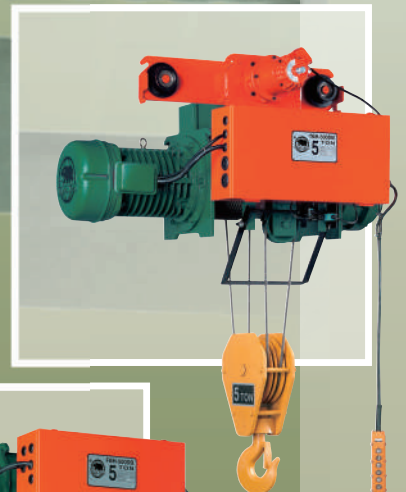




ELECTRIC WIRE ROPE HOIST



DC Brake

New design of DC brake electromagnetic motor disc system works precisely and synchronously with motors, and with a rectifier for trouble free.



DC BRAKE

1. Take on Germany supplier, Lenze.
2. Durable wear-resisting.
3. Rapid reaction with low noise.
4. Installation convenient as an integral design.

MOTOR

Highly efficiently squirrel cage motors of 40%ED rate (40/20% for dual speed) are quiet, small volume, light weight and suitable for most applications.



(Optional function)
A 60%ED rate motor with cooling fan is available for heavy duty condition.

Control box

IP-20 control box is applied; Higher IP degree is available upon request.

Gear box

Hoist reduction gear system are made of alloy steel with surface harden treatment for long lasting life span.

Wire rope

According to JIS no.6 standard for wire rope applications, we use 6x37-A and IWRC 6x2Fi (29)-B wire rope which features flexible and long life span.

Sheave

The proper diameter of sheave ensures the operation and life span of wire rope.

Hook

Hot forged hooks with thrust bearing are enable to be swiveled 360°

PRODUCT CODE

T

Model

T : MONORAIL TROLLEY
S : SADDLE TROLLEY
F : FOOTMOUNT

B

Gear box

P : 2.2kw x 4P
K : 3kw x 4P
G : 5kw x 4P
B : 7.5~11kw x 4P
CA : 11~13kw x 4P
EA : 13kw x 4P
FA : 18.5kw x 4P

H

Reeving/Falling

N:1/1 H:2/4
M:1/2 I:2/6
L:1/4 J:2/8
P:1/6 K:2/10

D

-

Blank:single speed
D : Only hoist dual speed
D1 : Only trolley dual speed
D2 : Both hoist & trolley dual speed

500

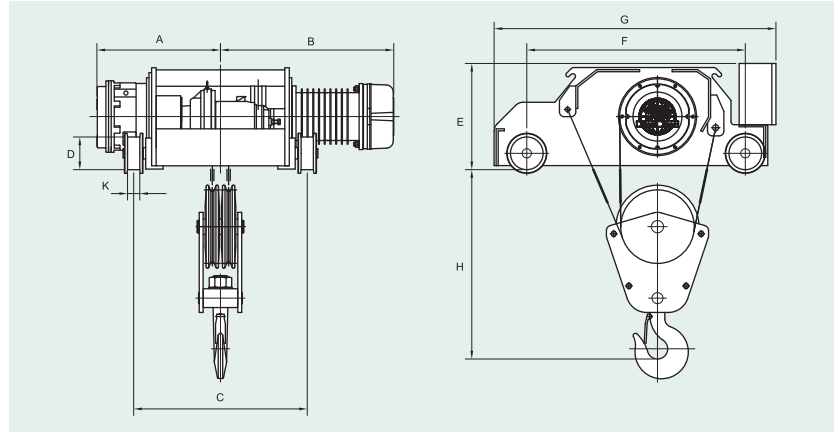
S.W.L.

