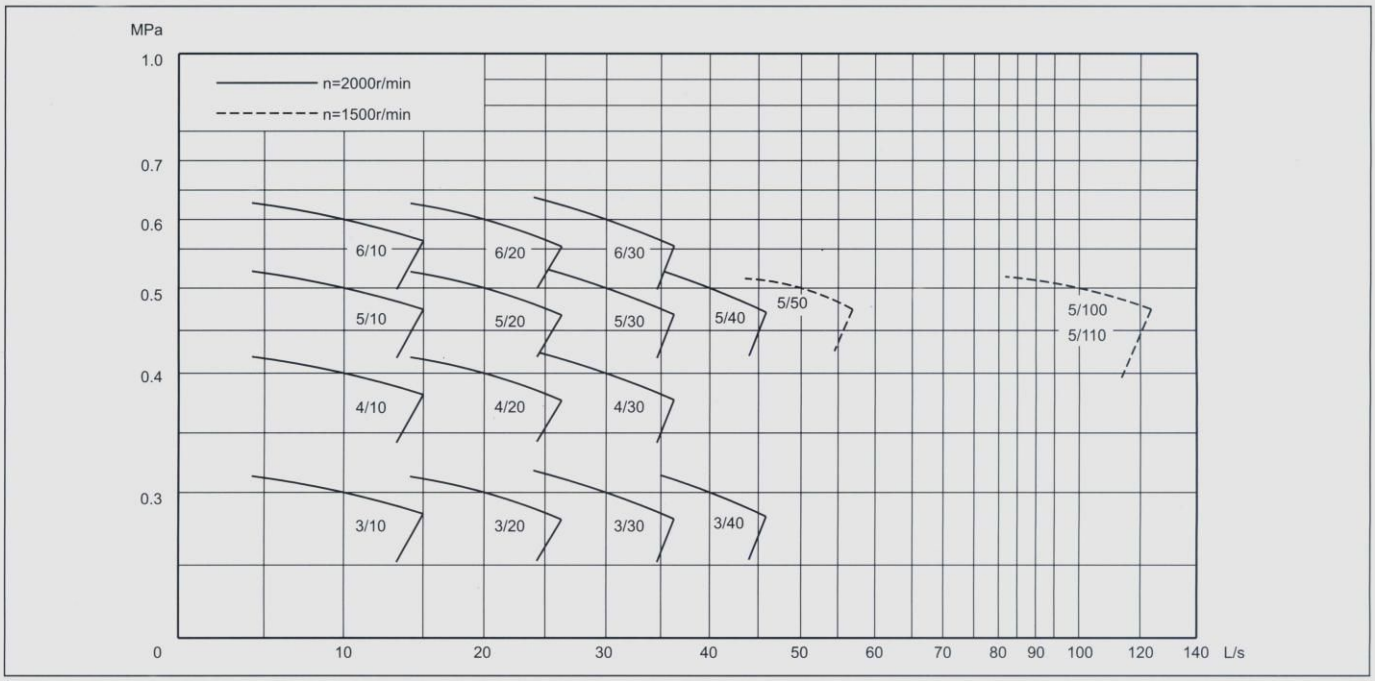
2) We can provide the type or entrusted inspection report issued by the China National Fire Equipment Quality Supervision and Inspection Center, as required by customers.

3) We are available for customized design of a combined type integrating the pump set, the pump set bottom oil tank, the automatic control panel and the accumulator set.

4) We are available for customized design of a combined outdoor type integrating the pump set, the pump set bottom oil tank, the automatic control panel, the accumulator set and the rainproof housing.

5) Note: please note the diesel brand in the order for pricing.

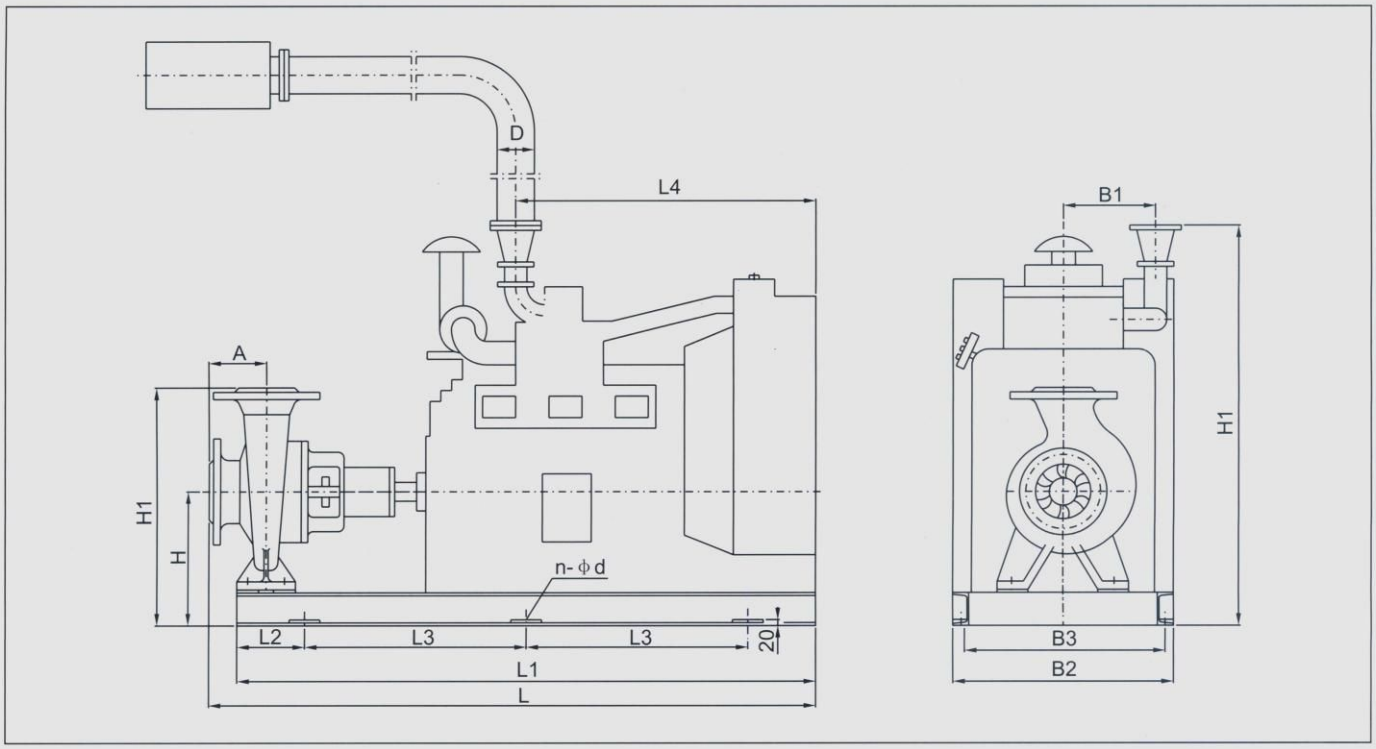
XBC-IS型泵型谱图 SPECTRUM DIAGRAM OF XBC-IS PUMP



XBC-IS型泵性能参数 PERFORMANCE PARAMETERS OF XBC-IS PUMP

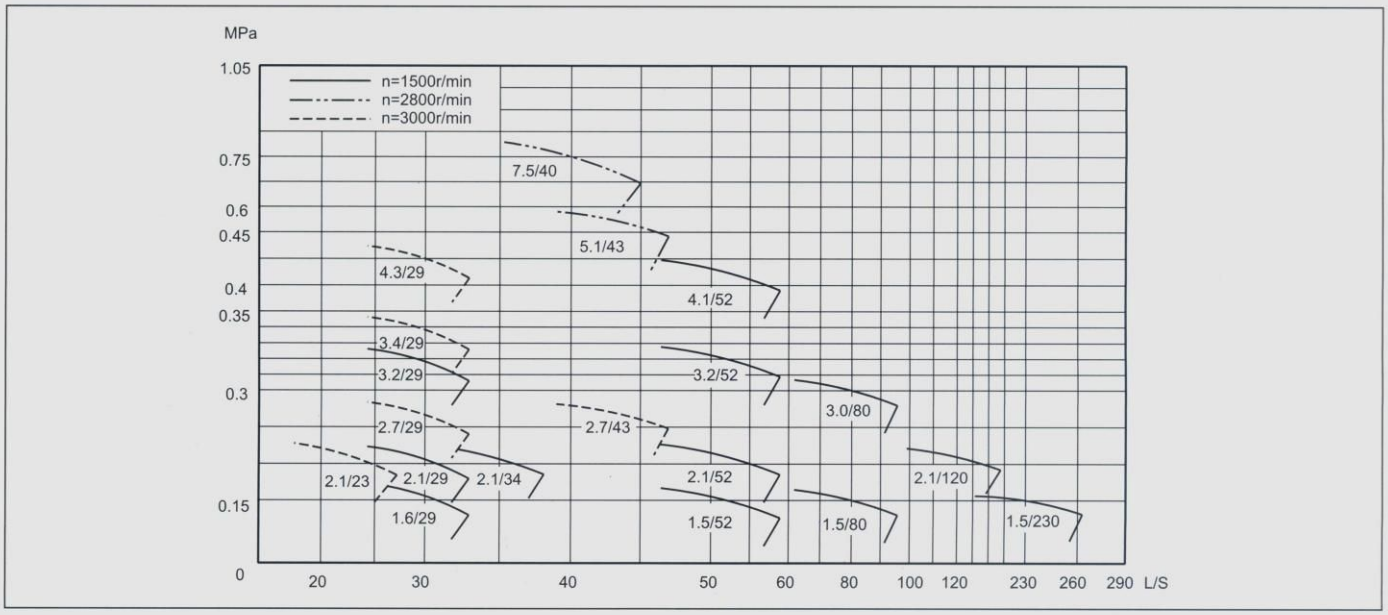
序号 No.	型 号 Type	额定转速 Rated rotation speed (r/min)	额定流量 Rated flow (L/s)	额定压力 Rated pressure (MPa)	效率 Efficiency (%)	必需汽蚀余量 (NPSH)r (m)	轴功率 Shaft power (kW)	配套柴油机功率 Power of related diesel (kW)	进/出口径 Inlet/outlet diameter (mm)	重量 Weight (kg)
1	XBC5/50-IS	1500	50	0.5	75	2.8	36.3	58	150/125	212
2	XBC5/100-IS	1500	100	0.5	81	3.8	67.2	110	200/150	245
3	XBC5/110-IS	1500	110	0.5	81	4.5	68.4	110	200/150	245
4	XBC3/10-IS	2000	10	0.3	71	2.5	8.2	26.5	100/65	91
5	XBC3/20-IS	2000	20	0.3	71	3.0	9.5	26.5	100/65	91
6	XBC3/30-IS	2000	30	0.3	59	3.8	16.8	36	125/100	129
7	XBC3/40-IS	2000	40	0.3	77	4.8	18.5	36	125/100	129
8	XBC4/10-IS	2000	10	0.4	71	2.5	10.0	26.5	100/65	91
9	XBC4/20-IS	2000	20	0.4	77	3.0	11.2	26.5	125/100	129
10	XBC4/30-IS	2000	30	0.4	74	3.6	13.2	36	125/100	145
11	XBC5/10-IS	2000	10	0.5	65	4.2	14.8	26.5	100/65	120
12	XBC5/20-IS	2000	20	0.5	65	4.5	19.9	36	100/65	120
13	XBC5/30-IS	2000	30	0.5	74	4.5	25.7	48	125/100	145
14	XBC5/40-IS	2000	40	0.5	74	4.9	32.8	48	125/100	145
15	XBC6/10-IS	2000	10	0.6	65	2.5	17.2	36	100/65	120
16	XBC6/20-IS	2000	20	0.6	74	3.0	19.7	36	125/100	145
17	XBC6/30-IS	2000	30	0.6	74	3.6	29.7	48	125/100	145

