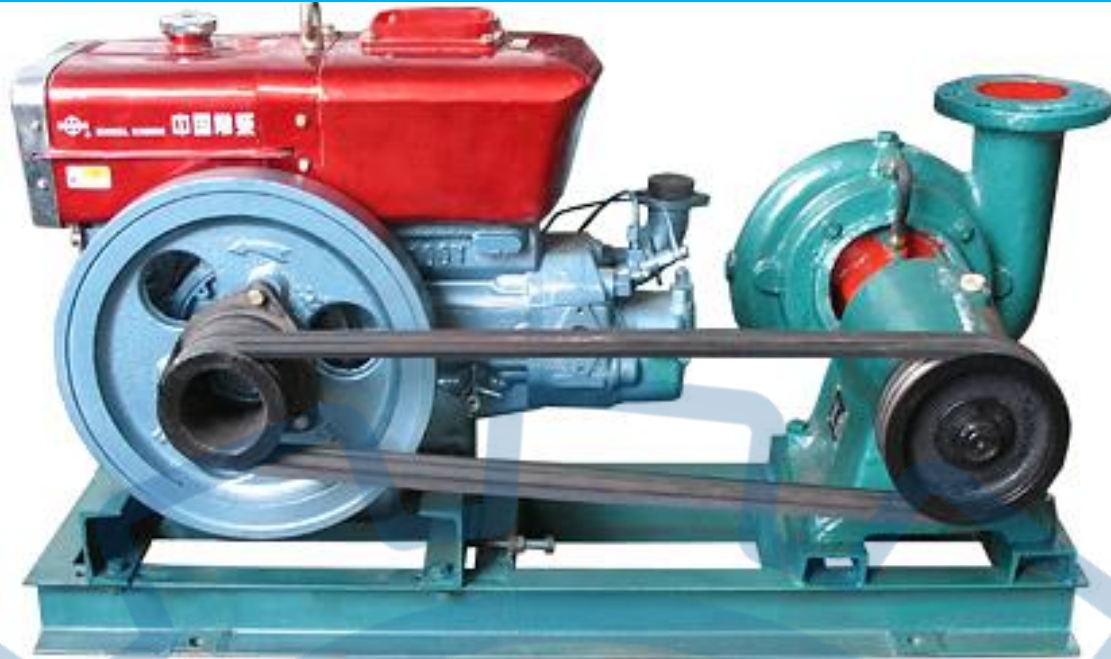


## XBC柴油机水泵 XBC Diesel Engine Water Pump



### 描述Introduction

柴油机泵机组是在反复研究同类技术的基础上开发成功的一种结构新颖的产品。该柴油机排污泵组集自吸和无堵塞排污于一体，采用柴油机驱动轴向回流外混式，并通过泵体、叶轮流道的独特设计，使用时不需要安装底阀和灌引水。泵组可吸排含有大颗粒固体和长纤维杂质液体，可广泛适用于市政排污及防涝工程、农业灌溉等。

Diesel engine Diesel engine pump unit is a new structure product developed on the basis of repeated research of similar technology. The diesel engine sewage pump set of self-priming and non-clogging sewage in one, using diesel engine driven axial reflux external mixing, and through the unique design of the pump body, impeller passage, the use of no need to install the bottom valve and irrigation water. Pump unit can absorb and discharge liquid containing large particles of solid and long fiber impurities, can be widely used in municipal sewage and flood control engineering, agricultural irrigation, etc.