100 : 1ton
200 : 2ton
300 : 3ton
500 : 5ton
750 : 7.5ton
1000 : 10ton
1500 : 15ton
2000 : 20ton
3000 : 30ton

DB

DC BRAKE

SB.SC.SE SERIES



SPECIFICATIONS & DIMENSIONS :

Model	Capacity (ton)	Lift (m)	Hoisting				Traversing				Wire Rope		Approximate Dimension (mm)										Approximate Weight (kg)			
			Speed(m/min)		Motor kw pole	ED %		Speed(m/min)		Motor kw pole			ED %		H	A	B		C	D	E			F	G	K
			60Hz	50Hz		Single	Dual	60Hz	50Hz		Single	Dual	Single	Dual			Single	Dual			Single	Dual				
SBH-500DB	5	6	7.3	6.1	7.5 4P	40	40/20	21	18	0.75 4P	40	40/20	§ 10	2/4	750	553	722	875	850	150	545	545	690	988	45	680
SBHD-500DB		9	7.3/2.4	6.1/2.0	7.5/2.5 4/12P			21/7	18/6	0.75/0.25 4/12P						603	772	925	850							
SBH-750DB		12	7.3	6.1	1.1 4P			20	17	1.1 4P						608	867	929	850							
SBH-750DB	7.5	6	7.3	6.1	1.1 4P	40	40/20	20	17	1.1 4P	40	40/20	§ 14	2/4	1200	608	867	929	850	160	550	550	790	1095	60	880
SBHD-750DB		9	7.3/2.4	6.1/2.0	1.1/3.7 4/12P			20/6	17/6	1.1/0.37 4/12P						743	1002	1064	1150							
SBL-1000DB		12	7.3/2.4	6.1/2.0	1.1 4P			15	13	1.1 4P						833	1092	1154	1300							
SBLD-1000DB	10	6	5.0	4.2	1.1 4P	40	40/20	15	13	1.1 4P	40	40/20	§ 16	1/4	1300	605	849	911	850	160	570	570	970	1280	60	1070
SBLD-1000DB		9	5.0/1.7	4.2/1.4	1.1/3.7 4/12P			15/5	13/4	1.1/0.37 4/12P						673	917	979	1150							
SCAH-1000DB		12	5.0/1.7	4.2/1.4	1.1 4P			17	14	1.1 4P						773	1017	1079	1150							
SCAHD-1000DB	10	6	5.1	4.3	1.1 4P	40	40/20	17	14	1.1 4P	40	40/20	§ 16	2/4	1500	702	849	911	850	180	580	580	920	1250	60	1290
SCAHD-1000DB		9	5.1/1.7	4.3/1.4	1.1/3.7 4/12P			17/6	14/5	1.1/0.37 4/12P						817	964	1026	1150							
SEAL-1500DB		12	5.1/1.7	4.3/1.4	1.1/3.7 4/12P			17/6	14/5	1.1/0.37 4/12P						914	1061	1123	1300							
SEALD-1500DB	15	8	4.4	3.7	1.5 4P	40	40/20	18	15	1.5 4P	40	40/20	§ 20	1/4	1550	690	969	969	1150	200	715	715	1160	1500	60	1550
SEALD-1500DB		10	4.4/1.5	3.7/1.2	1.3/4.3 4/12P			18/6	15/5	1.5/0.5 4/12P						735	1014	1014	1150							
SCAL-2000DB		12	4.4/1.5	3.7/1.2	1.3/4.3 4/12P			18/6	15/5	1.5/0.5 4/12P						801	1080	1080	1300							
SCALD-2000DB	20	8	3.2	2.7	1.3 4P	40	40/20	18	15	1.5 4P	40	40/20	§ 20	1/4	1700	760	969	969	1150	200	715	715	1160	1500	60	1950
SCALD-2000DB		10	3.2/1.1	2.7/0.9	1.3/4.3 4/12P			18/6	15/5	1.5/0.5 4/12P						806	1014	1014	1150							
		12	3.2/1.1	2.7/0.9	1.3/4.3 4/12P			18/6	15/5	1.5/0.5 4/12P						872	1080	1080	1300							

1.R/F=Reeving/falling numbers.