XBC-IS型泵安装尺寸图表 INSTALLATION DIMENSION DIAGRAM OF XBC-IS PUMP



序号 No.	型 号 Type	L	L1	L2	L3	L4	a	B1	B2	B3	H	H1	H2	n-φd	DN1	DN2	D	重量 Weight (kg)
1	XBC3/10-IS	1520	1500	300	450	510	125	250	650	600	460	710	1010	6-φ20	100	65	64	510
2	XBC3/20-IS	1520	1500	300	450	510	125	250	650	600	460	710	1010	6-φ20	100	65	64	510
3	XBC3/30-IS	1760	1700	350	500	550	140	360	650	600	460	740	1080	6-φ20	125	100	64	635
4	XBC3/40-IS	1760	1700	350	500	550	140	360	650	600	460	740	1080	6-φ20	125	100	64	635
5	XBC4/10-IS	1520	1500	300	450	510	125	250	650	600	460	710	1010	6-φ20	100	65	64	510
6	XBC4/20-IS	1570	1500	300	450	510	140	250	650	600	460	710	1010	6-φ20	125	100	64	635
7	XBC4/30-IS	1760	1700	350	500	550	140	360	650	600	460	775	1080	6-φ25	125	100	64	820
8	XBC5/10-IS	1570	1500	300	450	510	125	250	650	600	460	740	1010	6-φ25	100	65	64	620
9	XBC5/20-IS	1760	1700	350	500	550	125	360	650	600	460	740	1080	6-φ25	100	65	64	635
10	XBC5/30-IS	1860	1800	350	550	680	140	380	820	760	480	795	1150	6-φ25	125	100	64	820
11	XBC5/40-IS	1860	1800	350	550	680	140	380	820	760	480	795	1150	6-φ25	125	100	64	820
12	XBC5/50-IS	1860	1800	350	550	680	140	380	820	760	480	795	1150	6-φ20	150	125	64	910
13	XBC6/10-IS	1760	1700	350	500	550	125	360	650	600	460	740	1080	6-φ20	100	65	64	620
14	XBC6/20-IS	1760	1700	350	500	550	140	360	650	600	460	775	1080	6-φ20	125	100	64	820
15	XBC6/30-IS	1860	1800	350	550	680	140	380	820	760	480	795	1150	6-φ20	125	100	64	820
16	XBC5/100-IS	2600	2600	500	800	1100	160	280	990	840	540	990	1390	6-φ25	200	150	133	1900
17	XBC5/120-IS	2600	2600	500	800	1100	160	280	990	840	540	990	1390	6-φ25	200	150	133	1900

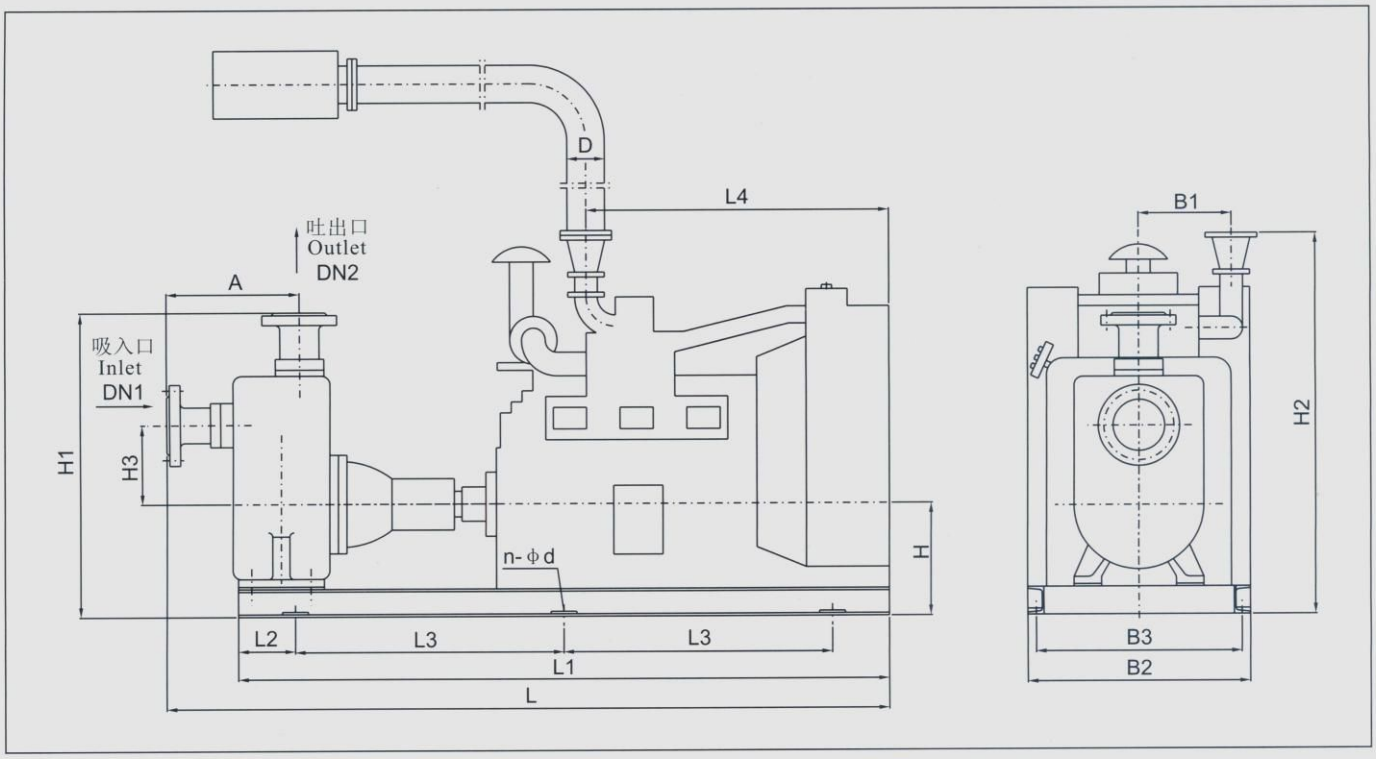
XBC-ZX型泵型谱图 SPECTRUM DIAGRAM OF XBC-ZX PUMP



