



ELECTRIC WIRE ROPE HOIST

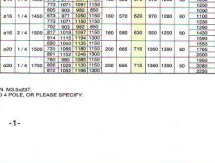
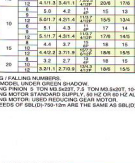


CHENG DAY MACHINERY WORKS CO., LTD.

"BLACK BEAR" WIRE ROPE HOIST'S FEATURES

- BRAND NEW DESIGN OF AC ELECTROMAGNETIC MOTOR DISC BRAKING SYSTEM. IT FEATURES SAME SECOND ACTION OF MAGNETIC PRODUCING & DEMAGNETIZE WHEN MOTOR POWER ON & OFF. WITHOUT RECTIFIER, ALWAYS TROUBLE FREE.
- HIGH EFFICIENCY SCOURREL CAGE INDUCTION MOTOR OF 40%/4000R FOR DUAL SPEED. RATING SUITABLE FOR MOST APPLICATIONS. IT FEATURES, QUIET, IMPACT LIGHT WEIGHT.
- HOT FORGED HOOK WITH THRUST BEARING ENABLE 360° REVOLVING.
- BOTH PARALLEL AND PLANETARY REDUCING GEAR SYSTEM ARE MADE OF ALLOY STEEL WITH SURFACE HARDENING FOR LONG LASTING SERVICE LIFE SPAN.
- WIRE ROPE IS USING 6x37 SPECIFICATIONS CONFORM TO JIS NO.8 STANDARD BEST SUITABLE FOR WIRE ROPE HOISTS APPLICATION. IT FEATURES FLEXIBLE AND LONG LIFE SERVICE SPAN.
- LARGER DIAMETER OF REEVING WHEEL STRENGTHEN THE SERVICE LIFE SPAN OF WIRE ROPE.

SB-SC-SE SERIES



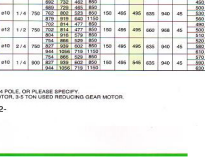
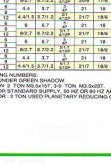
SPECIFICATIONS & DIMENSIONS:

MODEL	S.W.L (ton)	L.R (m)	Hoisting Speed (mm/min)	Motor Speed (mm/min)	Transversing Speed (mm/min)	Motor Speed (mm/min)	Wire Rope	H	A	B	Approximate Dimension (mm)	Approximate Weight (kg)
SBH-500	5	8	7.3	6.1	2.2	21	18	5/16	1050	800	800	800
SBHD-500	5	12	7.3	6.1	2.2	21	18	5/16	1050	800	800	800
SBL-750	7.5	8	4.1	3.4	2.2	20	17	5/16	1050	800	800	800
SBLD-750	7.5	12	4.1	3.4	2.2	20	17	5/16	1050	800	800	800
SBL-1000	10	8	5.0	4.2	2.2	15	13	5/16	1050	800	800	800
SBLD-1000	10	12	5.0	4.2	2.2	15	13	5/16	1050	800	800	800
SCH-1000	10	8	5.1	4.3	2.2	17	14	5/16	1050	800	800	800
SCHD-1000	10	12	5.1	4.3	2.2	17	14	5/16	1050	800	800	800
SEL-1500	15	8	4.4	3.7	2.2	18	15	5/16	1050	800	800	800
SEL-1500	15	12	4.4	3.7	2.2	18	15	5/16	1050	800	800	800
SCL-2000	20	8	3.2	2.7	2.2	18	15	5/16	1050	800	800	800
SCLD-2000	20	12	3.2	2.7	2.2	18	15	5/16	1050	800	800	800

1. R / F-REEVING / FALLING NUMBERS.
2. DUAL SPEED MODEL UNDER GREEN SHADOW.
3. TRANSVERSING PINION 5 TON M3.5x10T, 7.5 TON M3.5x12T, 10-20 TON M3.5x12T.
4. TRANSVERSING MOTOR STANDARD SUPPLY, 50 HZ OR 60 HZ ALL USED 4 POLE, OR PLEASE SPECIFY.
5. TRANSVERSING MOTOR: 2 TON USED PLANETARY REDUCING GEAR MOTOR, 3-5 TON USED REDUCING GEAR MOTOR.
6. HOISTING SPEEDS OF SBLD-750-1000 ARE THE SAME AS SBLD-750-1000.