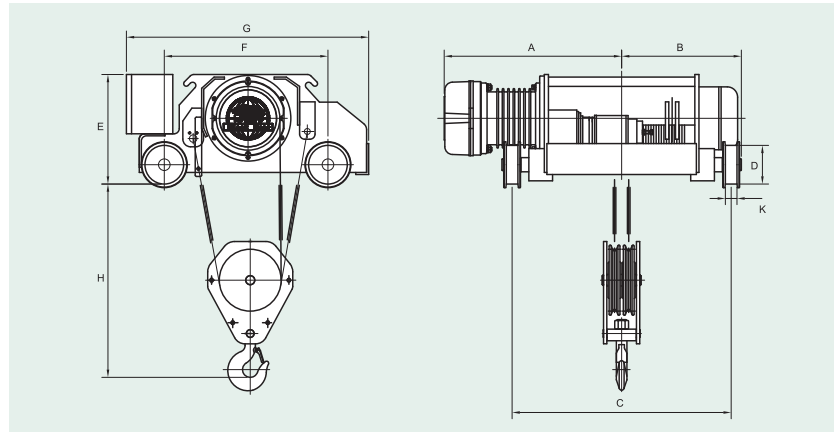
2.Dual speed model under green shadow.

4.Traversing motor standard supply, 50 Hz or 60Hz all used 4 pole, or please specify.

3.Traversing pinion 5 ton M3.5x23t, 7.5 ton M3.5x20t, 10-20 ton M3.5x23t.

5.Traversing motor: used reducing gear motor.

SK.SG SERIES



SPECIFICATIONS & DIMENSIONS :

Model	Capacity (ton)	Lift (m)	Hoisting				Traversing				Wire Rope		Approximate Dimension (mm)											Approximate Weight (kg)		
			Speed(m/min)		Motor kw pole	ED %		Speed(m/min)		Motor kw pole			ED %		H	A		B	C	D	E		F		G	K
			60Hz	50Hz		Single	Dual	60Hz	50Hz		Single	Dual	Single	Dual		Single	Dual				Single	Dual				
SKM-200DB	2	6	8	6.7	3 4P	40	40/20	20	17	0.25 4P	40	40/20	§ 10	1/2	600	679	679	401	600	120	390	460	615	923	40	420
SKMD-200DB		9	8/2.7	6.7/2.2	3/1 4/12P			20/6	17/6	0.25/0.08 4/12P						679	679	401	600							440
SKH-200DB	2	6	8	6.7	3 4P	40	40/20	20	17	0.25 4P	40	40/20	§ 8	2/4	600	701	701	462	850	120	390	460	615	923	40	450
SKHD-200DB		9	8/2.7	6.7/2.2	3/1 4/12P			20/6	17/6	0.25/0.08 4/12P						788	788	509	850							490
SKL-300DB	3	6	4.4	3.7	3 4P	40	40/20	21	18	0.4 4P	40	40/20	§ 10	1/4	650	729	729	465	850	150	425	495	725	1030	45	500
SKLD-300DB		9	4.4/1.5	3.7/1.2	3/1 4/12P			21/7	18/6	0.4/0.13 4/12P						801	801	523	850							530
SGM-300DB	3	6	8	6.7	5 4P	40	40/20	21	18	0.4 4P	40	40/20	§ 12	1/2	750	918	918	640	1150	150	495	495	660	968	45	560
SGMD-300DB		9	8/2.7	6.7/2.2	5/1.7 4/12P			21/7	18/6	0.4/0.13 4/12P						677	760	477	850							490
SGH-300DB	3	6	8	6.7	5 4P	40	40/20	21	18	0.4 4P	40	40/20	§ 10	2/4	750	677	760	477	850	150	495	495	635	940	45	500
SGHD-300DB		9	8/2.7	6.7/2.2	5/1.7 4/12P			21/7	18/6	0.4/0.13 4/12P						779	862	579	850							510
SGL-500DB	5	6	4.4	3.7	5 4P	40	40/20	21	18	0.75 4P	40	40/20	§ 10	1/4	700	729	812	529	850	150	495	545	725	1030	45	570
SGLD-500DB		9	4.4/1.5	3.7/1.2	5/1.7 4/12P			21/7	18/6	0.75/0.25 4/12P						802	885	602	850							590
		12														919	1002	719	1150							630

1.R/F=Reeving/falling numbers.