XBC-ZX型泵性能参数表 PERFORMANCE PARAMETERS OF XBC-ZX PUMP

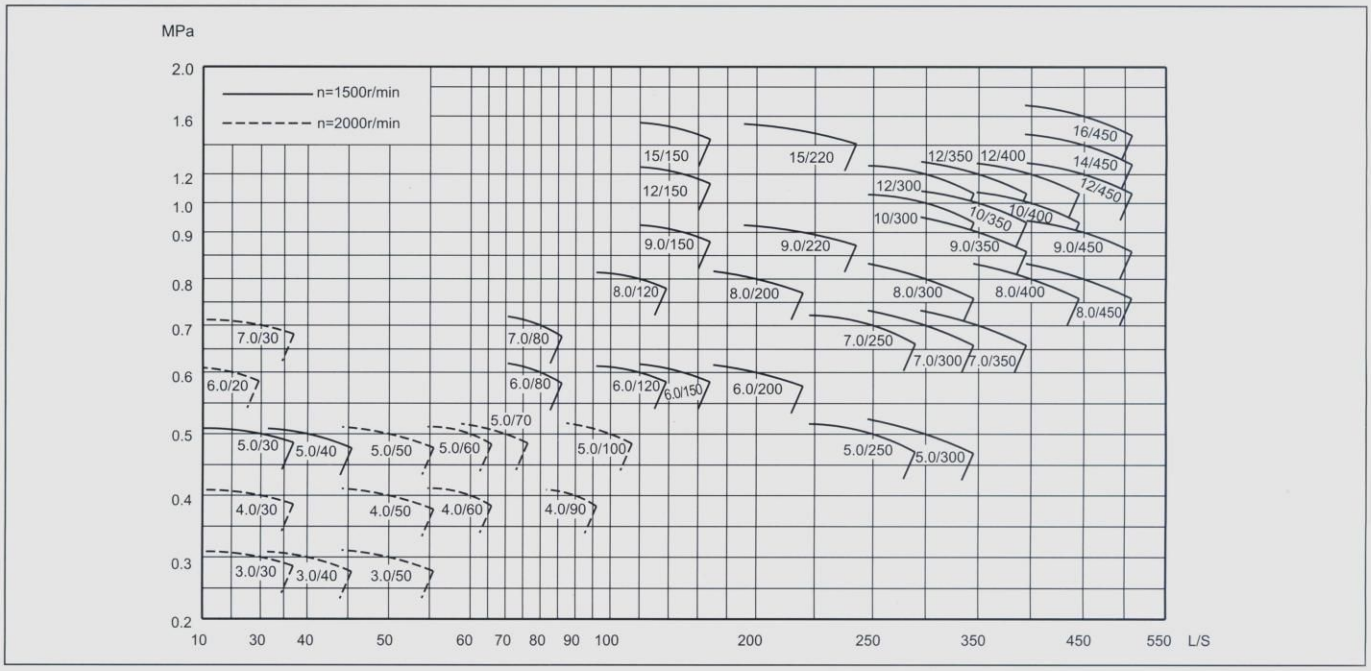
序号 No.	型 号 Type	流量 Flow (L/s)	压力 Pressure (MPa)	转速 Rotation speed (r/min)	效率 Efficiency (%)	吸入高度 Suction height (m)	功率(kW) Power (kW)		进/出口径 Inlet/outlet diameter (mm)
							轴功率 Shaft power	柴油机功率 Diesel power	
1	XBC2.1/23-ZX	23	0.21	3000	60	5.0	8.0	24	100/80
2	XBC2.7/29-ZX	29	0.27	3000	60	4.4	12.6	24	100/80
3	XBC3.4/29-ZX	29	0.34	3000	55	4.4	17.6	32	100/80
4	XBC4.3/29-ZX	29	0.43	3000	50	4.4	24.1	32	100/80
5	XBC2.7/43-ZX	43	0.27	3000	58	2.9	19.5	32	150/125
6	XBC5.1/43-ZX	43	0.51	2800	48	3.5	45.0	63	150/125
7	XBC7.5/40-ZX	40	0.75	2800	40	3.7	73.6	80	150/125
8	XBC1.6/29-ZX	29	0.16	1500	50	7.2	9.1	31	100/80
9	XBC2.1/23-ZX	23	0.21	1500	53	7.5	9.1	31	100/80
10	XBC2.1/29-ZX	29	0.21	1500	53	7.2	11.4	31	100/80
11	XBC3.2/29-ZX	29	0.32	1500	53	7.2	17.1	31	100/80
12	XBC2.1/34-ZX	34	0.21	1500	55	7.0	13.2	31	125/125
13	XBC1.5/52-ZX	52	0.15	1500	60	6.3	12.7	31	150/125
14	XBC2.1/52-ZX	52	0.21	1500	60	6.3	18.1	31	150/125
15	XBC3.2/52-ZX	52	0.32	1500	65	6.3	25.1	46	150/125
16	XBC4.1/52-ZX	52	0.41	1500	45	6.3	45.9	60	150/125
17	XBC1.5/80-ZX	80	0.15	1500	65	5.4	18.2	31	200/150
18	XBC3.0/80-ZX	80	0.30	1500	55	5.4	43.0	60	200/150
19	XBC2.1/120-ZX	121	0.21	1500	61	4.2	41.5	60	250/200
20	XBC1.5/230-ZX	230	0.15	1500	65	1.7	52.0	60	300/250

XBC-ZX型泵安装尺寸图表 INSTALLATION DIMENSION DIAGRAM OF XBC-ZX PUMP



序号 No.	型 号 Type	A	L	L_1	L_2	L_3	L_4	B_1	B_2	B_3	H	H_1	H_2	H_3	n-φd	DN_1	DN_2	D
1	XBC2.1/23-ZX	400	1850	1600	200	600	605	250	600	550	460	1060	985	215	6-φ25	100	80	64
2	XBC2.7/29-ZX	400	1850	1600	200	600	605	250	600	550	460	1060	985	215	6-φ25	100	80	64
3	XBC3.4/29-ZX	400	1950	1700	200	650	605	250	600	550	460	1060	1080	215	6-φ25	100	80	64
4	XBC4.3/29-ZX	400	1950	1700	200	650	605	250	600	550	460	1060	1080	215	6-φ25	100	80	64
5	XBC2.7/43-ZX	510	2050	1850	200	725	605	250	600	550	460	1250	1080	350	6-φ25	150	125	64
6	XBC5.1/43-ZX	510	2200	2000	200	800	625	250	650	600	485	1250	1080	350	6-φ25	150	125	64
7	XBC7.5/40-ZX	510	2450	2250	200	615	715	320	700	650	550	1250	1460	350	8-φ25	150	125	105
8	XBC1.6/29-ZX	400	2100	1950	200	775	605	250	600	550	460	1060	1080	215	6-φ25	100	80	64
9	XBC2.1/23-ZX	400	2100	1950	200	775	605	250	600	550	460	1060	1080	215	6-φ25	100	80	64
10	XBC2.1/29-ZX	400	2100	1950	200	775	605	250	600	550	460	1060	1080	215	6-φ25	100	80	64
11	XBC3.2/29-ZX	400	2100	1950	200	775	605	250	600	550	460	1060	1080	215	6-φ25	100	80	64
12	XBC2.1/34-ZX	490	2150	2000	200	800	605	250	600	550	460	1130	1080	335	6-φ25	125	125	64
13	XBC1.5/52-ZX	510	2200	2000	200	800	605	250	600	550	460	1250	1080	350	6-φ25	150	125	64
14	XBC2.1/52-ZX	510	2200	2000	200	800	605	250	600	550	460	1250	1080	350	6-φ25	150	125	64
15	XBC3.2/52-ZX	510	2200	2000	200	800	605	250	600	550	485	1250	1080	350	6-φ25	150	125	64
16	XBC4.1/52-ZX	510	2200	2000	200	800	605	250	650	600	485	1250	1080	350	6-φ25	150	125	64
17	XBC1.5/80-ZX	650	2300	2100	200	850	605	250	600	550	460	1360	1080	350	6-φ25	200	150	64
18	XBC3.0/80-ZX	650	2450	2250	200	615	605	250	650	600	485	1360	1080	350	8-φ25	200	150	64
19	XBC2.1/120-ZX	800	2550	2350	200	650	605	250	650	600	485	1460	1080	370	8-φ25	250	200	64
20	XBC1.5/230-ZX	1030	2650	2450	200	685	605	250	650	600	485	1510	1080	370	8-φ25	300	250	64

XBC- GTOS 型泵型谱图 SPECTRUM DIAGRAM OF XBC- GTOS PUMP



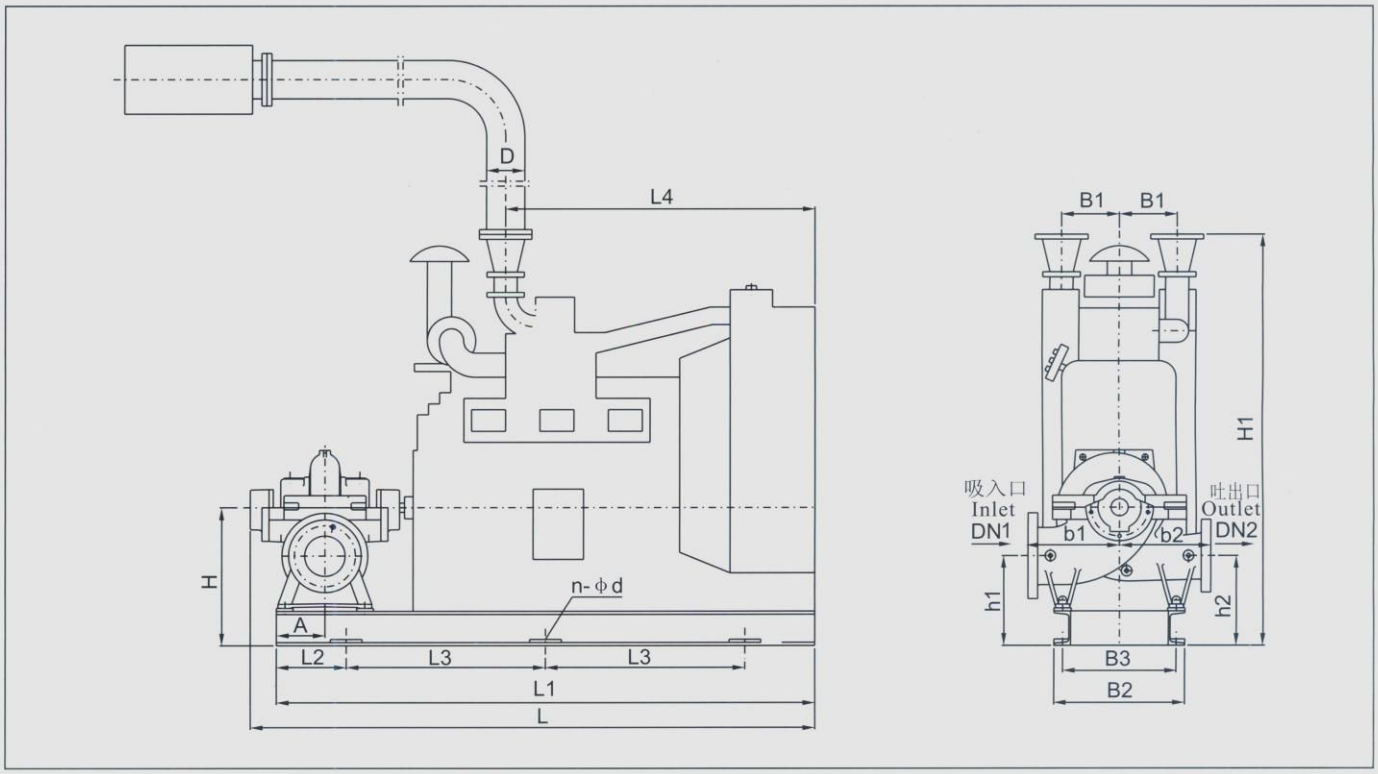
XBC- GTOS 型泵性能参数表 PERFORMANCE PARAMETERS OF XBC- GTOS PUMP