-1-

TP-TK-TG SERIES

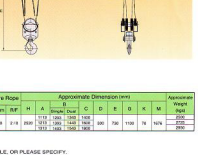
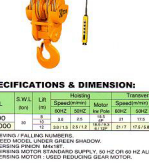


SPECIFICATIONS & DIMENSION:

MODEL	S.W.L (ton)	L.R (m)	Hoisting Speed (mm/min)	Motor Speed (mm/min)	Transversing Speed (mm/min)	Motor Speed (mm/min)	Wire Rope	H	A	B	Approximate Dimension (mm)	Approximate Weight (kg)
TPM-100	1	8	10.0	8.0	2.2	20	17	5/16	1150	800	800	800
TKM-200	2	8	8.0	6.0	2.2	20	17	5/16	1150	800	800	800
TKMD-200	2	12	8.0	6.0	2.2	20	17	5/16	1150	800	800	800
TKL-300	3	8	6.0	4.0	2.2	20	17	5/16	1150	800	800	800
TKLD-300	3	12	6.0	4.0	2.2	20	17	5/16	1150	800	800	800
TGM-300	3	8	6.0	4.0	2.2	20	17	5/16	1150	800	800	800
TGMD-300	3	12	6.0	4.0	2.2	20	17	5/16	1150	800	800	800
TGH-300	3	8	6.0	4.0	2.2	20	17	5/16	1150	800	800	800
TGHD-300	3	12	6.0	4.0	2.2	20	17	5/16	1150	800	800	800
TGL-500	5	8	4.4	3.7	2.2	18	15	5/16	1150	800	800	800
TGLD-500	5	12	4.4	3.7	2.2	18	15	5/16	1150	800	800	800

1. R / F-REEVING / FALLING NUMBERS.
2. DUAL SPEED MODEL UNDER GREEN SHADOW.
3. TRANSVERSING PINION 2 TON M3.5x10T, 3-5 TON M3.5x12T.
4. TRANSVERSING MOTOR STANDARD SUPPLY, 50 HZ OR 60 HZ ALL USED 4 POLE, OR PLEASE SPECIFY.
5. TRANSVERSING MOTOR: 2 TON USED PLANETARY REDUCING GEAR MOTOR, 3-5 TON USED REDUCING GEAR MOTOR.

SK-SG SERIES



SPECIFICATIONS & DIMENSION:

MODEL	S.W.L (ton)	L.R (m)	Hoisting Speed (mm/min)	Motor Speed (mm/min)	Transversing Speed (mm/min)	Motor Speed (mm/min)	Wire Rope	H	A	B	Approximate Dimension (mm)	Approximate Weight (kg)
SKM-200	2	8	8.0	6.0	2.2	20	17	5/16	800	800	800	800
SKMD-200	2	12	8.0	6.0	2.2	20	17	5/16	800	800	800	800
SKL-300	3	8	6.0	4.0	2.2	20	17	5/16	750	800	800	800
SKLD-300	3	12	6.0	4.0	2.2	20	17	5/16	750	800	800	800
SGM-300	3	8	6.0	4.0	2.2	20	17	5/16	750	800	800	800
SGMD-300	3	12	6.0	4.0	2.2	20	17	5/16	750	800	800	800
SGH-300	3	8	6.0	4.0	2.2	20	17	5/16	750	800	800	800
SGHD-300	3	12	6.0	4.0	2.2	20	17	5/16	750	800	800	800
SGL-500	5	8	4.4	3.7	2.2	18	15	5/16	800	800	800	800
SGLD-500	5	12	4.4	3.7	2.2	18	15	5/16	800	800	800	800

1. R / F-REEVING / FALLING NUMBERS.
2. DUAL SPEED MODEL UNDER GREEN SHADOW.
3. TRANSVERSING PINION 2 TON M3.5x10T, 3-5 TON M3.5x12T.
4. TRANSVERSING MOTOR STANDARD SUPPLY, 50 HZ OR 60 HZ ALL USED 4 POLE, OR PLEASE SPECIFY.
5. TRANSVERSING MOTOR: 2 TON USED PLANETARY REDUCING GEAR MOTOR, 3-5 TON USED REDUCING GEAR MOTOR.