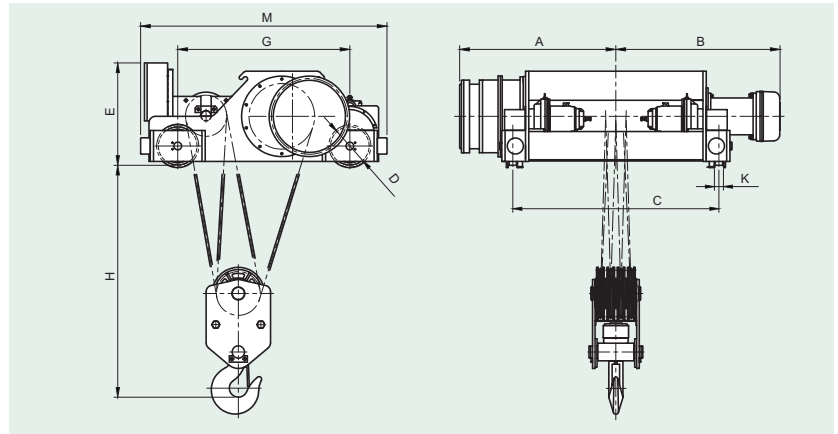
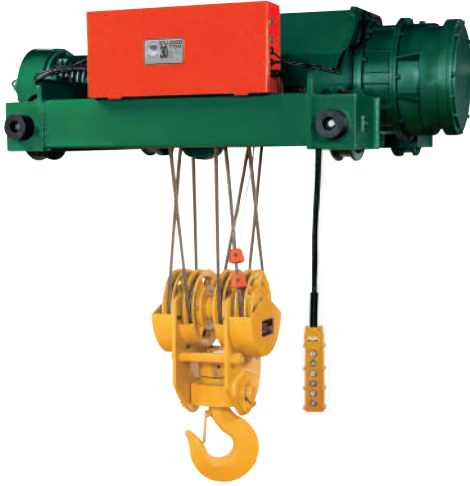
2.Dual speed model under green shadow.

4.Traversing motor standard supply, 50 Hz or 60Hz all used 4 pole, or please specify.

3.Traversing pinion 2 ton M3.5x15t, 3-5 ton, M3.5x23t.

5.Traversing motor: 2 ton used planetary reducing gear motor, 3-5 ton used reducing gear motor.

SF SERIES



SPECIFICATIONS & DIMENSIONS :

Model	Capacity (ton)	Lift (m)	Hoisting				Traversing				Wire Rope		Approximate Dimension (mm)										Approximate Weight (kg)		
			Speed(m/min)		Motor kw pole	ED %		Speed(m/min)		Motor kw pole			ED %		H	A	B		C	D	E	G		K	M
			60Hz	50Hz		Single	Dual	60Hz	50Hz		Single	Dual	Single	Dual			Single	Dual							
SFAH-1500DB	15	8	6.1	5.1	18.5 4P	40	40/20	18	15	1.5 4P	40	40/20	ø 18	2/4	1600	1007	1069	1187	1150	200	725	1150	60	1475	2115
SFAHD-1500DB		10	6.1/2.0	5.1/1.7	18.5/6.2 4/12P			1053	1115	1233						1400	2351								
		12						1093	1155	1273						1400	2528								
SFAJ-3000DB	30	8	3.0	2.5	18.5 4P	40	40/20	21	17.5	1.5 X 2 4P	40	40/20	ø 18	2/8	1800	1113	1175	1293	1400	300	795	1336	70	1912	2500
		10						1213	1275	1393						1600	2725								
SFAJD-3000DB		12	3.0/1.0	2.5/0.8	18.5/6.2 4/12P			1313	1375	1493						1800	2950								

1.R/F=Reeving/falling numbers.