序号 No.	型 号 Type	流量 Flow (L/s)	压力 Pressure (MPa)	转速 Rotation speed (r/min)	效率 Efficiency (%)	必需汽蚀余量 (NPSH)r (m)	功率(kW) Power (kW)		进/出口径 Inlet/outlet diameter (mm)
							轴功率 Shaft power	柴油机功率 Diesel power	
1	XBC3.0/30-GTOS	30	0.3	2000	76	4.5	11.6	36	125/80
2	XBC3.0/40-GTOS	40	0.3	2000	80.8	4.5	14.6	36	150/100
3	XBC3.0/50-GTOS	50	0.3	2000	81.7	6.8	18.0	36	150/100
4	XBC4.0/30-GTOS	30	0.4	2000	77.7	4.5	15.2	36	125/80
5	XBC4.0/50-GTOS	50	0.4	2000	81	6.8	24.2	48	200/125
6	XBC4.0/60-GTOS	50	0.4	2000	78.5	6.8	25.0	48	150/100
7	XBC4.0/90-GTOS	90	0.4	2000	81	8.4	43.6	72	200/125
8	XBC5.0/50-GTOS	50	0.5	2000	76.8	6.8	31.9	72	150/100
9	XBC5.0/60-GTOS	60	0.5	2000	79	7.1	37.3	72	150/100
10	XBC5.0/70-GTOS	70	0.5	2000	79.1	7.2	43.4	72	150/100
11	XBC5.0/100-GTOS	100	0.5	2000	83.1	8.9	59.0	72	200/125
12	XBC6.0/20-GTOS	20	0.6	2000	79	6.3	14.9	72	150/100
13	XBC7.0/30-GTOS	30	0.7	2000	79	6.5	26.1	72	150/100
14	XBC5.0/30-GTOS	30	0.5	1500	72	2.5	20.4	40	150/100
15	XBC5.0/40-GTOS	40	0.5	1500	72	3.1	27.3	58	150/100
16	XBC5.0/50-GTOS	50	0.5	1500	73	2.5	33.6	58	150/100
17	XBC6.0/80-GTOS	80	0.6	1500	78	2.7	60.4	75	200/125

XBC-GTOS 型泵性能参数表 PERFORMANCE PARAMETERS OF XBC-GTOS PUMP

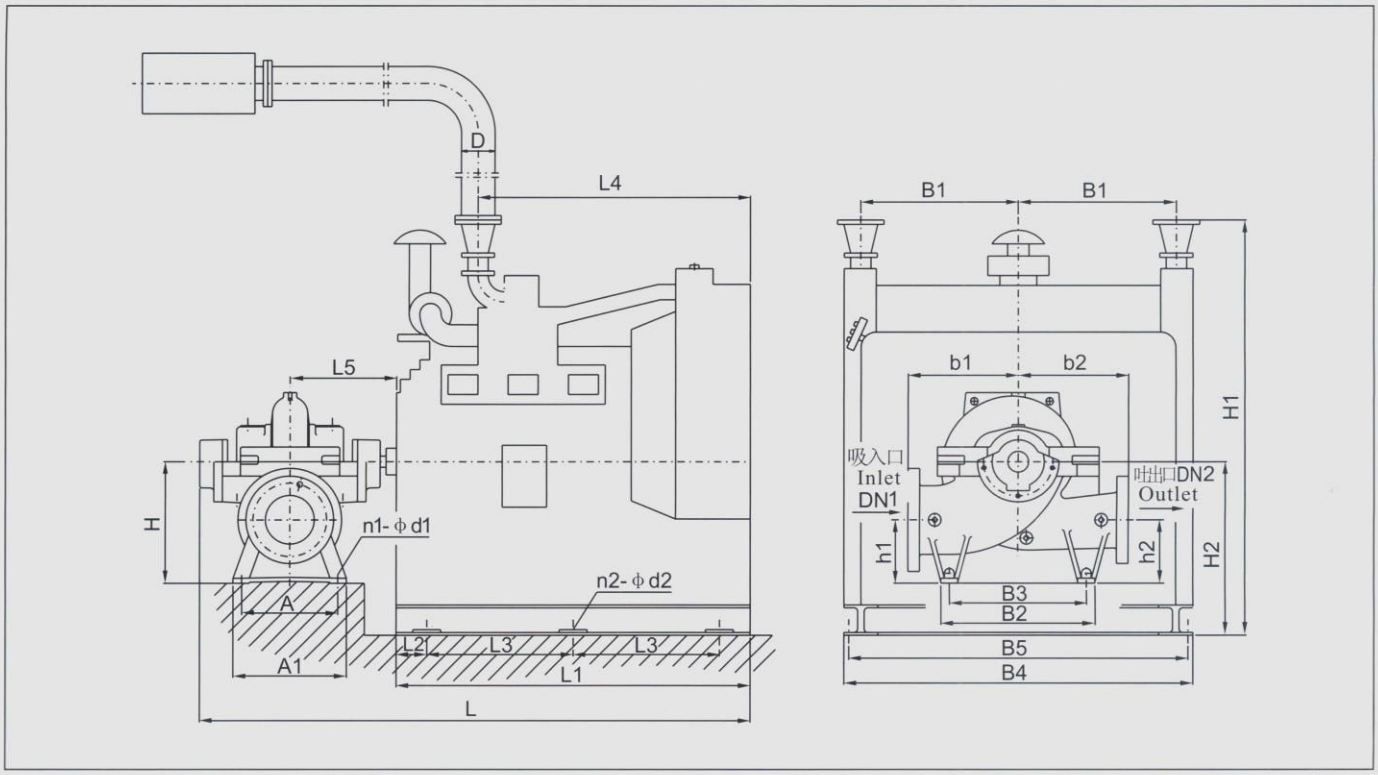
序号 No.	型 号 Type	流量 Flow (L/s)	压力 Pressure (MPa)	转速 Rotation speed (r/min)	效率 Efficiency (%)	必需汽蚀余量 (NPSH)r (m)	功率(kW) Power (kW)		进/出口径 Inlet/outlet diameter (mm)
							轴功率 Shaft power	柴油机功率 Diesel power	
18	XBC7.0/80-GTOS	80	0.7	1500	79	2.7	69.5	110	200/125
19	XBC6.0/120-GTOS	120	0.6	1500	81	3.4	87.2	110	200/150
20	XBC8.0/120-GTOS	120	0.8	1500	78	4.2	120.7	161	200/150
21	XBC6.0/150-GTOS	150	0.6	1500	81	3.0	109.0	161	200/150
22	XBC9.0/150-GTOS	150	0.9	1500	79	4.2	167.6	220	200/150
23	XBC12/150-GTOS	150	1.2	1500	76	2.9	232.3	339	250/200
24	XBC15/150-GTOS	150	1.5	1500	74	3.5	298.3	331	250/200
25	XBC6.0/200-GTOS	200	0.6	1500	80	3.5	147.2	220	250/200
26	XBC8.0/200-GTOS	200	0.8	1500	82	3.0	191.4	279	250/200
27	XBC9.0/220-GTOS	220	0.9	1500	83	3.5	234.0	279	250/200
28	XBC15/220-GTOS	220	1.5	1500	80	3.1	404.7	441	250/200
29	XBC5.0/250-GTOS	250	0.5	1500	82	3.5	149.5	176	300/250
30	XBC7.0/250-GTOS	250	0.7	1500	85	3.3	202.0	254	300/250
31	XBC5.0/300-GTOS	300	0.5	1500	85	3.3	173.1	191	300/250
32	XBC7.0/300-GTOS	300	0.7	1500	86	3.3	239.5	279	300/250
33	XBC8.0/300-GTOS	300	0.8	1500	83	3.8	283.7	309	300/250
34	XBC10/300-GTOS	300	1	1500	84	3.8	350.4	441	300/250
35	XBC12/300-GTOS	300	1.2	1500	84	3.8	420.4	464	300/250
36	XBC7.0/350-GTOS	350	0.7	1500	83	3.9	289.6	331	400/300
37	XBC9.0/350-GTOS	350	0.9	1500	84	4.1	367.9	441	400/300
38	XBC10/350-GTOS	350	1	1500	85	4.2	403.9	464	400/300
39	XBC12/350-GTOS	350	1.2	1500	84	3.5	490.5	600	400/300
40	XBC8.0/400-GTOS	400	0.8	1500	85	4.2	369.3	441	400/300
41	XBC10/400-GTOS	400	1	1500	86	4.2	456.3	507	400/300
42	XBC12/400-GTOS	400	1.2	1500	83	4.0	567.3	600	400/300
43	XBC8.0/450-GTOS	450	0.8	1500	85	4.2	415.5	464	400/300
44	XBC9.0/450-GTOS	450	0.9	1500	85	4.2	467.4	507	400/300
45	XBC12/450-GTOS	450	1.2	1500	83	4.0	638.2	800	400/300
46	XBC14/450-GTOS	450	1.4	1500	84	4.0	735.8	800	400/300
47	XBC16/450-GTOS	450	1.6	1500	85	3.5	831.0	882	400/300