### 性能特点 performance feature

- ◆ 机组选用多级泵、单级双吸泵，流量、压力范围广； The unit adopts multi-stage pump, single stage double suction pump, wide range of flow and pressure;
- ◆ 当水泵机组接收到有效消防信号，或电动机消防泵供电系统（电、缺相，或接收到远程遥控启动信号时，机组能自动启动运行。泵组启动10秒，若不能启动运转，将停止10秒。然后再从新启动，机组将自动重复三次。When the water pump unit receives effective fire signal, or the electric motor fire pump power supply system (electricity, lack of phase, or receive remote control start signal, the unit can start running automatically. The pump group will be started for 10 seconds, and if it cannot be started, it will be stopped for 10 seconds. Then start again, the unit will automatically repeat three times;
- ◆ ；多次启动失效报警，柴油机低油压报警，柴油机高水温报警，柴油机超速报警停机，蓄 电池低电压、充电失效报警。燃油缺少指示报警； Multiple startup failure alarm, diesel engine low oil pressure alarm, diesel engine high water temperature alarm, diesel engine overs peed alarm shutdown, storage battery low voltage, charging failure alarm. Fuel shortage indicator alarm;
- ◆ 配有手动，自动多种启动方式； Equipped with manual, automatic starting mode. ;
- ◆ 消防信号消失后，水泵自动延迟停机； When the fire signal disappears, the pump automatically delays the shutdown;
- ◆ 配有远程遥控启动、停机，机组运行，机组综合故障，等无源接口； Equipped with remote control starting, stopping, unit operation, unit comprehensive failure, such as passive interface;
- ◆ 柴油机和水泵直接联轴器联接，故障少、振动小； The diesel engine and water pump are directly connected by coupling, with fewer failures and less vibration;
- ◆ 在自动位，平时待机时，若蓄电池电压低时，机组能自动（恒流、恒压、涓流式）充电，保证蓄电池有充足电能。当蓄电池电压充足时，能自动停止充电，避免损坏蓄电池； In the automatic position, usually standby, if the battery voltage low, the unit can automatically (constant current, constant pressure, trickle) charge, to ensure that the battery has sufficient energy. When the battery voltage is sufficient, it can automatically stop charging to avoid damaging the battery;
- ◆ 水泵的流量、扬程与实际要求不一致时，可调节改变柴油机的转速； When the flow and head of the pump are inconsistent with the actual requirements, the rotational speed of the diesel engine can be adjusted and changed;
- ◆ 当一组电池失效时，自动使用另一组电池；（可选） When one battery fails, another battery is automatically used. (optional) ;
- ◆ 不需频繁添加补充液；（可选） No need to frequently add supplements; (optional)
- ◆ 保证低温时正常启动；（可选） Ensure normal startup at low temperature; (optional)
- ◆ 可设置定期运行功能，保证机组正常；（可选） Regular operation function can be set to ensure normal unit; (optional)

## 运行条件 operating conditions

- 1)海拔高度 Altitude Height: ≤2500米 meters;
- 2)环境温度 Environment Temperature: -25~55℃;
- 3)空气相对湿度 Air Relative Humidity: 9~95%;
- 4)地震烈度 Seismic Intensity: 7° ;
- 5)流量范围 Capacity Range: 10-900(L/S);
- 6)扬程范围 Head Range: 12-600m;
- 7)柴油机功率 Diesel Engine Power: 11-1100KW;
- 8)水泵过流部件材质: 铸铁、球墨铸铁、不锈钢、铸铜; Pump Wet Parts Material: Cast Iron, Nodular Cast Iron, Stainless Steel, Cast Copper;

## 配置 Configuration

水泵:单级离心泵、多级离心泵、单级双吸离心泵,符合GB6245-1998《消防泵性能要求和试验方法+柴油机》;

Water pump: single stage centrifugal pump, multi-stage centrifugal pump, single stage double suction centrifugal pump, in line with GB6245-1998 《Fire pump performance Requirements and Test methods + diesel engine》;

柴油机: 四冲程水冷式, 转速1500r/min<sub>0</sub>(1800r/min) Diesel engine: four-stroke water-cooled, rotational speed 1500r/min<sub>0</sub>(1800r/min) ;

蓄电池; 空气、燃油、润滑油滤清系统; 带消声器的排气系统; 发动机水冷却系统; 燃油箱。 Storage battery; Air, fuel oil, lubricating oil filtration system; Exhaust system with muffler; Engine water cooling system; The fuel tank;