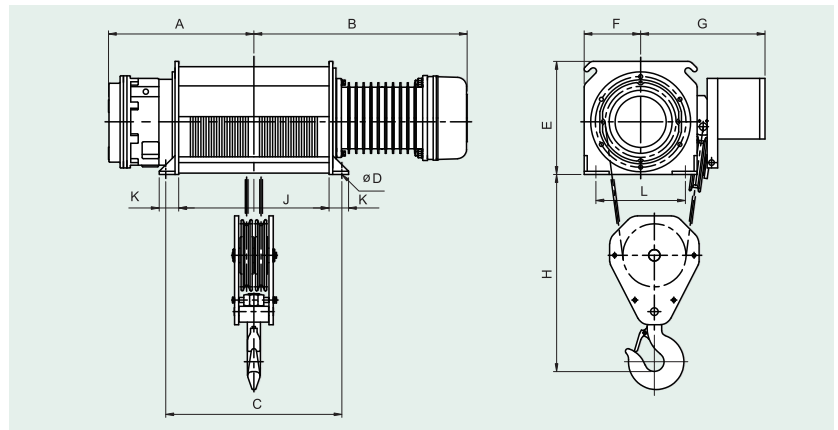
2.Dual speed model under green shadow.

3.Traversing pinion M4x18t.

4.Traversing motor standard supply, 50 Hz or 60Hz all used 4 pole, or please specify.

5.Traversing motor: used reducing gear motor.

FP.FK.FG.FB SERIES

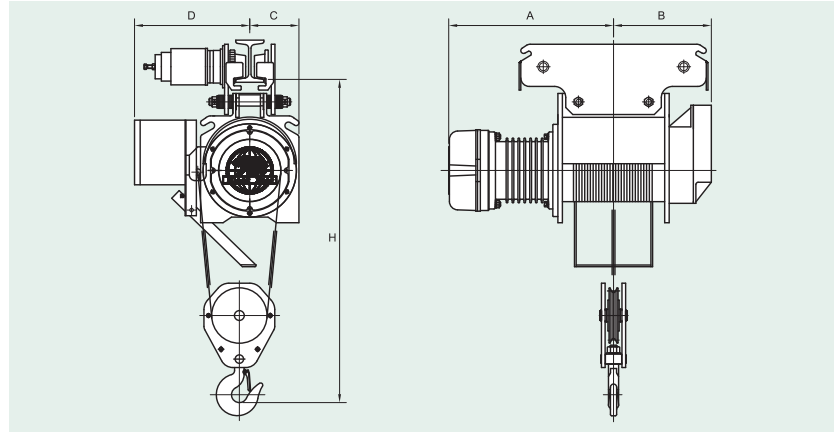


SPECIFICATIONS & DIMENSIONS :

Model	Capacity (ton)	Lift (m)	Hoisting				Wire Rope		Approximate Dimension (mm)											Approximate Weight (kg)
			Speed (m/min)		Motor kw pole	ED %			H	A	B	C	D	E	F	G	J	K	L	
			60Hz	50Hz			φ mm	R/F												
FPM-100DB	1	6	10.8	9	2.2 4P	40	φ 8	1/2	650	314	540	467	φ 16	310	150	450	373	72	280	205
		9								364	590	567					473			215
		12								414	640	667					573			225
		15								464	690	767					673			235
FKM-200DB	2	6	8	6.7	3 4P	40	φ 10	1/2	1150	348	627	466	φ 16	390	232	420	372	72	260	319
		9								401	679	571					477			339
		12								453	732	676					582			359
		15								506	785	781					687			379
FKH-200DB	2	6	8	6.7	3 4P	40	φ 8	2/4	1150	422	701	614	φ 16	390	232	433	520	72	260	359
		9								509	788	788					694			399
		12								596	874	961					867			439
		15								682	961	1134					1040			479
FGM-300DB	3	6	8	6.7	5 4P	40	φ 12	1/2	1250	435	635	482	φ 16	430	185	430	384	74	280	330
		9								477	676	565					464			350
		12								579	862	770					672			370
		15								634	917	880					782			390
FKL-300DB	3	6	4.4	3.7	3 4P	40	φ 10	1/4	1100	450	729	670	φ 16	360	275	443	572	74	310	350
		9								523	801	815					717			390
		12								640	918	1049					951			430
		15								733	1012	1235					1137			470
FGH-300DB	3	6	8	6.7	5 4P	40	φ 10	2/4	1250	529	729	670	φ 16	430	185	443	572	74	280	330
		9								602	802	815					717			365
		12								719	919	1049					951			395
		15								814	1014	1235					1141			425
FGL-500DB	5	6	4.4	3.7	5 4P	40	φ 10	1/4	1100	529	729	670	φ 16	430	285	453	572	74	330	413
		9								602	802	815					717			433
		12								719	919	1049					951			453
		15								805	1004	1221					1123			473
FBH-500DB	5	6	7.3	6.1	7.5 4P	40	φ 10	2/4	1300	553	722	670	φ 16	440	215	483	572	74	350	483
		9								603	772	770					672			523
		12								743	912	1049					951			603
		15								838	1007	1239					1141			633