XBC-GTOS 型泵整体式安装尺寸图表 INTEGRAL INSTALLATION DIMENSION DIAGRAM OF XBC-GTOS PUMP



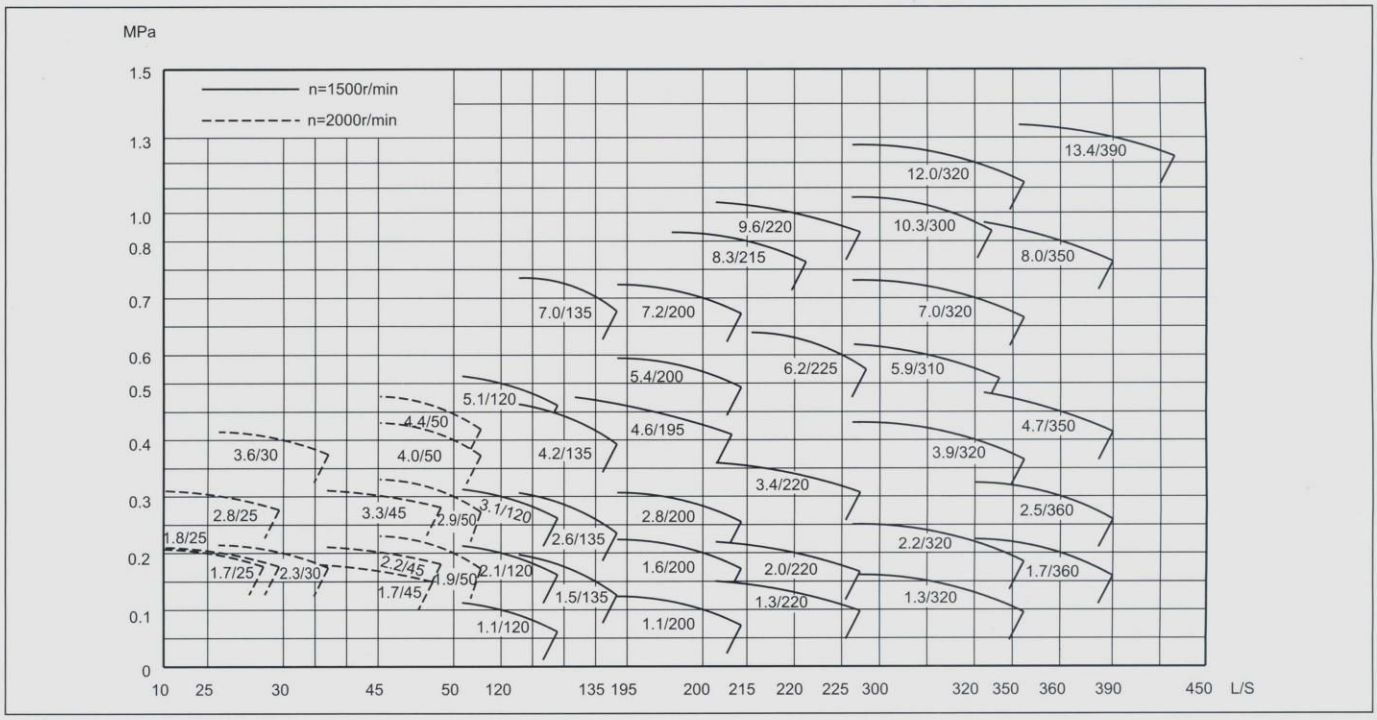
序号 No.	型 号 Type	A	L	L1	L2	L3	L4	B1	B2	B3	b1	b2	H	h1	h2	H1	n-φd	DN1	DN2	D
1	XBC3.0/30-GTOS	200	1810	1800	200	705	550	360	650	600	300	300	460	320	320	1080	6-φ25	125	80	64
2	XBC3.0/40-GTOS	220	1810	1800	200	705	550	360	650	600	370	370	500	330	330	1080	6-φ25	150	100	64
3	XBC3.0/50-GTOS	220	1810	1800	200	705	550	360	650	600	370	370	500	300	300	1080	6-φ25	150	100	64
4	XBC4.0/30-GTOS	200	1810	1800	200	705	550	360	650	600	300	300	460	320	320	1080	6-φ25	125	80	64
5	XBC4.0/50-GTOS	245	2080	2000	200	840	680	380	820	760	370	370	550	350	350	1150	6-φ25	200	125	64
6	XBC4.0/60-GTOS	220	1910	1900	200	755	680	380	820	760	370	370	500	330	330	1150	6-φ25	150	100	64
7	XBC4.0/90-GTOS	245	2320	2300	200	630	920	380	820	760	370	370	550	350	350	1150	8-φ25	200	125	64
8	XBC5.0/50-GTOS	220	2150	2100	200	875	920	380	820	760	370	370	500	330	330	1150	6-φ25	150	100	64
9	XBC5.0/60-GTOS	220	2150	2100	200	875	920	380	820	760	370	370	500	330	330	1150	6-φ25	150	100	64
10	XBC5.0/70-GTOS	220	2150	2100	200	875	920	380	820	760	370	370	500	330	330	1150	6-φ25	150	100	64
11	XBC5.0/100-GTOS	245	2320	2300	200	630	920	380	820	760	370	370	550	350	350	1150	8-φ25	200	125	64
12	XBC6.0/20-GTOS	220	1810	1800	200	705	550	380	650	600	370	370	500	330	330	1080	6-φ25	150	100	64
13	XBC7.0/30-GTOS	220	1910	1900	200	750	550	360	650	600	370	370	500	330	330	1080	6-φ25	150	100	133
14	XBC5.0/30-GTOS	220	1910	1900	200	750	550	360	650	600	370	370	550	350	350	1150	6-φ25	150	100	133
15	XBC5.0/40-GTOS	220	1910	1900	200	755	680	380	820	760	370	370	500	330	330	1080	6-φ25	150	100	64
16	XBC5.0/50-GTOS	220	2150	2100	200	875	920	380	820	760	370	370	500	330	330	1150	6-φ25	150	100	64
17	XBC6.0/80-GTOS	245	2310	2300	200	630	920	380	650	600	370	370	550	350	350	1460	8-φ25	200	125	64
18	XBC7.0/80-GTOS	245	2650	2600	200	750	1100	280	900	840	370	370	620	420	420	1460	8-φ25	200	125	133
19	XBC6.0/120-GTOS	270	2800	2700	200	760	1100	280	900	840	450	450	620	420	420	1470	8-φ25	200	150	64
20	XBC8.0/120-GTOS	270	2900	2900	200	833	1300	330	900	840	450	450	720	420	420	1600	8-φ25	200	150	133
21	XBC6.0/150-GTOS	270	2900	2900	200	830	1300	330	900	840	450	450	670	470	470	1550	8-φ25	200	150	133
22	XBC9.0/150-GTOS	270	3120	3000	200	650	1500	440	1100	1030	450	450	770	470	470	1420	10-φ25	200	150	133
23	XBC6.0/200-GTOS	320	3320	3200	200	700	1500	440	1200	1130	500	500	830	530	530	1420	10-φ25	250	200	133
24	XBC8.0/200-GTOS	320	3100	3000	200	650	1500	520	1200	1130	500	500	830	530	530	1420	10-φ25	250	200	133
25	XBC9.0/220-GTOS	320	3100	3000	200	650	1500	520	1200	1130	500	500	830	530	530	1420	10-φ25	250	200	133
26	XBC5.0/250-GTOS	320	2950	2800	200	800	1300	330	900	840	550	550	800	550	550	1600	8-φ25	300	250	133
27	XBC7.0/250-GTOS	320	3150	3000	200	650	1500	520	1200	1130	550	550	800	550	550	1420	10-φ25	300	250	133
28	XBC5.0/300-GTOS	320	2950	2800	200	800	1300	440	900	840	550	550	800	550	550	1600	8-φ25	300	250	133
29	XBC7.0/300-GTOS	320	3150	3000	200	650	1500	520	1200	1130	550	550	800	550	550	1420	10-φ25	300	250	133

XBC-GTOS 型泵分体式安装尺寸图表 SPLIT INSTALLATION DIMENSION DIAGRAM OF XBC-GTOS PUMP



序号 No.	型 号 Type	A	A1	L	L1	L2	L3	L4	L5	B1	B2	B3	B4	B5	b1	b2	H	h1	h2	H1	n1-φd1	n2-φd2	DN1	DN2	D
1	XBC12/150-GTOS	400	480	3618	2600	200	740	1500	585	420	900	700	840	1040	650	550	600	250	250	1750	4-φ35	8-φ42	250	200	133
2	XBC15/150-GTOS	400	480	3618	2600	200	740	1500	585	420	900	700	840	1040	650	550	600	250	250	1750	4-φ35	8-φ42	200	150	133
3	XBC15/220-GTOS	400	480	4068	3050	200	890	1750	585	510	900	700	1020	1220	650	550	600	250	250	1850	4-φ35	8-φ42	250	200	133
4	XBC8.0/300-GTOS	520	600	3808	2600	200	740	1500	694	420	800	700	840	1040	650	550	630	280	280	1750	4-φ35	8-φ42	300	250	133
5	XBC10/300-GTOS	520	600	4258	3050	200	880	1750	694	510	800	700	1020	1220	650	550	630	280	280	1850	4-φ35	8-φ42	300	250	133
6	XBC12/300-GTOS	520	600	4258	3050	200	880	1750	694	510	800	700	1020	1220	650	550	630	280	280	1850	4-φ35	8-φ42	300	250	133
7	XBC7.0/350-GTOS	520	600	4009	2600	200	740	1500	810	420	1050	890	840	1040	750	650	750	350	350	1750	4-φ35	8-φ42	400	300	133
8	XBC9.0/350-GTOS	520	600	4459	3050	200	880	1750	810	510	1050	890	1020	1220	750	650	750	350	350	1850	4-φ35	8-φ42	400	300	133
9	XBC10/350-GTOS	520	600	4259	2850	200	820	1750	810	470	1050	890	940	1140	750	650	750	350	350	1850	4-φ35	8-φ42	400	300	133
10	XBC12/350-GTOS	520	600	5459	4050	200	910	2300	810	710	1050	900	1420	1620	750	650	750	350	350	2350	4-φ42	10-φ42	400	300	133
11	XBC8.0/400-GTOS	520	600	4459	3050	200	880	1750	810	510	1050	890	1020	1220	750	650	750	350	350	1850	4-φ35	8-φ42	400	300	133
12	XBC10/400-GTOS	520	600	5159	3750	200	840	1920	810	650	1050	890	1300	1500	750	650	750	350	350	2350	4-φ35	10-φ42	400	300	133
13	XBC12/400-GTOS	520	600	5459	4050	200	910	1920	810	710	1050	900	1420	1620	750	650	750	350	350	2350	4-φ42	10-φ42	400	300	133
14	XBC8.0/450-GTOS	520	600	4459	3050	200	880	1750	810	510	1050	890	1020	1220	750	650	750	350	350	1850	4-φ35	8-φ42	400	300	133
15	XBC9.0/450-GTOS	520	600	5159	3750	200	840	1920	810	650	1050	890	1300	1500	750	650	750	350	350	2350	4-φ35	10-φ42	400	300	133
16	XBC12/450-GTOS	520	600	6409	5000	200	920	2750	810	900	1050	900	1800	2000	750	650	750	350	350	3150	4-φ42	10-φ42	400	300	133
17	XBC14/450-GTOS	520	600	6409	5000	200	920	2750	810	900	1050	900	1800	2000	750	650	750	350	350	3150	4-φ42	10-φ42	400	300	133
18	XBC16/450-GTOS	520	600	6409	5000	200	920	2750	810	900	1050	900	1800	2000	750	650	750	350	350	3150	4-φ42	10-φ42	400	300	133