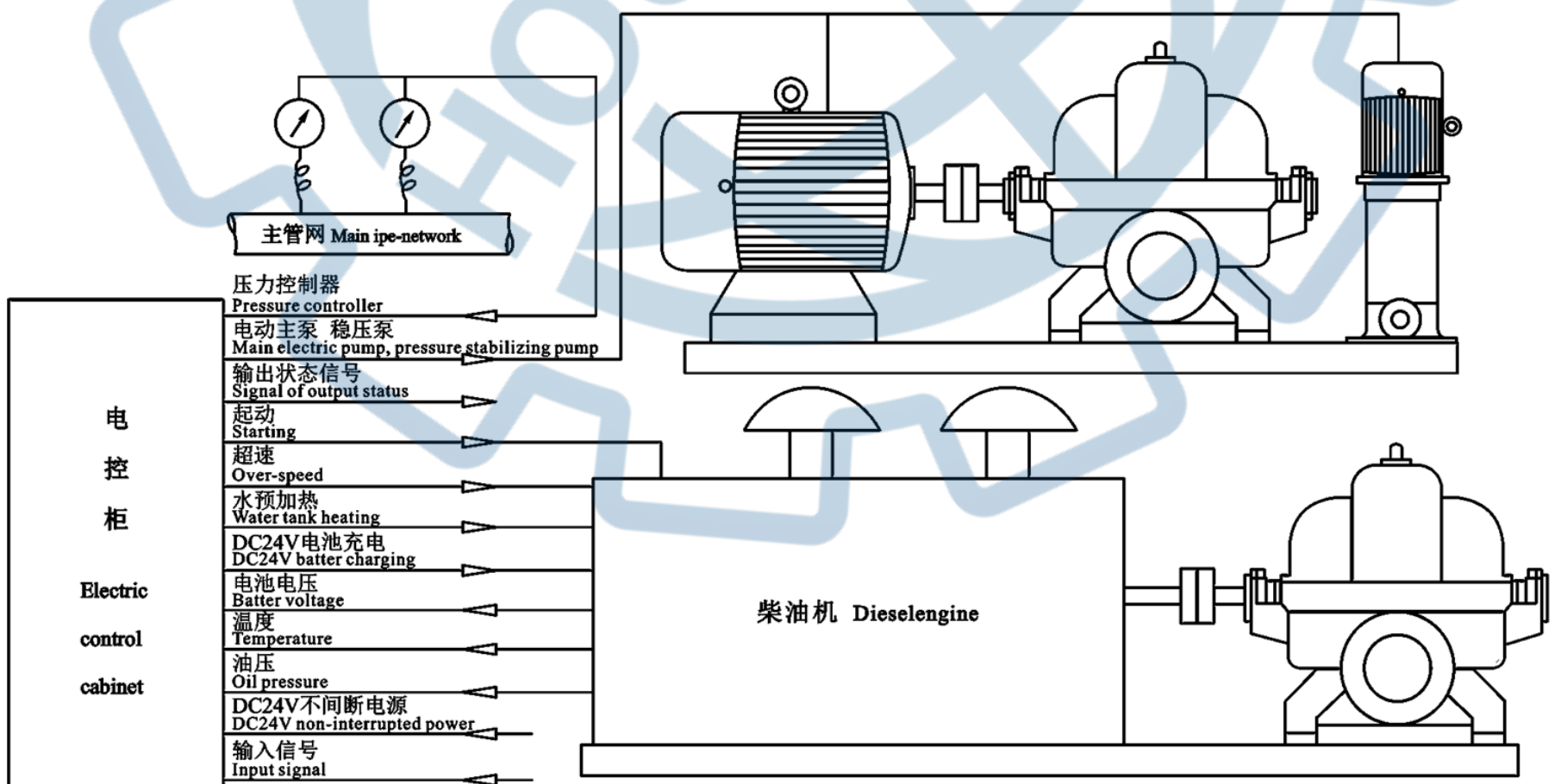
柴油机监视控制柜: PLC编程器, 全自动控制柜 Diesel monitoring control cabinet: PLC programmer, automatic control cabinet ;

