TVV型 卷筒、行车、电梯圆形软电缆
TVV Round flexible cable for cable drum, travelling crane, elevator and the like

应用范围

适用于安装在自由悬挂长度不超过45m及移动速度不超过4.0m/s的卷筒机、运输机械、电梯及输送装置，同时也可在拖链系统中用作卷筒和拖曳电缆，既随托轴或其它类似装置的导向进行收展运动。

APPLICATIONS

For cable drums, transport machineries, elevators and conveyors where the free suspension length and thetravelling speed is not more than 45m and 4.0m/s respectively. It may also be used as trailing cable in energy chain system where it is allowed to travelling along with carriers and other guides.

电线结构

多股细裸束绞铜丝或镀锡铜丝导体；
特殊PVC绝缘，特殊PVC护套。

WIRE–MAKE–UP

Multi–stranded fine bare copper/tincopper conductor,
Special PVC insulation, Special PVC sheath

技术参数

- 温度范围：固定安装 –35℃～+70℃
  移动安装 –15℃～+70℃
- 额定电压：U_0/U 300/500V、450/750V
- 符合标准：GB/T 5023.6–2006
- 导体标准：GB/T 3956–1997 第5种
- 弯曲半径：大于10×电线外径(移动)

TECHNICAL DATA

- Operating Temp.:
  –35℃～+70℃ for fixed wiring
  –15℃～+70℃ for movable wiring
- Rated Voltage: U_0/U 300/500V、450/750V
- Governing Standards: GB/T 5023.6–2006
- Conductor Standards: Category 5 in GB/T 3956–1997
- Bending radius: more than 10×wire O.D.

额定电压 Rated Voltage	
电缆导体标称截面1mm²及以下 Conducotor nominal section ≤1mm²	电缆导体标称截面大于1mm² Conducotor nominal section >1mm²
300/500V	450/750V

导体标称截面mm² Conducotor Nominal Section, mm²		
优先选用芯数 Preferred Core No.	6、9、12、18、24、30	4、5

导体截面mm² Conducotor Section mm²	绝缘厚度mm Insulation Thickness mm	70℃时最小绝缘电阻/(MΩ·km) Min. Insulation Resistance @70℃ MΩ·km
0.75	0.6	0.011
1	0.6	0.010
1.5	0.7	0.010
2.5	0.8	0.009
4	0.8	0.007
6	0.8	0.006
10	1.0	0.0056
16	1.0	0.0046
25	1.2	0.0044

缆芯包覆层的假定直径/mm Provided diameter of cable core jacket, mm	护套厚度规定值/mm Specified Sheath Thickness, mm
不大于9.0	1.0
9.1～14.0	1.3
14.1～18.0	1.6
18.1～22.0	2.0
大于22.0	2.4

▲ 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)