XBC-S型泵型谱图 SPECTRUM DIAGRAM OF XBC-S PUMP



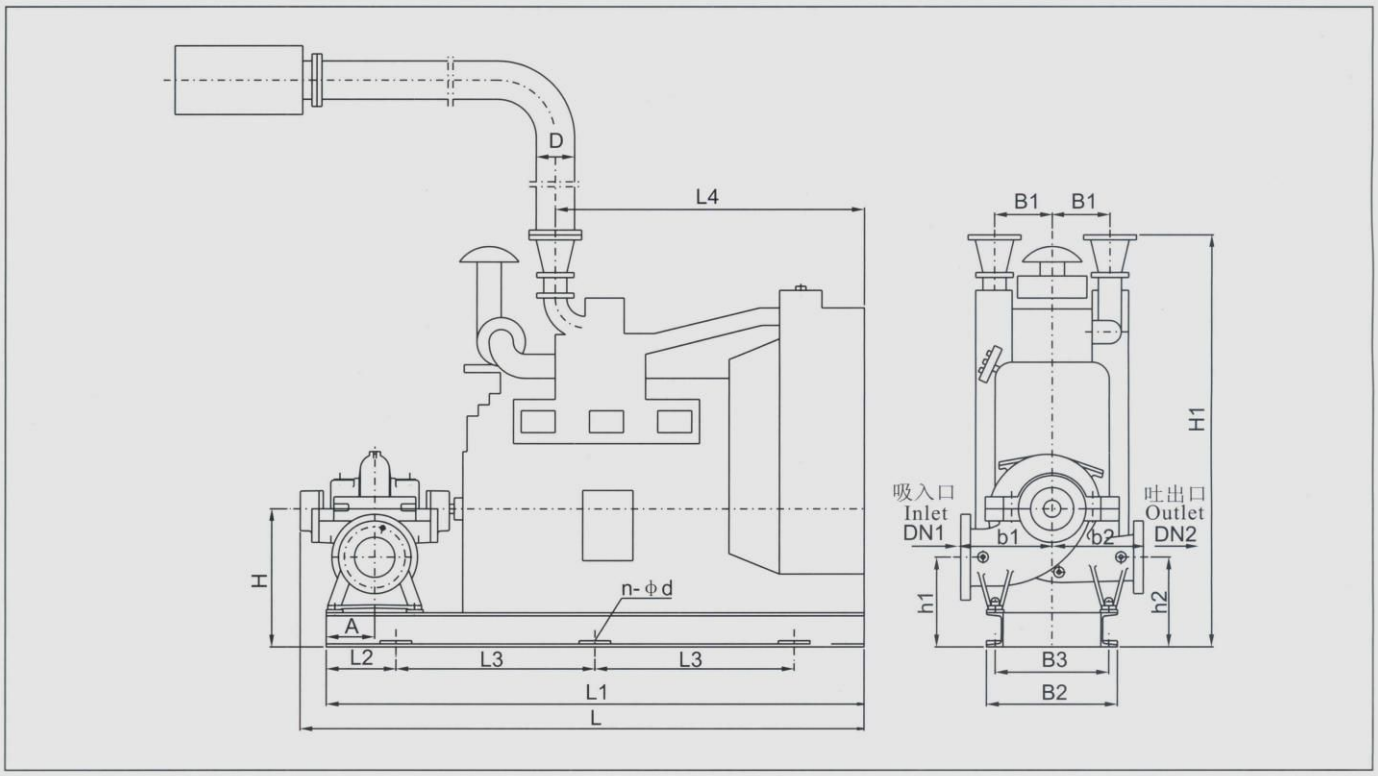
XBC-S型泵性能参数表 PERFORMANCE PARAMETERS OF XBC-S PUMP

序号 No.	型 号 Type	流量 Flow (L/s)	压力 Pressure (MPa)	转速 Rotation speed (r/min)	效率 Efficiency (%)	必需汽蚀余量 (NPSH)r (m)	功率(kW) Power (kW)		进/出口径 Inlet/outlet diameter (mm)
							轴功率 Shaft power	柴油机功率 Diesel power	
1	XBC3.6/30-S	30.1	0.4	2000	74	2.5	14.3	17.6	150/100
2	XBC2.8/25-S	26.4	0.3	2000	72	2.5	9.9	17.6	150/100
3	XBC2.3/30-S	30.1	0.2	2000	79	2.5	8.6	17.6	150/100
4	XBC1.8/25-S	26.4	0.2	2000	75	2.5	6.2	17.6	150/100
5	XBC1.7/25-S	25.0	0.2	2000	70	2.5	5.8	17.6	150/100
6	XBC4.4/50-S	52.7	0.4	2000	77	3	29.3	36	200/125
7	XBC4.0/50-S	50.5	0.4	2000	75	3	26.4	36	200/125
8	XBC3.3/45-S	46.1	0.3	2000	74	3	20.2	36	200/125
9	XBC2.9/50-S	52.7	0.3	2000	81	3	18.5	36	200/150
10	XBC2.2/45-S	46.1	0.2	2000	77	3	13.0	17.6	200/150
11	XBC1.9/50-S	52.7	0.2	2000	85	3	11.7	17.6	200/150
12	XBC1.7/45-S	46.1	0.2	2000	80	3	9.4	17.6	200/150
13	XBC7.0/135-S	139.4	0.7	1500	79	4.2	120.4	161	250/150
14	XBC5.1/120-S	120.7	0.5	1500	77	4.2	79.0	110	250/150

XBC-S型泵性能参数表 PERFORMANCE PARAMETERS OF XBC-S PUMP

序号 No.	型 号 Type	流量 Flow (L/s)	压力 Pressure (MPa)	转速 Rotation speed (r/min)	效率 Efficiency (%)	必需汽蚀余量 (NPSH)r (m)	功率(kW) Power (kW)		进/出口径 Inlet/outlet diameter (mm)
							轴功率 Shaft power	柴油机功率 Diesel power	
15	XBC4.2/135-S	139.4	0.4	1500	83	4.2	68.7	75	250/200
16	XBC3.1/120-S	120.7	0.3	1500	78	4.2	47.1	58	250/200
17	XBC2.6/135-S	139.4	0.3	1500	86	4.2	40.8	58	250/200
18	XBC2.1/120-S	120.7	0.2	1500	83	4.2	30.5	36	250/200
19	XBC1.5/135-S	139.4	0.1	1500	85	4.2	24.1	36	250/200
20	XBC1.1/120-S	120.7	0.1	1500	81	4.2	15.6	17.6	250/200
21	XBC8.3/215-S	217.2	0.8	1500	74	5.2	240.4	279	300/200
22	XBC7.2/200-S	206.9	0.7	1500	73	5.2	199.4	254	300/200
23	XBC6.2/225-S	227.0	0.6	1500	84	5.2	164.6	191	300/250
24	XBC5.4/200-S	211.2	0.5	1500	82	5.2	135.2	161	300/250
25	XBC4.6/195-S	196.8	0.5	1500	80	5.2	111.1	161	300/250
26	XBC3.4/220-S	227.0	0.3	1500	87	5.2	87.7	110	300/250
27	XBC2.8/200-S	201.1	0.3	1500	84	5.2	65.4	75	300/250
28	XBC2.0/220-S	227.0	0.2	1500	87	5.2	52.0	75	300/250
29	XBC1.6/200-S	201.1	0.2	1500	82	5.2	38.6	58	300/250
30	XBC1.3/220-S	227.0	0.1	1500	83	5.2	34.5	58	300/300
31	XBC1.1/200-S	201.1	0.1	1500	79	5.2	26.7	36	300/300
32	XBC7.0/320-S	336.2	0.7	1500	84	6	273.1	339	350/250
33	XBC5.9/310-S	310.3	0.6	1500	82	6	218.5	279	350/250
34	XBC4.7/350-S	362.1	0.5	1500	87	6	192.2	220	350/300
35	XBC3.9/320-S	320.7	0.4	1500	84	6	144.3	176	350/300
36	XBC2.5/360-S	362.1	0.3	1500	88	6	112.3	161	350/300
37	XBC2.2/320-S	324.7	0.2	1500	83	6	86.2	110	350/300
38	XBC1.7/360-S	362.1	0.2	1500	86	6	70.7	110	350/350
39	XBC1.3/320-S	324.7	0.1	1500	81	6	50.5	72	350/350