-2-

TB SERIES

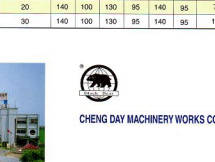


SPECIFICATIONS & DIMENSION:

MODEL	S.W.L (ton)	L.R (m)	Hoisting Speed (mm/min)	Motor Speed (mm/min)	Transversing Speed (mm/min)	Motor Speed (mm/min)	Wire Rope	H	A	B	Approximate Dimension (mm)	Approximate Weight (kg)
TBH-500	5	8	7.3	6.1	2.2	21	18	5/16	1050	800	800	800
TBHD-500	5	12	7.3	6.1	2.2	21	18	5/16	1050	800	800	800
TBL-750	7.5	8	4.1	3.4	2.2	20	17	5/16	1050	800	800	800
TBLD-750	7.5	12	4.1	3.4	2.2	20	17	5/16	1050	800	800	800
TBL-1000	10	8	5.0	4.2	2.2	15	13	5/16	1050	800	800	800
TBLD-1000	10	12	5.0	4.2	2.2	15	13	5/16	1050	800	800	800

1. R / F-REEVING / FALLING NUMBERS.
2. DUAL SPEED MODEL UNDER GREEN SHADOW.
3. TRANSVERSING PINION 5 TON M3.5x10T, 7.5 TON M3.5x12T, 10 TON M3.5x12T.
4. TRANSVERSING MOTOR STANDARD SUPPLY, 50 HZ OR 60 HZ ALL USED 4 POLE, OR PLEASE SPECIFY.
5. TRANSVERSING MOTOR: 5 TON USED PLANETARY REDUCING GEAR MOTOR, 7-10 TON USED REDUCING GEAR MOTOR.

SF SERIES



SPECIFICATIONS & DIMENSION:

MODEL	S.W.L (ton)	L.R (m)	Hoisting Speed (mm/min)	Motor Speed (mm/min)	Transversing Speed (mm/min)	Motor Speed (mm/min)	Wire Rope	H	A	B	Approximate Dimension (mm)	Approximate Weight (kg)
SFJ-3000	30	8	2.5	2.1	2.2	21	18	5/16	1150	1000	1000	1000
SFJD-3000	30	12	2.5	2.1	2.2	21	18	5/16	1150	1000	1000	1000

1. R / F-REEVING / FALLING NUMBERS.
2. DUAL SPEED MODEL UNDER GREEN SHADOW.
3. TRANSVERSING PINION 30 TON M3.5x10T, 3-5 TON M3.5x12T.
4. TRANSVERSING MOTOR STANDARD SUPPLY, 50 HZ OR 60 HZ ALL USED 4 POLE, OR PLEASE SPECIFY.
5. TRANSVERSING MOTOR: 30 TON USED PLANETARY REDUCING GEAR MOTOR, 3-5 TON USED REDUCING GEAR MOTOR.

