

钢丝绳使用推荐表
Wire Series Application Recommendation

用途 Usage	名称 Rope type	结构 Structure	备注 Comments
立井提升 Hoisting in vertical shafts	三角股钢丝绳 Triangular strand wire rope	6Vx37S 6Vx37 6Vx34 6Vx30 6Vx31 6Vx43	
	线接触钢丝绳 Line contacted wire rope	6x19S 6x19W 6x25Fi 6x26WS 6x29Fi 6x31WS 6x36WS 6x41WS	推荐同向捻 Lang's lay is recommended
	多层股钢丝绳 Multi-layer strand wire rope	18x7 17x7 35Wx7 24Wx7 6Qx19+6Vx21 6Qx33+6Vx21	用于钢丝绳罐道的立井 For use in vertical shafts with wire rope guide
开凿立井提升 (建井用) Shafts excavation	多层股钢丝绳及 异形股钢丝绳 Multi-layer strand wire rope un-shaped strand wire rope	60x33+6Vx21 17x7 18x7 34x7 36x7 60x19+6Vx21 4Vx39S 4Vx48S 35Wx7 24Wx7	
立井平衡绳 Balanced ropes for use in vertical shafts	钢丝绳 Steel wire rope	6x37S 6x36WS 4Vx39S 4Vx48S	仅用于交互捻 Use ordinary lay only
	多层股钢丝绳 Multi-layer strand wire rope	17x7 18x7 34x7 36x7 35Wx7 34Wx7	仅用于交互捻 Use ordinary lay only
斜井提升(绞车) Hoisting in inclined shafts(winch)	三角股钢丝绳 Triangular strand wire rope	6Vx18 6Vx19	
	钢丝绳 Steel wire rope	6x7 6x9W	推荐同向捻 Lang's lay is recommended
高炉卷扬 Blast furnace hoist	三角股钢丝绳 Triangular strand wire rope	6Vx37S 6Vx37 6Vx30 6Vx34 6Vx43	
	线接触钢丝绳 Line contacted wire rope	6x19S 6x25Fi 6x29Fi 6x26WS 6x31WS 6x36WS 6x41WS	
立井罐道及索道 Vertical shaft guide and ropeway	三角股钢丝绳 Triangular strand wire rope	6Vx18 6Vx19	
	多层股钢丝绳 Multi-layer strand wire rope	18x7 17x7	推荐同向捻 Lang's lay is recommended
露天斜坡卷扬 Winch on slope	三角股钢丝绳 Triangular strand wire rope	6Vx37S 6Vx37 6Vx30 6Vx34 6Vx43	
	线接触钢丝绳 Line contacted wire rope	6x36WS 6x37S 6x41WS 6x49SWS 6x55SWS	推荐同向捻 Lang's lay is recommended
石油开采 Oil exploration	线接触钢丝绳 Line contacted wire rope	6x19S 6x19W 6x25Fi 6x29Fi 6x26WS 6x31WS 6x36WS	可采用钢芯 May use steel core wire ropes
钢绳牵引皮带输送机、 索道牵引、缆车 Conveyer belt, telpher, cable railway	线接触钢丝绳 Line contacted wire rope	6x19S 6x19W 6x25Fi 6x29Fi 6x26WS 6x31WS 6x36WS 6x41WS	推荐同向捻 Lang's lay is recommended
挖掘机(电铲卷扬) Excavating machinery	线接触钢丝绳 Line contacted wire rope	6x19S+IWR 6x25Fi+IWR 6x19W+IWR 6x29Fi+IWR 6x26WS+IWR 6x31WS+IWR 6x36WS+IWR 6x55SWS+IWR 6x49SWS+IWR 35Wx7 24Wx7	推荐同向捻 Lang's lay is recommended
	三角股钢丝绳 Triangular strand wire rope	6Vx30 6Vx34 6Vx37 6Vx37S 6Vx43	

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大型浇铸吊车 Metallurgy	线接触钢丝绳 Line contacted wire rope	6x19S+IWR 6x19W+IWR 6x25Fi+IWR 6x36WS+IWR 6x41WS+IWR	
港口装卸、水利工程 及建筑用塔式起重机 Dock, irrigation projects, tower crane	多层股钢丝绳 Multi-layer strand wire rope	18x19S 18x19W 34x7 36x7 35Wx7 24Wx7	
	四股扇形股钢丝绳 4 strand fan-shaped wire rope	4Vx39S 4Vx48S	
繁忙起重及其它 重要用途 Frequent hoisting and for other important purposes	线接触钢丝绳 Line contacted wire rope	6x19S 6x19W 6x25Fi 6x29Fi 6x26WS 6x31WS 6x36WS 6x37S 6x41WS 6x49SWS 6x55SWS 8x19S 8x25Fi 8x26WS 8x31WS 8x36WS 8x41WS 8x49SWS 8x55SWS	
	四股扇形股钢丝绳 4 strand fan-shaped wire rope	4Vx39S 4Vx48S	
热移钢机 (轧钢厂推钢台) Steel works	线接触钢丝绳 Line contacted wire rope	6x19S+IWR 6x19W+IWR 6x25Fi+IWR 6x29Fi+IWR 6x31WS+IWR 6x37S+IWR 6x36WS+IWR	
船舶装卸 Ship loading and unloading	线接触钢丝绳 Line contacted wire rope	6x19W 6x25Fi 6x29Fi 6x31WS 6x36WS 6x37S	镀锌 Galvanized
	多层股钢丝绳 Multi-layer strand wire rope	18x19S 18x19W 34x7 36x7 35Wx7 24Wx7	
	四股扇形股钢丝绳 4 strand fan-shaped wire rope	4Vx39S 4Vx48S	
拖船、货网 Towboat, cargo net	钢丝绳 Steel wire rope	6x31WS 6x36WS 6x37S	镀锌 Galvanized
船舶张拉桅杆吊桥 Fixing mast and hanging bridge on ships	钢丝绳 Steel wire rope	6x7+IWR 6x19S+IWR	镀锌 Galvanized
打捞沉船 Salvage operations	钢丝绳 Steel wire rope	6x37S 6x31WS 6x36WS 6x41WS 6x49SWS 6x55SWS 8x19S 8x19W 8x31WS 8x36WS 8x41WS 8x49SWS 8x55SWS	镀锌 Galvanized

注释:

1. 腐蚀是主要报废原因时, 应采用镀锌钢丝绳。
2. 钢丝绳工作时, 终端不能自由旋转, 或虽有反拨力, 但不能相互纠合在一起的工作场合, 应采用同向捻钢丝绳。

Note:

1. Use galvanized wire ropes in corrosive environment.
2. Use Lang's lay when the wire rope should not rotate during operation, or when the ropes should not cross each other, even if they belong to rotation-resistant type.