

SEVENCRANE Henan Seven Industry Co.,Ltd

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Wire Rope Electric Hoist



SEVENCRANE



Company profile

SEVENCRANE (Henan Seven Industry Co., Ltd) offers our customers with reliable, safe and highperformance solutions for industrial cranes, crane components and drives. SEVENCRANE serves a wide range of industries including machinery, metallurgy, power industry, railways, water conservancy, ports, mines, coal, petroleum, chemical industries, etc.

SEVENCRANE stands for first-rate service, cost-effective, high quality. Based on our brand commitment, we provide butler-style services to our customers at all stages, and fully consider the solutions for the purchase, production, transportation, installation and after-sale process of cranes.

Our customers appreciate our reliability and professionalism. Our sales staffs are trained in professional crane knowledge and customers can communicate with them on technical issues directly.

Values and vision

SEVENCRANE is committed to the highest efficiency, best results and best service. Choose SEVENCRANE to give you peace of mind and focus on your business.

Our core values: First class service—Safety—Efficient—Reliable

"Tell sevencrane your needs and leave the rest to us."

Business area

Spare parts and service	Industrial cranes
SEVENCRANE provides components and mainte- nance services for all types of cranes to help cus- tomers increase productivity and perform crane maintenance or assembly.	SEVENCRANE serves a wide range of industries including machinery, metallurgy, power industry, railways, water conservancy, ports, mines, coal, pe- troleum, chemical industries, etc. We offer cranes, solutions of crane and material handling solutions to a wide range of customers.
Product: SEVENCRANE can provide: Rail system, Bus bar, Remote control, Wire rope, All kinds of hook block, Wheels, Couplings, Drums, Buffers, End carriage, Pulley, Grab buck- ets, Crane magnet. We also provide crane system design, crane instal- lation and training for our customers, and have per- fect after-sales service.	Product: SEVENCRANE provide customers in various in- dustries: Gantry crane, Bridge crane, Jib crane, Electric hoist, Winch, European type crane.

SEVENCRANE

Qualification Certificate



Safety mark certificate for mineral products

Wire rope electric hoist

Overview

Wire rope electric hoist belongs to special lifting equipment; commonly used wire rope electric hoist has CD1, MD1, explosion-proof electric hoist, metallurgical wire rope electric hoist. Wire rope electric hoist has the advantages of compact structure, light weight, small size, strong parts versatility, easy operation and so on. It can be installed on I-beam, electric or manual single beam, double beam, cantilever, gantry and other cranes. It is suitable for civil and construction works of construction and installation companies, factories and mines, as well as mechanical equipment for infrastructure construction projects such as bridge construction, electric power, ship, automobile manufacturing, construction, highway, bridge, metallurgy, mine, slope tunnel, well management and protection, etc.

Specification

- 1. Type: CD1 (single speed) /MD1(double speed) /BCD (explosion-proof)/YH (metallurgical)
- 2. Lifting capacity:0.5T/1T/2T/3T/5T/10T/16T/20T
- 3. Lifting height: 6M/9M/12M/18M/24M/30M
- 4. Lifting speed:3.5/7/8/3.5(0.35)/8(0.8) m/min
- 5. Travelling speed:20m/min