-3-

PRODUCT CODE

T	B	H	D	500
MODEL	GEAR BOX NO.	REEVING/FALLING	DUAL ONLY SPEED ONLY	S.W.L
T: MONORAIL TROLLEY	P: 2.2kw x 4P	N: 1/1 H: 2/4	D: ONLY HOIST DUAL SPEED	100: 1 TON
S: SADDLE TROLLEY	K: 3kw x 4P	M: 1/2 I: 2/6	D1: ONLY TROLLEY DUAL SPEED	200: 2 TON
	G: 5kw x 4P	L: 1/4 J: 2/8	D2: BOTH HOIST & TROLLEY DUAL SPEED	300: 3 TON
	B: 7.5-11kw x 4P	P: 1/8 K: 2/10		500: 5 TON
	C: 11-13kw x 4P			750: 7.5 TON
	E: 15kw x 6P			1000: 10 TON
				1500: 15 TON
				2000: 20 TON
				3000: 30 TON

PRODUCT GUIDE

CAPACITY (TON)	MONORAIL HIGH SPEED	CRAB HIGH SPEED	MONORAIL LOW SPEED	CRAB LOW SPEED	DUAL SPEED
1	TPM-100				TPM-100
2	TKM-200	SKM-200			TKMD-200 SKMD-200
3	TGM-300	SGM-300	TKL-300	SKL-300	TGMD-300 SGMD-300 TKLD-300 SKLD-300
5	TGH-500	SGH-500	TBL-750	SBL-750	TGHD-500 SGHD-500 TGLD-500 SKLD-500
7.5	TBH-500	SBH-500	TBL-1000	SBL-1000	TBHD-500 SBHD-500 TGLD-500 SKLD-500
10		SCH-1000	TBL-1000	SBL-1000	SCHD-1000 TBLD-1000
15					SEL-1500
20					SCL-2000
30					SFJ-3000 SFJD-3000

POWER SUPPLY:

- The "Black Bear" electric wire rope hoist suits majority of the 3-phase power in different countries, available in 50Hz or 60Hz, voltage from 220V up to 600V.
- Dual-volt hoist subject to our confirmation.

LIFTING HEIGHT:

- Standard lifting height: Please refer to specifications.
- Optional height available upon request.

PUSH BUTTON SWITCH:

- 2-point type: up and down.
- 4-point type: up, down; left and right (trolley).
- 6-point type: up, down; left right; forward and reverse (END CARRIER).

WIRE ROPE

Rope Dia (mm)	Model Being Used	Construction	Specified Breaking Load (Kg)
e8	TPM-100 TKM-200 SKM-200 TKL-300 TGM-300 SGH-300 TGL-500 SGL-500 SBH-500 TGH-300 SGM-300 TBL-750 SBL-750 TBL-1000 SBL-1000 SCH-1000	Steel Wire Rope 6 x 37-A	3470
e10	TKM-200 SKM-200 TKL-300 TGM-300 SGH-300 TGL-500 SGL-500 SBH-500 TGH-300 SGM-300 TBL-750 SBL-750 TBL-1000 SBL-1000 SCH-1000	Steel Wire Rope 6 x 37-A	5420
e12	TGM-300 SGM-300 TBL-750 SBL-750 TBL-1000 SBL-1000 SCH-1000	Steel Wire Rope 6 x 37-A	6900
e14	TBL-750 SBL-750 TBL-1000 SBL-1000 SCH-1000	Steel Wire Rope 6 x 37-A	9940
e16	TBL-1000 SBL-1000 SCH-1000	Steel Wire Rope 6 x 37-A	10600
e18	SFJ-3000	Steel Wire Rope 6 x 37-A	13900
e20	SEL-1500 SCL-2000	Steel Wire Rope 6 x 37-A	22400
e22	SCL-2000	Steel Wire Rope 6 x 37-A	27600

HOOK

Capacity (ton)	a	b	c	d	e	f	g	Allowable (Kg/cm²)
1	39	27	39	27	39	27	7000	
2	54	36	47	36	54	41	7000	
3	57	38	52	38	60	45	7000	
5	75	48	68	48	75	56	7000	
7.5	85	60	77	60	85	62	7000	
10	100	65	95	65	100	65	7000	
15	120	87	110	85	120	82	7000	
20	140	100	130	95	140	95	7000	
30	140	100	130	95	140	95	10000	

CHENG DAY MACHINERY WORKS CO., LTD.

- Revision of November, 2004 (Edition No. 6)
- Due to the printing factors, the color of the products is subject to minor deviation from the physical objects.