## 型号说明 Application

XBC 6.0 / 50 - IS 50-32-200



## 结构与控制系统 Application:



## 油箱容积 volume of oil tank:

柴油机 Diesel engine (Kw)	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

## 技术参数 Technical Specification

序号 NO.	型号 Model	流量 Flow L/S	扬程 Head (m)	转速 Speed (r/min)	轴功率 Shaft Power (kw)	功率 Power (kw)	柴油机号 Motor Model	柴油机功率 Motor Power (Kw)	序号 NO.	型号 Model	流量 Flow L/S	扬程 Head (m)	转速 Speed (r/min)	轴功率 Shaft Power (kw)	功率 Power (kw)	柴油机号 Motor Model	柴油机功率 Motor Power (Kw)
1	XBC2.0/10	10	0.2	2600	2.68	4	R180	5.67	60	XBC12.5/20	20	1.25	1500	34.5	37	R4105ZD	56
2	XBC2.5/10	10	0.25	2200	3.55	5.5	R185	6.47	61	XBC13.5/20	20	1.35	1500	37.5	45	R4105ZD	56
3	XBC3.0/10	10	0.3	2200	4.66	5.5	R185	6.47	62	XBC14.0/20	20	1.40	1500	38.7	45	R4105ZD	56
4	XBC3.5/10	10	0.35	2300	5.4	7.5	R190	7.7	63	XBC2.5/25	25	0.25	2200	7.8	11	ZS1115	16.18
5	XBC4.0/10	10	0.4	2000	7.26	11	R195	9.7	64	XBC3.2/25	25	0.32	2200	10.5	15	ZS1115	16.18
6	XBC4.5/10	10	0.45	2200	8.16	11	ZS1100	12.13	65	XBC4.0/25	25	0.40	2200	12.8	15	ZS1125	19.85
7	XBC5.0/10	10	0.5	2200	9.07	11	ZS1100	12.13	66	XBC4.5/25	25	0.45	2200	15.6	18.5	S1130DQ	22.1
8	XBC5.5/10	10	0.55	2200	9.98	11	ZS1100	12.13	67	XBC5.0/25	25	0.50	2200	17.3	22	S1130DQ	22.1
9	XBC6.0/10	10	0.6	2200	10.89	15	ZS1U5	16.18	68	XBC5.5/25	25	0.55	2200	18.7	22	495Y4	38
10	XBC6.5/10	10	0.65	2200	8.9	15	ZS1 1 15	16.18	69	XBC6.0/25	25	0.60	2200	20.5	30	495Y4	38
11	XBC7.0/10	10	0.7	2200	9.6	15	ZS1 1 15	16.18	70	XBC6.5/25	25	0.65	2200	22.2	30	495Y4	38
12	XBC7.5/10	10	0.75	2200	10.3	15	ZS1 1 15	16.18	71	XBC7.5/25	25	0.75	2200	24.5	30	495Y4	38
13	XBC8.0/10	10	0.8	2200	11.0	15	ZS1 1 15	16.18	72	XBC8.0/25	25	0.80	2400	27	37	R4105Y1	60
14	XBC8.5/10	10	0.85	2200	11.7	15	ZS125	19.85	73	XBC8.5/25	25	0.85	2400	29	37	R4105Y1	60
15	XBC9.0/10	10	0.9	2200	12.3	15	ZS1 125	19.85	74	XBC9.5/25	25	0.95	2400	32.5	45	R4105Y1	60
16	XBC9.5/10	10	0.95	2200	13.1	15	S1130DQ	22.1	75	XBC10.5/25	25	1.05	2400	35.8	45	R4105Y1	60
17	XBC10.0/10	10	1.0	2200	14.4	18.5	S1130DQ	22.1	76	XBC11.5/25	25	1.15	2400	39.5	45	R4105Y1	60
18	XBC10.5/10	10	1.05	1500	14.7	18.5	495D	26.5	77	XBC12.0/25	25	1.20	2400	41.5	55	R4105Y1	60
19	XBC11.0/10	10	1.10	1500	15.4	18.5	495D	26.5	78	XBC12.5/25	25	1.25	2400	43.2	55	R4105Y1	60
20	XBC11.5/10	10	1.15	1500	16.1	22	495D	36	79	XBC13.5/25	25	1.35	2400	46.6	55	R4105Y1	60
21	XBC12.0/10	10	1.20	1500	16.8	22	495ZD	36	80	XBC14.0/25	25	1.40	2400	48.3	55	R4105Y1	60
22	XBC12.5/10	10	1.25	1500	17.5	22	495Z1)	36	81	XBC15.0/25	25	1.50	2400	51.8	55	R4105Y1	60
23	XBC2.4/15	15	0.24	2000	4.97	7.5	R195	9.7	82	XBC2.5/30	30	0.25	2200	9.3	11	ZS1115	16.18
24	XBC3.1/15	15	0.31	2000	6.33	7.5	R195	9.7	83	XBC3.2/30	30	0.32	2200	12.5	17.5	ZS1125	19.85
25	XBC3.9/15	15	0.39	2200	8.07	11	ZS1110	12.13	84	XBC4.0/30	30	0.40	2200	15.3	22	S1130DQ	22.1
26	XBC4.4/15	15	0.44	2200	10.1	15	ZS1115	16.18	85	XBC4.5/30	30	0.45	2200	18.6	22	495Y4	38
27	XBC5.1/15	15	0.51	2200	11.7	15	ZS1115	16.18	86	XBC5.0/30	30	0.50	2200	20.7	30	495Y4	38