Lifting Minimum Radius Wir Angelling	Infiting teght Infiting teght Lifting speed m/m Lifting speed m/m Travelling speed m/m Norminal diameter min Wire diameter min Norminal style min Structural style min Minimum Radius of circular railway m Minimum Radius of circular railway m Model/KW power k hz voltage v hz hz H nodel/KW hz H nodel/KW hz K	t m m/min mm mm mm h m r/min r/min r/min r/min	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	10 6 9 12 18 24 2 7 0.777 20 15 0.7 6×37+NF 28a~63c	16 6 9 12 18 24 30 3.5 0.35/3.5 20 18 0.7
Intring Intring Intring Intring Intring Norm Minimum Radiu Structure Intring Intring	capacity height j speed mg speed inal diameter e diameter ctural style tel (GB/T706- tel (GB/T706- tel (CB/T706- tel (CB/T706- tel (CB/T706- tel (CB/T706- tel (CB/T706- phase voltage electricity hz hodel/KW	t m m/min mm mm H-1988) -1988) m r/min r/min r/min r/min	6 8 11 11 1 1 1 1 1 2 2 10 2 10 2 1 <th>1 1 9 12 18 24 8 0.8/8 20 7.4 0.3/4 0.34 0.34 6×37 + NF 16-28b 16-28b 16-28b 2Di,22-4/1.5 1.5 2DS,0.2/1.5 1.380 380 3 4.3 0.72/4.3 50 20 20.2 1.1-4 0.2 3</th> <th>$\begin{bmatrix} 9 & 12 & 18 & 24 & 30 \\ 8 & 0.8/8 & 20 \\ 20 & 11 & 11 \\ 0.5 & 6 \times 37 + NF \\ 6 \times 37 + NF & 20a \sim 32c \\ 2 & 2.5 & 3 & 4 \\ 2 & 20a \sim 32c \\ 2 & 3 & -4/3 & 3 \\ 2 & 203 \sim 32c \\ 3 & 0.4/3.0 & 3 \\$</th> <th>0 0 8 0.8/8 8 0.8/8 20 20 13 0.6 6×37+NF 6×37+NF 20a~45c 2.5 2132-4/4.5 3 2D5,0.4/4.5 1.380 1380 380 11 2.4/1 50 20 20 380 212,2.2,1.1 2.5</th> <th>$\begin{array}{ c c c c c c c c c c c c c c c c c c c$</th> <th>$\begin{array}{c ccccccccccccccccccccccccccccccccccc$</th> <th>6 9 12 18 24 3.5 0.35/3.5 20 18 0.7</th>	1 1 9 12 18 24 8 0.8/8 20 7.4 0.3/4 0.34 0.34 6×37 + NF 16-28b 16-28b 16-28b 2Di,22-4/1.5 1.5 2DS,0.2/1.5 1.380 380 3 4.3 0.72/4.3 50 20 20.2 1.1-4 0.2 3	$\begin{bmatrix} 9 & 12 & 18 & 24 & 30 \\ 8 & 0.8/8 & 20 \\ 20 & 11 & 11 \\ 0.5 & 6 \times 37 + NF \\ 6 \times 37 + NF & 20a \sim 32c \\ 2 & 2.5 & 3 & 4 \\ 2 & 20a \sim 32c \\ 2 & 3 & -4/3 & 3 \\ 2 & 203 \sim 32c \\ 3 & 0.4/3.0 & 3 \\$	0 0 8 0.8/8 8 0.8/8 20 20 13 0.6 6×37+NF 6×37+NF 20a~45c 2.5 2132-4/4.5 3 2D5,0.4/4.5 1.380 1380 380 11 2.4/1 50 20 20 380 212,2.2,1.1 2.5	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	6 9 12 18 24 3.5 0.35/3.5 20 18 0.7
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Travellin Minimum Radiu Minimum Radiu Control Lifting motor	ng speed inal diameter e diameter ctural style lel (GB/T706 lel (GB/T706 i of circular railway hodel/KW hase voltage electricity hz hodel/KW	m/min mm 1988) 1988) m kW K Hz Hz Hz Kw i/min		$\begin{array}{c c} 20 \\ 7.4 \\ 0.34 \\ \hline 0.34 \\ \hline 0.34 \\ \hline 0.2 \\ \hline 16 \sim 28b \\ 16 \sim 28b \\ \hline 16 \sim 22b \\ 16 \sim 22b \\ \hline 15 & 0.2/1.5 \\ \hline 1.5 & 0.2/1.5 \\ \hline 1.5 & 0.2/1.5 \\ \hline 1380 \\ \hline 3 \\ 380 \\ \hline 1380 \\ \hline 3 \\ 380 \\ \hline 1380 \\ \hline 138$	20 11 0.5 6×37+NF 5×37+NF 20a-32c 20a-32c 20,a/3.0 30,4/3.0 30,4/3.0 30,4/3.0 30,4/3.0 380 380 7.6 1.25/7.6 50 50	20 13 0.6 6×37+NF 20a~45c 20a~45c 20a~45c 20a~45c 20a~45c 20a~45c 1380 1380 1380 380 11 2.4/11 50 50 50 50 50 50 50 50 50 50	20 15 0.7 6×37+NF 28a~63c 28a~63c 28a~63c 28a~63c 7.5 0.8/7.5 7.5 0.8/7.5 1400 3 380 18 2 4/18	20 15 0.7 6×37+NF 28a~63c	20 18 0.7
Wirerope Wirerope	inal diameter e diameter ctural style lel (CB/T706- lel (CB/T706- lel (CB/T706- lel (CB/T706- lel (CB/T706- power hate speed hz hodel/KW power power	mm H988) - 1988) m r/min H2 Hz KW kw ir/min		$\begin{array}{c c} 7.4 \\ \hline 7.4 \\ 0.34 \\ \hline 6 \times 37 + \mathrm{NF} \\ 16 - 28 \mathrm{b} \\ 16 - 28 \mathrm{b} \\ \hline 16 - 28 \mathrm{b} \\ \hline 2 \mathrm{D}_1 22 - 4/1.5 \\ \hline 2 \mathrm{DS}_1 0.2/1.5 \\ 1.5 & 0.2/1.5 \\ \hline 1.5 & 0.2/1.5 \\ \hline 1.8 & 0.2/1.5 \\ \hline 3 & 3 \\ \hline 1 & 3 \\ \hline $	11 0.5 6×37+NF 20a~32c 20a~32c 20a~32c 20,31-4/3 ZD,31-4/3 ZD,31-4/3 20,4/3.0 3 0.4/3.0 3 0.4/3.0 3 0.4/3.0 3 3 3 3 3 3 3 3 3 3 2 0,31-4/3 2 0,	13 0.6 6×37+NF 20a~45c 20a~45c 20a~45c 20a~45c 20a~45c 20a~45c 1,32-4/4.5 1,380 1380 33 3380 11 2.4/11 50 20Y,12-4	15 0.7 6×37+NF 28a~63c 28a~63c 2Bi41-47.5 ZDi41-47.5 7.5 0.877.5 1400 380 18 2 4/18	15 0.7 6×37+NF 28a~63c	18 0.7
rerope	e diameter ctural style lel (CB/T706- el (CB/T706- of circular railway hodel/KW power hate speed hz hodel/KW power power	mm m r/min r/min Hz KW kw r/min		$\begin{array}{c c} 0.34 \\ \hline 0.34 \\ \hline 6 \times 37 + \mathrm{NF} \\ \hline 16 \sim 28\mathrm{b} \\ \hline 16 \sim 2.8\mathrm{b} \\ \hline 2 & 1.5 \\ 2 & 2D_1 22 - 4/1.5 \\ \hline 2 & 2D_2 & 0.2/1.5 \\ \hline 1.5 & 0.2/1.5 \\ \hline 1.3 & 0.2/1.5 \\ \hline 1.3 & 0.2/1.5 \\ \hline 3 & 380 \\ \hline 3 & 380 \\ \hline 3 & 380 \\ \hline 13 & 0.72/4.3 \\ \hline 50 \\ \hline 2 & 2DY_1 & 11 - 4 \\ \hline 0.2 \\ \hline 13 & 0.72 \\ \hline 11 & 0.72 \\ \hline 13 & 0.72 \\ \hline $	0.5 6×37+NF 20a~32c 20a~32c 2.5 3 2.5 3 2.5 3 2.5 3 3 0.4/3.0 3 0.4/3.0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2	$\begin{array}{c c} 0.6 \\ 6 \times 37 + NF \\ \hline 20a - 45c \\ \hline 20a - 45c \\ \hline 2.5 & 3 \\ \hline 2.5 & 0.4/4.5 \\ \hline 1.380 \\ \hline 3.80 \\ \hline 3.80 \\ \hline 11 & 2.4/11 \\ \hline 50 \\ \hline 50 \\ \hline \end{array}$	0.7 6×37+NF 28a~63c 5 3 4 1 2Di,41-47.5 2D5,0.877.5 7.5 0.877.5 1400 3 3 380 18 2 4/18	0.7 6×37+NF 28a~63c	0.7