XBC-S型泵安装尺寸图表 INSTALLATION DIMENSION DIAGRAM OF XBC-S PUMP

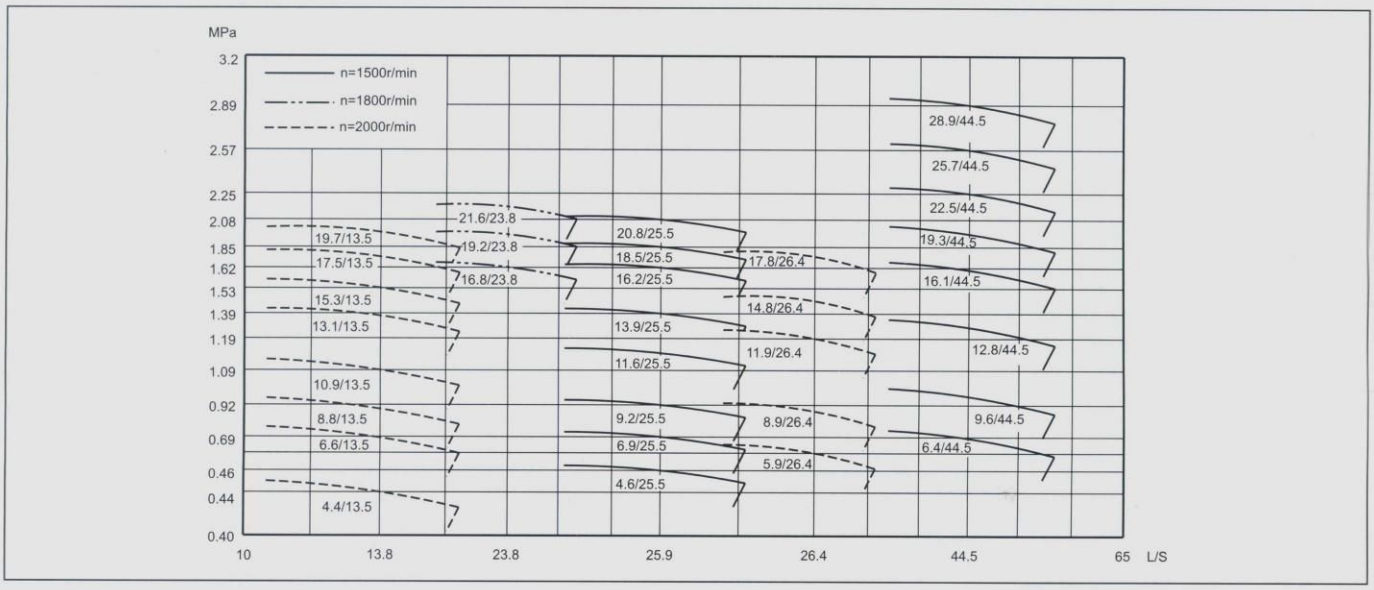


序号 No.	型 号 Type	A	L	L1	L2	L3	L4	B1	B2	B3	b1	b2	H	h1	h2	H1	n-φd	DN1	DN2	D	型 号 Type	柴油机功率 Diesel power kW
1	XBC3.6/30-S	200	1710	1700	250	605	605	250	600	550	300	250	420	280	280	985	6-φ25	150	100	64	150-78	17.6
2	XBC2.8/25-S	200	1710	1700	250	605	605	250	600	550	300	250	420	280	280	985	6-φ26	150	100	64	150-78A	17.6
3	XBC2.3/30-S	200	1710	1700	250	605	605	250	600	550	300	250	420	280	280	985	6-φ27	150	100	64	150-50	17.6
4	XBC1.8/25-S	200	1710	1700	250	605	605	250	600	550	300	250	420	280	280	985	6-φ28	150	100	64	150-50A	17.6
5	XBC1.7/25-S	200	1710	1700	250	605	605	250	600	550	300	250	420	280	280	985	6-φ29	150	100	64	150-50B	17.6
6	XBC4.4/50-S	290	1810	1800	350	550	550	360	650	600	350	300	460	320	320	1080	6-φ25	200	125	64	200-95	36
7	XBC4.0/50-S	290	1810	1800	350	550	550	360	650	600	350	300	460	320	320	1080	6-φ25	200	125	64	200-95A	36
8	XBC3.3/45-S	290	1810	1800	350	550	550	360	650	600	350	300	460	320	320	1080	6-φ25	200	125	64	200-95B	36
9	XBC2.9/50-S	290	1810	1800	350	550	550	360	650	600	320	300	460	320	320	1080	6-φ25	200	150	64	200-63	36
10	XBC2.2/45-S	200	1710	1700	250	605	605	250	600	550	320	300	420	290	290	985	6-φ26	200	150	64	200-63A	17.6
11	XBC1.9/50-S	200	1710	1700	250	605	605	250	600	550	320	300	420	290	290	985	6-φ26	200	150	64	200-42	17.6
12	XBC1.7/45-S	200	1710	1700	250	605	605	250	600	550	320	300	420	290	290	985	6-φ26	200	150	64	200-42A	17.6
13	XBC7.0/135-S	399	2910	2900	250	800	1300	330	900	840	480	400	670	480	430	1550	8-φ25	250	150	133	250-65	161
14	XBC5.1/120-S	266	2800	2800	3000	700	1100	280	900	840	480	400	620	480	430	1470	8-φ25	250	150	133	250-65A	110

XBC-S型泵安装尺寸图表 INSTALLATION DIMENSION DIAGRAM OF XBC-S PUMP

序号 No.	型 号 Type	A	L	L1	L2	L3	L4	B1	B2	B3	b1	b2	H	h1	h2	H1	n-Φd	DN1	DN2	D	型 号 Type	柴油机功率 Diesel power kW
15	XBC4.2/135-S	356	2310	2300	350	800	920	380	820	760	450	440	550	480	420	1460	8-Φ25	250	200	125	250-39	75
16	XBC3.1/120-S	290	1910	1900	400	550	680	380	820	760	450	440	500	480	420	1080	6-Φ25	250	200	64	250-39A	58
17	XBC2.6/135-S	290	1910	1900	400	550	680	380	820	760	450	400	500	340	340	1080	6-Φ25	250	200	64	250-24	58
18	XBC2.1/120-S	290	1810	1800	350	550	550	360	650	600	450	400	460	330	330	1080	6-Φ25	250	200	64	250-24A	36
19	XBC1.5/135-S	290	1810	1800	350	550	550	360	650	600	415	330	460	330	325	1080	6-Φ25	250	200	64	250-14	36
20	XBC1.1/120-S	225	1710	1700	250	605	450	185	510	470	415	330	420	290	285	985	6-Φ26	250	200	64	250-14A	17.6
21	XBC8.3/215-S	364	3100	3000	300	800	1500	770	1200	1130	560	520	830	510	453	1420	8-Φ25	300	200	133	300-90A	279
22	XBC7.2/200-S	364	3110	3000	300	800	1500	770	1200	1130	560	520	830	510	453	1420	8-Φ25	300	200	133	300-90B	254
23	XBC6.2/225-S	350	3110	3000	300	800	1500	770	1200	1130	540	530	670	470	400	1420	8-Φ25	300	250		300-58	191
24	XBC5.4/200-S	399	2910	2900	250	800	1300	330	900	840	540	530	670	490	420	1550	8-Φ25	300	250	133	300-58A	161
25	XBC4.6/195-S	399	2910	2900	250	800	1300	330	900	840	540	530	670	490	420	1550	8-Φ26	300	250	133	300-58B	161
26	XBC3.4/220-S	266	2800	2800	3000	700	1100	280	900	840	470	410	620	480	470	1470	8-Φ25	300	250	133	300-32	110
27	XBC2.8/200-S	356	2310	2300	350	800	920	380	820	760	470	410	550	470	460	1460	8-Φ25	300	250	125	300-32A	75
28	XBC2.0/220-S	356	2310	2300	350	800	920	380	820	760	500	400	550	470	460	1461	8-Φ25	300	250	125	300-19	75
29	XBC1.6/200-S	290	1910	1900	400	550	680	380	820	760	500	400	500	450	440	1080	6-Φ25	300	250	64	300-19A	58
30	XBC1.3/220-S	290	1910	1900	400	550	680	380	820	760	500	500	500	440	440	1080	6-Φ25	300	300	64	300-12	58
31	XBC1.1/200-S	290	1810	1800	350	550	550	360	650	600	500	500	460	440	440	1080	6-Φ25	300	300	64	300-12A	36
32	XBC7.0/320-S	344	3320	3200	400	800	1500	860	1200	1130	650	600	870	530	448	1500	8-Φ25	350	250	133	350-75A	339
33	XBC5.9/310-S	364	3100	3000	300	800	1500	770	1200	1130	650	600	830	510	428	1420	8-Φ25	350	250	133	350-75B	279
34	XBC4.7/350-S	280	3120	3000	300	800	1500	770	1100	1030	650	600	770	500	500	1420	8-Φ25	350	300	133	350-44	220
35	XBC3.9/320-S	280	3120	3000	300	800	1500	770	1100	1030	650	600	770	500	500	1420	8-Φ25	350	300	133	350-44A	176
36	XBC2.5/360-S	399	2910	2900	250	800	1300	330	900	840	570	510	670	480	470	1550	8-Φ26	350	300	133	350-26	161
37	XBC2.2/320-S	266	2800	2800	3000	700	1100	280	900	840	570	510	620	480	470	1470	8-Φ25	350	300	133	350-26A	110
38	XBC1.7/360-S	266	2800	2800	3000	700	1100	280	900	840	580	460	620	450	450	1470	8-Φ25	350	350	133	350-16	110
39	XBC1.3/320-S	356	2310	2300	350	800	920	380	820	760	580	460	550	450	450	1461	8-Φ25	350	350	125	350-16A	72

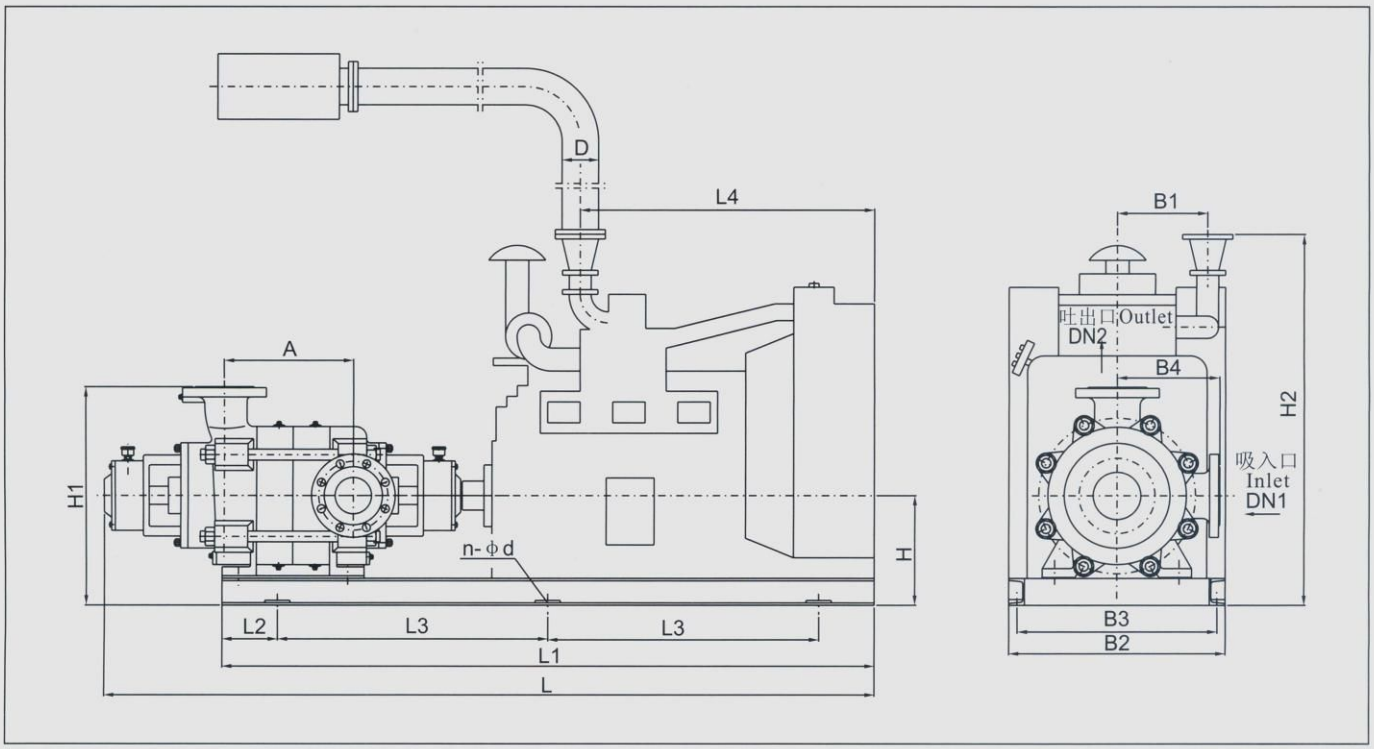
XBC-TSWA型泵型谱图 SPECTRUM DIAGRAM OF XBC-TSWA PUMP



