STEEL WIRE ROPE

6VX19+IWR Steel Wire Rope

Wire Rope Definition a. Wires: steel wires for wire ropes are normally made of non-alloy carbon steel with a carbon content of 0.4 to 0.95%. The tensile forces and to run over sheaves with relatively small diameters. ...

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	Steel Wire Rope
Standard	DIN
Material	SS Galvanized
Weight / Size	6VX19+IWR Steel Wire Rope Construction 6VX19+IWR Steel Wire Rope Paramet...
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	Steel Wire Rope	**Model / SKU**	6VX19-IWR-Steel-Wire-Rope
Standard	DIN	**Material**	SS Galvanized
Weight / Size	6VX19+IWR Steel Wire Rope Construction 6VX19+IWR Steel Wire Rope Parameters Diameter MM Approx.Weight Minimun Breaking Load of Rope (KN) Kg/100m 1570Mpa 1670Mpa NF SF IWR FC IWR FC IWR 20 165 162 175 236 250 250 266 22 199 196 212 285 302 303 322 24 237 233 252 339 360 361 383 26 279 273 295 398 422 423 449 28 323 317 343 462 490 491 521 30 371 364 393 530 562 564 598 32 422 414 447 603 640 641 681 34 476 467 505 681 722 724 768 36 534 524 566 763 810 812 861 Diameter MM Approx.Weight Minimun Breaking Load of Rope (KN) Kg/100m 1770Mpa 1870Mpa 1960Mpa NF SF IWR FC IWR FC IWR FC IWR 20 165 162 175 266 282 280 298 294 312 22 199 196 212 321 341 339 360 356 378 24 237 233 252 382 406 404 429 423 449 26 279 273 295 449 476 474 503 497 527 28 323 317 343 520 552 550 583 576 612 30 371 364 393 597 634 631 670 662 702 32 422 414 447 680 721 718 762 753 799 34 476 467 505 767 814 811 860 850 902 36 534 524 566 860 913 909 965 953 1010 Applications:	**Surface**	galvanized
Certificate	ABS, LR, BV, DNVGL, NK, KR, IRS, RMRS, CCS	**Warranty**	12 Months unless specified otherwise
Origin	China		

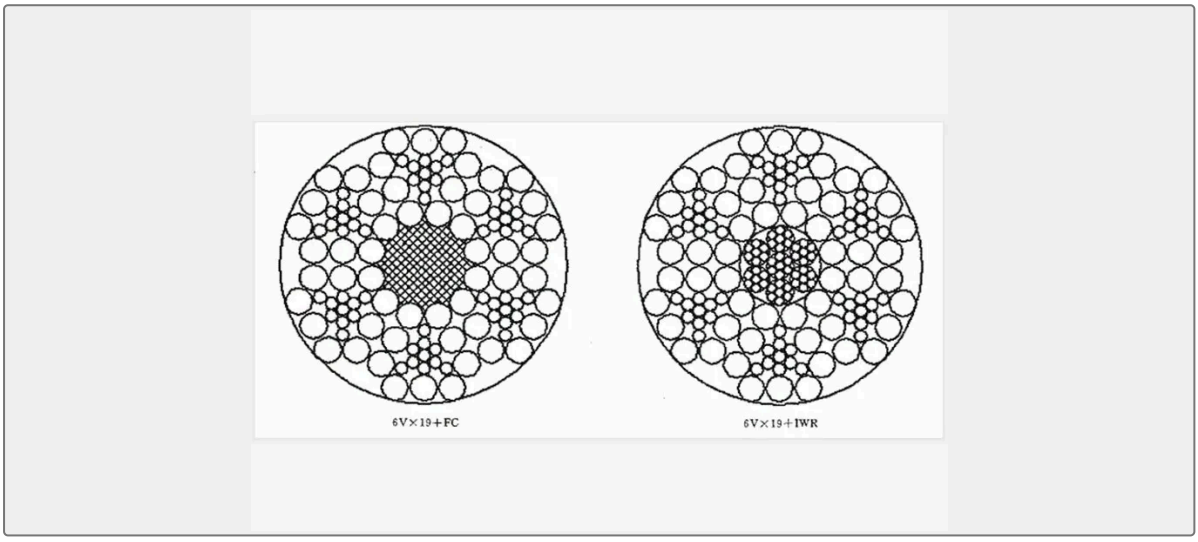
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Wire Rope Definition

a. Wires: steel wires for wire ropes are normally made of non-alloy carbon steel with a carbon content of 0.4 to 0.95%. The tensile forces and to run over sheaves with relatively small diameters.
b. Strand: the strand is a component of wire rope usually consisting of an assembly of wires of appropriate diamsions laid helically in one or more layers around a central element.
c. Core: the core is the central element, of fiber or steel, around which are laid helically the outer strands of wire rope. The core provides proper support for the strands under normal bending and loading conditions.
d. Wire rope is several strands of metal wire twisted into a helix forming a composite "rope", in a pattern known as "laid rope". Larger diameter wire rope consists of multiple strands.

6VX19+IWR Steel Wire Rope Construction



6VX19+IWR Steel Wire Rope Parameters

Diameter MM	Approx.Weight			Minimun Breaking Load of Rope（KN)			
	Kg/100m			1570Mpa		1670Mpa	
	NF	SF	IWR	FC	IWR	FC	IWR
20	165	162	175	236	250	250	266
22	199	196	212	285	302	303	322
24	237	233	252	339	360	361	383
26	279	273	295	398	422	423	449
28	323	317	343	462	490	491	521
30	371	364	393	530	562	564	598
32	422	414	447	603	640	641	681
34	476	467	505	681	722	724	768
36	534	524	566	763	810	812	861

Diameter MM	Approx.Weight			Minimun Breaking Load of Rope（KN)					
	Kg/100m			1770Mpa		1870Mpa		1960Mpa	
	NF	SF	IWR	FC	IWR	FC	IWR	FC	IWR
20	165	162	175	266	282	280	298	294	312
22	199	196	212	321	341	339	360	356	378
24	237	233	252	382	406	404	429	423	449
26	279	273	295	449	476	474	503	497	527
28	323	317	343	520	552	550	583	576	612
30	371	364	393	597	634	631	670	662	702
32	422	414	447	680	721	718	762	753	799
34	476	467	505	767	814	811	860	850	902
36	534	524	566	860	913	909	965	953	1010

Applications:

Mine hoisting, blast furnace hoisting, large casting, oil drilling, forestry and marine industries,all kinds ofelevator, large hoisting, ground cable car ships and offshore facilities, cable railing.

How To Choose Material:

1.stainless steel :
providing good corrosion resistance and strength comparable to galvanized carbon steel grades.
2.galvanized steel:
Zinc coated carbon steel offers some corrosion resistance. It remains ductile over long periods of working. Usually higher break strengths than stainless steels.

Packaging