28	XBC5.8/15	15	0.58	2200	13.3	15	ZS1U5	16.18	87	XBC6.0/30	30	0.60	2200	25	30	495Y4	38
29	XBC6.4/15	15	0.64	2200	13.4	18.5	S1130DQ	22.1	88	XBC6.5/30	30	0.65	2200	26.6	30	495Y4	38
30	XBC7.1/15	15	0.71	2200	15	18.5	S1130DQ	22.1	89	XBC7.5/30	30	0.75	2400	30.5	37	R4105Y1	60
31	XBC7.8/15	15	0.78	2200	16.5	18.5	SU30DQ	22.1	90	XBC8.5/30	30	0.85	2400	34.8	45	R4105Y1	60
32	XBC8.4/15	15	0.84	1500	16.9	22	495T3	29	91	XBC9.5/30	30	0.95	2400	44	55	R4105Y1	60
33	XBC9.1/15	15	0.91	1500	18.3	22	495T3	29	92	XBC10.5/30	30	1.05	2400	48.5	55	R4105Y1	60
34	XBC9.8/15	15	0.98	1500	19.7	22	495T3	29	93	XBC11.5/30	30	1.15	1500	45.7	55	NT4135DR	88.2
35	XBC10.4/15	15	1.04	1500	21	30	495AZD	36	94	XBC12.0/30	30	1.20	1500	47.8	55	NT4135DR	88.2
36	XBC11.0/15	15	1.1	1500	22.2	30	495AZD	36	95	XBC12.5/30	30	1.25	1500	51.0	75	NT4135DR	88.2
37	XBC11.7/15	15	1.17	1500	23.6	30	495AZD	36	96	XBC13.5/30	30	1.35	1500	55	75	NT4135DR	88.2
38	XBC12.3/15	15	1.23	1500	24.8	30	495AZD	36	97	XBC14.0/30	30	1.40	1500	57.2	75	NT4135DR	88.2
39	XBC13.0/15	15	1.3	1500	26.2	30	495AZD	36	98	XBC15.0/30	30	1.50	1500	61.3	75	NT4135DR	88.2
40	XBC13.7/15	15	1.37	1500	27.6	37	K4100ZD	41.2	99	XBC15.5/30	30	1.55	1500	63	75	NT4135DR	88.2
41	XBC14.3/15	15	1.43	1500	28.8	37	K4100ZD	41.2	100	XBC16.5/30	30	1.65	1500	67.5	75	NT4135DR	88.2
42	XBC15.0/15	15	1.5	1500	30.2	37	K4100ZD	41.2	101	XBC17.5/30	30	1.75	1500	71.5	90	NT6135DR	132.4
43	XBC15.6/15	15	1.56	1500	31.5	37	K4100ZD	41.2	102	XBC18.5/30	30	1.85	1500	75.6	90	NT6135DR	132.4
44	XBC16.2/15	15	1.62	1500	32.6	37	K4100ZD	41.2	103	XBC19.0/30	30	1.90	1500	77.6	90	NT6135DR	132.4
45	XBC2.5/20	20	0.25	2200	6.5	11	ZS1115	16.18	104	XBC20.0/30	30	2.00	1500	81.7	110	NT6135DR	132.1
46	XBC3.2/20	20	0.32	2200	8.7	11	ZS1115	16.18	105	XBC2.5/40	40	0.25	2200	12.3	15	ZS1125	19.85
47	XBC4.0/20	20	0.40	2200	10.9	15	ZS1U5	16.18	106	XBC3.2/40	40	0.32	2200	16.7	18.5	S1130DQ	22.1
48	XBC4.5/20	20	0.45	2200	13.6	15	ZS1125	19.85	107	XBC4.0/40	40	0.40	2200	21	30	495Y4	38
49	XBC5.0/20	20	0.50	2200	15.1	18.5	Z1125	19.85	108	XBC4.5/40	40	0.45	2200	24.5	30	495Y4	38
50	XBC5.5/20	20	0.55	2200	16.6	18.5	S1130DQ	22.1	109	XBC5.0/40	40	0.50	2200	27.2	37	495Y4	38
51	XBC6.0/20	20	0.60	2200	18.1	22	S1130DQ	22.1	110	XBC6.0/40	40	0.60	2400	32.6	45	R4105Y1	60
52	XBC6.5/20	20	0.65	1500	18.0	22	495T3	29	111	XBC6.5/40	40	0.65	2400	35.5	45	R4105Y1	60
53	XBC7.5/20	20	0.75	1500	20.7	22	495T3	29	112	XBC7.5/40	40	0.75	2400	41	55	R4105Y1	60
54	XBC8.0/20	20	0.80	1500	22.1	30	495AZD	36	113	XBC8.5/40	40	0.85	2400	48	55	R4105Y1	60
55	XBC8.5/20	20	0.85	1500	23.5	30	495AZD	36	114	XBC9.5/40	40	0.95	1500	48.5	55	NT4135DR	88.2
56	XBC9.5/20	20	0.95	1500	26.2	30	495AZD	36	115	XBC10.5/40	40	1.05	1500	54	75	NT4135DR	88.2
57	XBC10.5/20	20	1.05	1500	29	37	495AZD	36	116	XBC11.5/40	40	1.15	1500	59	75	NT4135DR	88.2
58	XBC11.5/20	20	1.15	1500	31.8	37	K4100ZD	41.2	117	XBC12.0/40	40	1.20	1500	61	75	NT4135DR	88.2
59	XBC12.0/20	20	1.20	1500	33.2	37	K4100ZD	41.2	118	XBC12.5/40	40	1.25	1500	63.7	75	6135AD	100.3