ppe - I - I - I - I - I - I - I - I - I -	ctural style lel (CB/IT706- i of circular railway hodel/KW power phase voltage electricity hz hodel/KW power power	1988) m r/min r/min Hz KW kwin r/min		6×37+NF 16~28b 2D,22-4/1.5 ZDS,0.2/1.5 1.5 0.2/1.5 1.380 3 3 3 3 4.3 0.72/4.3 50 ZDY,11-4 0.2 1380	6×37+NF 20a-32c 20a-32c ZD ₁ 31-4/3 ZD ₁ 31-4/3 ZD ₁ 31-4/3 30.4/3.0 30.4/3.0 30.4/3.0 30.4/3.0 380 7.6 1.25/7.6 50 2DY ₁ 12-4	6×37+NF 20a~45c 20a~45c ZD,32-4/4.5 ZDS,0.4/4.5 1.380 3 380 11 2.4/11 50 50 S0	6×37+NF 28a~63c 5 3 4 5 3 4 2Di,41-4/7.5 2Ds,0.8/7.5 7.5 0.8/7.5 1400 3 380 18<24/18	6×37+NF 28a~63c	
DE Lifting motor	el (GB/T706 of circular railway hodel/KW power phase voltage electricity hz hodel/KW power power	1988) m kW r/min r/min k k k kmin r/min	22 0 0 Z Z	16~28b 2D5,22-4/1.5 ZD5,0.2/1.5 1.5 0.2/1.5 1.5 0.2/1.5 1.380 380 380 4.3 0.72/4.3 50 ZDY,11-4 0.2 1380	20a~32c 25[3] 2.5[3] 2D ₁ 31-4/3 2D ₂ 1-4/3.0 3 0.4/3.0 3 0.4/3.0 1380 3 3 380 7.6 1.25/7.6 50 50 2DY,12-4	20a~45c 2.5 3 ZD,32-4/4.5 ZDS,0.4/4.5 4.5 0.4/4.5 1.380 380 11 2.4/11 50 50	28a~63c 53344 2D5,41-47.5 2D5,0.877.5 7.5 0.877.5 1400 3 380 18 2 4/18	28a~63c	18×19+NF
Lifting motor	of circular railway Aodel/KW power tate speed phase voltage electricity hz Aodel/KW power power	m kW r/min Hz Hz kW kwin r/min	2 Z Z	2 3 ZDS,022-4/1.5 ZDS,0.2/1.5 1.5 0.2/1.5 1.380 380	ZDS,0.4/3.0 ZDS,0.4/3.0 3 0.4/3.0 1380 380 380 7.6 1.25/7.6 50 ZDY,12-4	ZD ₁ 32-4/4.5 ZD ₅ 0-4/4.5 4.5 0.4/4.5 1.380 3 380 380 11 2.4/11 50 50 ZDY,12-4	5 3 4 1 ZD5,0.1-4/7.5 ZD5,0.8/7.5 7.5 0.8/7.5 7.5 0.8/7.5 1400 3 3 3 3 3 3 18 7.4/18 1 2.4/18 1		36a~63c
	lodel/KW power tate speed phase voltage electricity hz hodel/KW power power	kW r/min Hz kW r/min	2 Z Z	ZD ₁ 22-4/1.5 ZDS ₁ 0.2/1.5 1.5 0.2/1.5 1.380 380 4.3 0.72/4.3 50 ZDY ₁ 11-4 0.2	ZD ₃ 31-4/3 ZDS ₁ 0.4/3.0 3 0.4/3.0 1380 380 7.6 1.25/7.6 50 ZDY ₁ 12-4	ZD ₁ 32-4/4.5 ZDS ₁ 0.4/4.5 4.5 0.4/4.5 1380 3 380 11 2.4/11 50 50 ZDY,12-4	ZD ₁ 41-4/7.5 ZDS ₁ 0.8/7.5 7.5 0.8/7.5 1400 3 380 18 2.4/18	2.5 3.5 4 6 7.5 9	3.5 4 6 7.5 9
	power tate speed phase voltage electricity hz Model/KW power tate speed	kW r/min V Hz kW kw r/min	2 0 0	ZDS ₁ 0.2/1.5 1.5 0.2/1.5 1.5 0.2/1.5 1.380 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	ZDS ₁ 0.4/3.0 3 0.4/3.0 1380 3 3 380 7.6 1.25/7.6 50 ZDY,12-4	ZDS ₁ 0.44.5 4.5 0.4/4.5 1380 3 3 380 11 2.4/11 50 ZDY,12-4	ZDS,0.8/7.5 7.5 0.8/7.5 1400 3 380 18 2 4/18	ZD ₁ 51-4/13	ZD ₁ 51-4/13
	power tate speed phase voltage electricity hz Aodel/KW power tate speed	kW r/min V Hz kW r/min	0 0	1.5 0.2/1.5 1.380 380 4.3 0.72/4.3 50 ZDY ₁ 11-4 0.2 0.2	3 0.4/3.0 1380 3 380 380 7.6 1.25/7.6 50 ZDY,12-4	4.5 0.444.5 1380 3 380 11 2.4/11 50 ZDY,12-4	7.5 0.8/7.5 1400 3 380 18 2 4/18	ZDS ₁ 1.5/13	ZDS ₁ 1.5/13
	tate speed phase voltage hz Aodel/KW power tate speed	r/min V Hz kW r/min	10	1380 3 380 4.3 0.72/4.3 50 ZDY ₁ 11-4 0.2 0.2	1380 3 380 7.6 1.25/7.6 50 ZDY,12-4	1380 3 380 380 11 2.4/11 50 ZDY,12-4		13 1.5/13	13 1.5/13
	phase voltage electricity hz Aodel/KW power ttate speed	V A Hz kW r/min	6	3 380 4.3 0.72/4.3 50 ZDY ₁ 11-4 0.2 0.2	3 380 7.6 1.25/7.6 50 ZDY,12-4	3 380 11 2.4/11 50 ZDY,12-4		1400	1400
