

JBF 500V 0.3mm² SHANGHAI HANKE DIANXIAN YOUXIANGONGSI

应用范围

适用于交流500V及以下的B级绝缘电机电器作引接线，湿热地区亦适用。

APPLICATIONS

For use as pigtail of motor and electric apparatus (at/below voltage 500V, Class B insulation) in even humid tropics.

电线结构

多股细裸束绞铜丝或镀锡铜丝导体；
绝缘采用丁腈复合物。

WIRE MAKE-UP

Fine bare copper/tinned copper stranded conductor
Combined Acrylonitrile-butadiene and PVC insulation

技术参数

- ☒ 温度范围：固定安装 -35℃ ~ +90℃
- ☒ 额定电压：U₀ 500V
- ☒ 符合标准：JB 1138-76
- ☒ 导体标准：GB/T 3956-1997 第5、6种
- ☒ 弯曲半径：大于4×电线外径

TECHNICAL DATA

- ☒ Operating Temp.: -15℃ ~ +90℃
- ☒ Rated Voltage: U₀ 500V
- ☒ Governing Standards: JB 1138-76
- ☒ Conductor Standards: Category 5, 6 in GB/T 3956-1997
- ☒ Bending Radius: more than 4 × wire O.D.

导体截面 Cross Section mm ²	导体结构 根数/单根直径 Conductor Structure Cond. No./O.D	标称外径 Nominal O.D. mm	最大外径 Max O.D. mm	重量(近似) Approx. Weight Kg/Km	导体20℃时 最大电阻 Max. Cond. R@20℃ ≤ (Ω/Km)	环境温度 30℃架空时 参考载流量(A) Ampacity@30℃ Ambient (aerial cable)
0.03	7/0.07	1.01	1.1	1.4	693	
0.06	7/0.10	1.10	1.2	1.9	366	
0.12	7/0.15	1.25	1.4	2.8	158	3
0.2	12/0.15	1.42	1.6	4.0	92.3	5
0.3	16/0.15	1.71	1.9	5.6	69.2	10
0.4	23/0.15	1.90	2.1	7.3	48.2	13
0.5	28/0.15	2.10	2.2	8.4	39.0	15
0.75	42/0.15	2.66	2.9	13.7	26.0	20
1	32/0.20	2.74	3.1	16.4	19.5	24
1.5	48/0.20	3.11	3.4	22.4	13.3	30
2.5	19/0.41	4.05	4.5	38.4	7.41	44
4	19/0.52	4.60	5.1	55.5	4.61	59
6	19/0.64	5.20	5.7	77.9	3.08	75
10	49/0.52	7.08	7.8	133	1.83	101
16	49/0.64	8.16	9.0	190	1.15	137
25	98/0.58	10.48	11.5	306	0.727	182
35	133/0.58	11.50	12.7	401	0.524	228
50	133/0.68	13.40	14.7	549	0.387	293

▲ 载流量是周围温度设定在30℃时的计算值。电线芯数、周围温度、布线状况等条件改变时应乘以系数。(见附录)

▲ Current-carrying capacity is the calculated value based on a ambient temperature of 30℃ and is to be multiplied by a factor when application conditions including number of cores, ambient temperature and wiring condition are changed. (see Appendix)