## 技术参数 Technical Specification

序号 NO.	型号 Model	流量 Flow L/S	扬程 Head (m)	转速 Speed (r/min)	轴功率 Shaft Power (kw)	功率 Power (kw)	柴油机号 Motor Model	柴油机功率 Motor Power (Kw)	序号 NO.	型号 Model	流量 Flow L/S	扬程 Head (m)	转速 Speed (r/min)	轴功率 Shaft Power (kw)	功率 Power (kw)	柴油机号 Motor Model	柴油机功率 Motor Power (Kw)
119	XBC13.5/40	40	1.35	1500	69	75	6135AD	100.3	177	XBC19.0/80	80	1.9	1500	193.5	250	NT6135Z <sub>L</sub> DR2	221
120	XBC14.0/40	40	1.40	1500	71.3	90	6135AD	100.3	178	XBC20.0/80	80	2.0	1500	204	250	NT6135Z <sub>L</sub> DR2	221
121	XBC15.0/40	40	1.50	1500	76.5	90	6135AD	100.3	179	XBC21.0/80	80	2.1	1500	214	250	NT6135Z <sub>L</sub> DR2	254
122	XBC15.5/40	40	1.55	1500	79	90	6135AD	100.3	180	XBC4.0/90	90	0.4	2400	45.5	55	R4105Y1	60
123	XBC16.5/40	40	1.65	1500	84	90	6135AD	100.3	181	XBC3.2/100	100	0.32	1500	40.5	55	NT4135DR	88.2
124	XBC3.0/50	50	0.30	2200	19.1	30	495Y4	38	182	XBC4.0/100	100	0.4	1500	50.5	75	NT4135DR	88.2
125	XBC4.0/50	50	0.40	2200	25.5	30	495Y4	38	183	XBC5.0/100	100	0.5	1500	63	90	NT4135DR	88.2
126	XBC4.5/50	50	0.45	2200	28.6	37	495Y4	38	184	XBC6.0/100	100	0.6	1500	75.5	90	6135AD	100.3
127	XBC6.0/50	50	0.60	2400	38.2	45	R4105Y1	60	185	XBC6.7/100	100	0.67	1500	84.5	110	6135AD	100.3
128	XBC7.0/50	50	0.70	1500	44.6	55	NT4135DR	88.2	186	XBC7.0/100	100	0.70	1500	88	110	NT6135DR	132.4
129	XBC7.8/50	50	0.78	1500	50	75	NT4135DR	88.2	187	XBC7.7/100	100	0.77	1500	96.8	132	NT6135DR	132.4
130	XBC8.5/50	50	0.85	1500	54	75	NT4135DR	88.2	188	XBC8.0/100	100	0.8	1500	100.6	160	NT6135ZDR1	176.5
131	XBC9.5/50	50	0.95	1500	61	75	NT4135DR	88.2	189	XBC8.6/100	100	0.86	1500	108	160	NT6135ZDR1	176.5
132	XBC10.2/50	50	1.02	1500	65	75	NT4135DR	88.2	190	XBC9.7/100	100	0.97	1500	122	200	NT6135ZDR1	176.5
133	XBC11.0/50	50	1.10	1500	70	75	NT4135DR	88.2	191	XBC11.3/100	100	1.13	1500	142	250	NT6135Z <sub>L</sub> DR2	221
134	XBC12.0/50	50	1.20	1500	76.5	90	6135AD	100.3	192	XBC4.0/120	120	0.4	1500	60.5	55	NT6135ZDR1	176.5
135	XBC12.5/50	50	1.25	1500	80	90	6135AD	100.3	193	XBC5.5/120	120	0.55	1500	83	11()	NT6135ZDR1	176.5
136	XBC13.5/50	50	1.35	1500	86	110	NT6135DR	132.4	194	XBC6.5/120	120	0.65	1500	98	110	NT6135ZDR1	176.5
137	XBC14.0/50	50	1.40	1500	89.5	110	NT6135DR	132.4	195	XBC7.0/120	120	0.7	1500	106	132	NT6135ZDR1	176.5