	voltage electricity hz Aodel/KW power tate speed	V A Hz kW r/min	5	380 4.3 0.72/4.3 50 ZDY,11-4 0.2 1380	380 7.6 1.25/7.6 50 ZDY,12-4	380 11 2.4/11 50 ZDY,12-4		3	3
	electricity hz Aodel/KW power tate speed	A Hz kW r/min	5	4.3 0.72/4.3 50 ZDY ₁ 11-4 0.2 1380	7.6 1.25/7.6 50 ZDY,12-4	11 2.4/11 50 ZDY,12-4		380	380
	hz Aodel/KW power tate speed	Hz kW r/min		50 ZDY ₁ 11-4 0.2 1380	50 ZDY,12-4	50 ZDY,12-4		33 1.5/13	33
	Aodel/KW power tate speed	kW r/min		ZDY,11-4 0.2	ZDY,12-4	ZDY,12-4	50	50	50
	power tate speed	kW r/min		0.2			ZDY ₁ 21-4	ZDY ₁ 21-4	ZDY ₁ 21-4
Tr	tate speed	r/min		1380	0.4	0.4	0.8	0.8×2	0.8×2
		;		1000	1380	1380	1380	1380	1380
ling	phase	;	3	3	3	3	3	3	3
mot	voltage	>	380	380	380	380	380	380	380
	electricity	Y	0.72	0.72	1.25	1.25	2.4	2.4×2	2.4×2
	hz	Hz	50	50	50	50	50	50	50
number	number of switching	unit/h	120	120	120	120	120	120	120
work	working class		M3	M3	M3	M3	M3	M3	M3
	H		~560 ~660	~685 ~780	~860 ~960	~954 ~1057	~1212 ~1272	~1320	~1900
	I.2		126	159	187	230	274	303	303
	I,		228/225	269/266	279	341/343	380/377	429/465	429/465
hacir ciza	-		628 714 772 916 7 625 711 769 913	772 867 965 1161 1357 1553 769 864 962 1158 1354 1550	818 918 1018 1218 1418 1618 9	963 10661164 1375 1581 1787 965 1068 1166 1377 1583 1789	1082 1209 1298 1489 1699 1909 1079 1206 1295 1486 1696 1906	963 10661164 1.3751.581 1787 1082 1.2091298 1489 1699 19091633 18141995 23572719 3081 1814 965 10661166 1.3771 1583 1789 1079 120612951 1486 1696 119062024 2205 2386 2748 3110 3472 2147	1814 1995 2357 2719 3081 2 2147 2328 2690 3052 3411
TOC +	E	mm	318 390 462 601	401 499 597 793 989	512 612 812 1012 1212	457 561 658 869 10751281	488 615 704 895 1105 1315	5 967 1148 1329 1691 2053 2415	9 1148 1329 1691 2053 2415
0/ 7 T	u		190	196	240	264	320	376	376
	h		120	124	155	173	203	243	243
	÷		14.5	19	23	25	31	17	38~1058
	в		~884	~884	~930	~930	~1058	~1058	~1068
	Е		490	584	749	876	1017	1068	1614
	٤.		355/508	368/508	368/529	420/668	486/690	612	612
	CD		125 130 145 150	156 167 190 213 232 250 238	257 285 320 352 377	343 359 373 439 481 516	481 507 597 647 692 737	958 1050 1100 1210 1302 1412	2 1083 1183 1286 1465 1565
weight	MD	-		170	283 307 346 379 403	382 398 413 478 521 555	518 544 655 705 743 785	1048 1105 1153 1256 1370 1471	1 1152 1275 1377 1553 1655
$\pm 5\%$	CD stationary type	an M	90 95	118 128 135 152 169 186 1	186 168 185 199 209 237 259 2	272 287 302 325 365 397	379 404 420 453 510 550	712 795 841 943 1036 1132	2 812 905 1007 1185 1283
	MD stationary type		100 105 110 115	132 142 149 166 183 200	221 225 224 245 262 285 3	310 325 340 363 403 436	435 460 475 515 547 588	802 849 897 990 1100 1185	5 881 998 1095 1276 1375

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