XBC-TSWA型泵性能参数表 PERFORMANCE PARAMETERS OF XBC-TSWA PUMP

序号 No.	型 号 Type	流量 Flow (L/s)	压力 Pressure (MPa)	转速 Rotation speed (r/min)	效率 Efficiency (%)	必需汽蚀余量 (NPSH)r (m)	功率(kW) Power (kW)		进/出口径 Inlet/outlet diameter (mm)
							轴功率 Shaft power	柴油机功率 Diesel power	
1	XBC4.4/13.5-TSWA	13.8	0.44	2000	70	5.7	8.5	17.6	80/80
2	XBC6.6/13.5-TSWA	13.8	0.66	2000	70	5.7	12.7	17.6	80/80
3	XBC8.8/13.5-TSWA	13.8	0.88	2000	70	5.7	16.9	36	80/80
4	XBC10.9/13.5-TSWA	13.8	1.09	2000	70	5.7	21.1	36	80/80
5	XBC13.1/13.5-TSWA	13.8	1.31	2000	70	5.7	25.4	36	80/80
6	XBC15.3/13.5-TSWA	13.8	1.53	2000	70	5.7	29.6	36	80/80
7	XBC17.5/13.5-TSWA	13.8	1.75	2000	70	5.7	33.8	48	80/80
8	XBC19.7/13.5-TSWA	13.8	1.97	2000	70	5.7	38.1	48	80/80
9	XBC5.9/26.4-TSWA	26.4	0.59	2000	73	6.3	21.1	36	100/100
10	XBC8.9/26.4-TSWA	26.4	0.89	2000	73	6.3	31.6	48	100/100
11	XBC11.9/26.4-TSWA	26.4	1.19	2000	73	6.3	42.2	72	100/100
12	XBC14.8/26.4-TSWA	26.4	1.48	2000	73	6.3	52.7	72	100/100
13	XBC17.8/26.4-TSWA	26.4	1.78	2000	73	6.3	63.3	72	100/100
14	XBC16.8/23.8-TSWA	23.8	1.68	1800	73	5.1	53.8	66	100/100
15	XBC19.2/23.8-TSWA	23.8	1.92	1800	73	5.1	61.5	66	100/100
16	XBC21.6/23.8-TSWA	23.8	2.16	1800	73	5.1	69.2	99	100/100
17	XBC4.6/25.5-TSWA	25.9	0.46	1500	74	3.6	15.9	26.5	125/125
18	XBC6.9/25.5-TSWA	25.9	0.69	1500	74	3.6	23.8	40	125/125
19	XBC9.2/25.5-TSWA	25.9	0.92	1500	74	3.6	31.7	40	125/125
20	XBC11.6/25.5-TSWA	25.9	1.16	1500	74	3.6	39.6	58	125/125
21	XBC13.9/25.5-TSWA	25.9	1.39	1500	74	3.6	47.6	58	125/125
22	XBC16.2/25.5-TSWA	25.9	1.62	1500	74	3.6	55.5	75	125/125
23	XBC18.5/25.5-TSWA	25.9	1.85	1500	74	3.6	63.4	75	125/125
24	XBC20.8/25.5-TSWA	25.9	2.08	1500	74	3.6	71.3	110	125/125
25	XBC6.4/44.5-TSWA	44.5	0.64	1500	77	4.2	36.4	48	150/150
26	XBC9.6/44.5-TSWA	44.5	0.96	1500	77	4.2	54.7	75	150/150
27	XBC12.8/44.5-TSWA	44.5	1.28	1500	77	4.2	72.9	110	150/150
28	XBC16.1/44.5-TSWA	44.5	1.61	1500	77	4.2	91.1	110	150/150
29	XBC19.3/44.5-TSWA	44.5	1.93	1500	77	4.2	109.3	161	150/150
30	XBC22.5/44.5-TSWA	44.5	2.25	1500	77	4.2	127.5	161	150/150
31	XBC25.7/44.5-TSWA	44.5	2.57	1500	77	4.2	145.7	176	150/150
32	XBC28.9/44.5-TSWA	44.5	2.89	1500	77	4.2	164.0	191	150/150

XBC-TSWA型泵安装尺寸图表 INSTALLATION DIMENSION DIAGRAM OF XBC-TSWA PUMP



序号 No.	型 号 Type	L	L1	L2	L3	L4	A	B1	B2	B3	B4	H	H1	H2	n-φd	DN1	DN2	D
1	XBC4.4/13.5-TSWA	2070	2020	200	760	380	257	200	600	550	250	450	700	750	6-φ25	80	80	64
2	XBC6.6/13.5-TSWA	2150	2100	200	850	380	337	200	600	550	250	450	700	750	6-φ25	80	80	64
3	XBC8.8/13.5-TSWA	2350	2300	200	630	510	417	360	650	600	250	450	700	550	8-φ25	80	80	64
4	XBC10.9/13.5-TSWA	2430	2380	200	660	510	497	360	650	600	250	450	700	550	8-φ25	80	80	64
5	XBC13.1/13.5-TSWA	2510	2460	250	650	510	577	360	650	600	250	500	750	550	8-φ25	80	80	64
6	XBC15.3/13.5-TSWA	2590	2540	250	700	510	657	360	650	600	250	500	750	550	8-φ25	80	80	64
7	XBC17.5/13.5-TSWA	3070	2980	250	825	1100	737	380	820	760	250	500	750	1120	8-φ25	80	80	125
8	XBC19.7/13.5-TSWA	3150	2900	250	800	1100	817	380	820	760	250	500	750	1120	8-φ25	80	80	125
9	XBC5.9/26.4-TSWA	2380	2240	250	870	1100	255	320	820	760	300	500	800	980	6-φ25	100	100	64
10	XBC8.9/26.4-TSWA	2650	2570	250	700	1100	355	380	820	760	300	500	800	1120	8-φ25	100	100	125
11	XBC11.9/26.4-TSWA	2850	2727	250	745	1100	455	380	820	760	300	500	800	1250	8-φ25	100	100	125
12	XBC14.8/26.4-TSWA	2950	2825	250	775	1100	555	380	820	760	300	500	800	1250	8-φ25	100	100	125

XBC-TSWA型泵安装尺寸图表 INSTALLATION DIMENSION DIAGRAM OF XBC-TSWA PUMP

序号 No.	型 号 Type	L	L_1	L_2	L_3	L_4	A	B_1	B_2	B_3	B_4	H	H_1	H_2	n-φd	DN_1	DN_2	D
13	XBC17.8/26.4-TSWA	3050	2925	250	810	1100	655	380	820	760	300	500	800	1250	8-φ25	100	100	125
14	XBC16.8/23.8-TSWA	3100	2975	250	825	1100	755	380	820	760	300	500	800	1280	8-φ25	100	100	125
15	XBC19.2/23.8-TSWA	3200	3075	250	860	1100	855	380	820	760	300	500	800	1310	8-φ25	100	100	125
16	XBC21.6/23.8-TSWA	3525	3400	250	725	1100	955	380	820	760	300	500	800	1310	10-φ25	100	100	125
17	XBC4.6/25.5-TSWA	2380	2240	250	870	1100	325	320	780	730	350	500	800	980	6-φ25	125	125	125
18	XBC6.9/25.5-TSWA	2650	2570	250	700	1100	450	380	820	760	350	500	800	1090	8-φ25	125	125	125
19	XBC9.2/25.5-TSWA	2775	2695	250	730	1100	575	380	820	760	350	500	850	1090	8-φ25	125	125	125
20	XBC11.6/25.5-TSWA	2960	2900	250	820	1100	700	380	820	760	350	500	850	1120	8-φ25	125	125	125
21	XBC13.9/25.5-TSWA	3085	3105	250	870	1100	825	380	820	760	350	500	850	1120	8-φ25	125	125	125
22	XBC16.2/25.5-TSWA	3450	3300	250	700	920	950	380	820	760	350	500	850	1120	10-φ25	125	125	125
23	XBC18.5/25.5-TSWA	3600	3450	250	735	920	1075	380	820	760	350	500	850	1120	10-φ25	125	125	125
24	XBC20.8/25.5-TSWA	3750	3600	250	775	1100	1200	280	900	840	350	500	850	1350	10-φ25	125	125	133
25	XBC6.4/44.5-TSWA	2870	2700	250	740	1100	315	380	820	760	350	500	850	1120	8-φ25	150	150	125
26	XBC9.6/44.5-TSWA	2875	2800	250	765	1100	430	380	820	760	350	500	850	1120	8-φ25	150	150	125
27	XBC12.8/44.5-TSWA	2960	2900	250	800	1100	545	330	900	840	350	500	850	1400	8-φ25	150	150	133
28	XBC16.1/44.5-TSWA	3075	3015	250	840	1100	660	330	900	840	350	500	850	1400	8-φ25	150	150	133
29	XBC19.3/44.5-TSWA	3340	3200	250	900	1300	775	330	900	840	350	500	850	1430	8-φ25	150	150	133
30	XBC22.5/44.5-TSWA	3480	3320	250	710	1300	890	330	900	840	350	500	850	1430	10-φ25	150	150	133
31	XBC25.7/44.5-TSWA	3630	3480	250	750	1300	1005	410	920	860	350	500	850	1430	10-φ25	150	150	133
32	XBC28.9/44.5-TSWA	3850	3700	250	800	1300	1120	410	920	860	350	500	850	1485	10-φ25	150	150	133