138	XBC15.0/50	50	1.50	1500	96	110	NT6135DR	132.4	196	XBC8.0/120	120	0.8	1500	121	160	NT6135ZDR1	176.5
139	XBC15.8/50	50	1.58	1500	101	110	NT6135DR	132.4	197	XBC9.0/120	120	0.9	1500	136	200	NT6135Z <sub>L</sub> DR2	221
140	XBC16.5/50	50	1.65	1500	105	132	NT6135DR	132.4	198	XBC10.0/120	120	1.0	1500	151	250	NT6135Z <sub>L</sub> DU2	254
141	XBC17.3/50	50	1.73	1500	110.2	132	NT6135DR	132.4	199	XBC11.5/120	120	1.15	1500	173.5	250	NT6135Z <sub>L</sub> DU2	254
142	XBC18.1/50	50	1.81	1500	116	132	NT6135DR	132.4	200	XBC18.0/125	125	1.8	1500	280	360	NT12V135ZDHx	375
143	XBC4.4/60	60	0.44	2400	33.2	45	R4105Y1	60	201	XBC6.0/150	150	0.6	1500	113	160	NT6135ZDR1	176.5
144	XBC5.5/60	60	0.55	2400	41.5	55	R4105Y1	60	202	XBC9.0/150	150	0.9	1500	170	200	NT6135Z <sub>L</sub> DR2	221
145	XBC6.6/60	60	0.66	1500	50.5	75	NT4135DR	88.2	203	XBC12.0/150	150	1.2	1500	226	315	J12V135ZDAx	331
146	XBC7.7/60	60	0.77	1500	58.8	75	NT4135DR	88.2	204	XBC3.0/160	160	0.30	1500	56	75	NT4135DR	88.2
147	XBC8.8/60	60	0.88	1500	67.3	90	NT4135DR	88.2	205	XBC3.4/160	160	0.34	1500	63	75	6135AD	100.3
148	XBC9.9/60	60	0.99	1500	75.7	90	6135AD	100.3	206	XBC4.4/160	160	0.44	1500	86	110	6135AD	100.3
149	XBC11.0/60	60	1.1	1500	84	110	6135AD	100.3	207	XBC5.2/160	160	0.52	1500	101	110	NT6135DR	132.4
150	XBC12.2/60	60	1.22	1500	93.5	110	NT6135DR	132.4	208	XBC6.0/160	160	0.60	1500	121	160	NT6135ZDR1	176.5
151	XBC13.3/60	60	1.33	1500	101.6	110	NT6135DR	132.4	209	XBC6.5/160	160	0.65	1500	131	160	NT6135ZDR1	176.5
152	XBC14.4/60	60	1.44	1500	110	132	NT6135ZDR1	176.5	210	XBC7.0/160	160	0.70	1500	157	160	NT6135Z <sub>L</sub> DR2	221
153	XBC15.5/60	60	1.55	1500	118.5	132	NT6135ZDR1	176.5	211	XBC7.8/160	160	0.78	1500	155	200	NT6135Z <sub>L</sub> DR2	221
154	XBC16.6/60	60	1.66	1500	126.9	160	NT6135ZDR1	176.5	212	XBC8.4/160	160	0.84	1500	167	200	NT6135Z <sub>L</sub> DR2	221
155	XBC17.7/60	60	1.77	1500	135.2	160	NT6135ZDR1	176.5	213	XBC9.2/160	160	0.92	1500	180.5	250	NT6135ZDR1	176.5
156	XBC18.8/60	60	1.88	1500	H3.6	160	NT6135ZDR1	176.5	214	XBC3.1/180	180	0.31	1500	63	75	6135AD	100.3
157	XBC19.9/60	60	1.99	1500	152	200	NT6135Z <sub>L</sub> DR2	221	215	XBC3.6/180	180	0.36	1500	76	90	6135AD	100.3
158	XBC21.0/60	60	2.1	1500	160.5	200	NT6135Z <sub>L</sub> DR2	221	216	XBC4.5/180	180	0.45	1500	94	110	NT6135DR	132.4
159	XBC22.2/60	60	2.22	1500	170	200	NT6135Z <sub>L</sub> DR2	221	217	XBC5.5/180	180	0.55	1500	113	132	NT6135ZDR1	176.5
160	XBC23.3/60	60	2.33	1500	178	200	NT6135Z <sub>L</sub> DR2	221	218	XBC6.2/180	180	0.62	1500	137	200	NT6135ZDR1	176.5
161	XBC5.0/70	70	0.5	2400	44	55	R4105Y1	60	219	XBC6.0/200	200	0.60	1500	147	200	NT6135Z <sub>L</sub> DR2	221
162	XBC4.0/80	80	0.4	2400	40.2	55	R4105Y1	60	220	XBC8.0/200	200	0.8	1500	192	250	NT6135Z <sub>L</sub> DU2	254
163	XBC5.0/80	80	0.5	2400	50.3	55	R4105Y1	60	221	XBC3.0/250	250	0.30	1500	86	110	NT6135DR	132.4
164	XBC6.0/80	80	0.6	1500	60.5	75	NT4135DR	88.2	222	XBC3.5/250	250	0.35	1500	100	110	NT6135DR	132.4
165	XBC7.0/80	80	0.7	1500	70.5	75	NT4135DR	88.2	223	XBC4.4/250	250	0.44	1500	135	160	NT6135ZDR1	176.5
166	XBC8.0/80	80	0.8	1500	81.5	110	6135AD	100.3	224	XBC4.9/250	250	0.49	1500	147	200	NT6135Z <sub>L</sub> DR2	221
167	XBC9.0/80	80	0.9	1500	91.7	110	NT6135DR	132.4	225	XBC5.5/250	250	0.55	1500	161	220	NT6135Z <sub>L</sub> DR2	221
168	XBC10.0/80	80	1.0	1500	102	132	NT6135DR	132.4	226	XBC6.0/250	250	0.60	1500	184	200	NT6135Z <sub>L</sub> DR2	221
169	XBC11.0/80	80	1.1	1500	112	132	NT6135DR	132.4	227	XBC6.5/250	250	0.65	1500	197	250	NT6135Z <sub>L</sub> DU2	254
170	XBC12.0/80	80	1.2	1500	122.5	132	NT6135ZDR1	176.5	228	XBC7.0/250	250	0.70	1500	212	250	NT6135Z <sub>L</sub> DU2	254
171	XBC13.0/80	80	1.3	1500	132.5	160	NT6135ZDR1	176.5	229	XBC2.9/400	400	0.29	1500	134	160	NT6135ZDR1	176.5
172	XBC14.0/80	80	1.4	1500	143	160	NT6135ZDR1	176.5	230	XBC3.5/400	400	0.35	1500	164	200	NT6135Z <sub>L</sub> DR2	221
173	XBC15.0/80	80	1.5	1500	153	200	NT6135ZDR1	176.5	231	XBC3.9/400	400	0.39	1500	182	200	NT6135Z <sub>L</sub> DR2	221
174	XBC16.0/80	80	1.6	1500	163	200	NT6135ZDR1	176.5	232	XBC4.8/400	400	0.48	1500	219	250	NT6135Z <sub>L</sub> DU2	254
175	XBC17.0/80	80	1.7	1500	173.2	200	NT6135Z <sub>L</sub> DR2	221	233	XBC2.9/600	600	0.29	1500	203	280	J12V135ZDAx	331
176	XBC18.0/80	80	1.8	1500	183.5	200	NT6135Z <sub>L</sub> DR2	221	234	XBC3.6/600	600	0.36	1500	247	355	NT12V135ZDH	353