1.R/F=Reeving/falling numbers.

TP.TK.TG SERIES



SPECIFICATIONS & DIMENSIONS :

Model	Capacity (ton)	Lift (m)	Hoisting				Traversing				Wire Rope		Approximate Dimension (mm)									Approximate Weight (kg)		
			Speed(m/min)		Motor kw pole	ED %		Speed(m/min)		Motor kw pole			ED %		H	A		B	C		D		Adjust for Std. I-Beam (mm)	
			60Hz	50Hz		Single	Dual	60Hz	50Hz		Single	Dual	Single	Dual		Single	Dual		Single	Dual	Single			Dual
TPM-100DB	1	6	10.8	9	2.2 4P	40	40/20	24	20	0.25 4P	40	40/20	8	1/2	1050	540	621	314	210	210	380	380	75-125	246
TPMD-100DB		9	10.8/3.6	9/3	2.2/0.73 4/12P			24/8	20/6	0.25/0.08 4/12P						590	671	364						256
		12														640	721	414						266
TKM-200DB	2	6	8	6.7	3 4P	40	40/20	24	20	0.25 4P	40	40/20	10	1/2	1150	627	627	350	232	232	410	410	100-150	370
TKMD-200DB		9	8/2.7	6.7/2.2	3/1 4/12P			24/8	20/6	0.25/0.08 4/12P						679	679	403						390
		12														732	732	455						410
TKH-200DB	2	6	8	6.7	3 4P	40	40/20	24	20	0.25 4P	40	40/20	8	2/4	1150	701	701	422	232	232	433	433	100-150	400
TKHD-200DB		9	8/2.7	6.7/2.2	3/1 4/12P			24/8	20/6	0.25/0.08 4/12P						788	788	509						420
		12														874	874	596						440
TKL-300DB	3	6	4.4	3.7	3 4P	40	40/20	18	15	0.6 4P	40	40/20	10	1/4	1150	729	729	518	275	275	443	443	125-175	410
TKLD-300DB		9	4.4/1.5	3.7/1.2	3/1 4/12P			18/6	15/5	0.6/0.2 4/12P						801	801	523						450
		12														918	918	640						490
TGM-300DB	3	6	8	6.7	5 4P	40	40/20	18	15	0.6 4P	40	40/20	12	1/2	1200	635	718	435	185	210	430	455	125-175	410
TGMD-300DB		9	8/2.7	6.7/2.2	5/1.7 4/12P			18/6	15/5	0.6/0.2 4/12P						677	760	477						430
		12														779	862	579						450
TGH-300DB	3	6	8	6.7	5 4P	40	40/20	18	15	0.6 4P	40	40/20	10	2/4	1200	729	812	529	185	210	443	468	125-175	390
TGHD-300DB		9	8/2.7	6.7/2.2	5/1.7 4/12P			18/6	15/5	0.6/0.2 4/12P						802	885	602						425
		12														919	1002	719						455
TGL-500DB	5	6	4.4	3.7	5 4P	40	40/20	18	15	0.6 4P	40	40/20	10	1/4	1200	729	812	564	300	300	468	468	125-175	520
TGLD-500DB		9	4.4/1.5	3.7/1.2	5/1.7 4/12P			18/6	15/5	0.6/0.2 4/12P						802	885	602						540
		12														919	1002	719						560

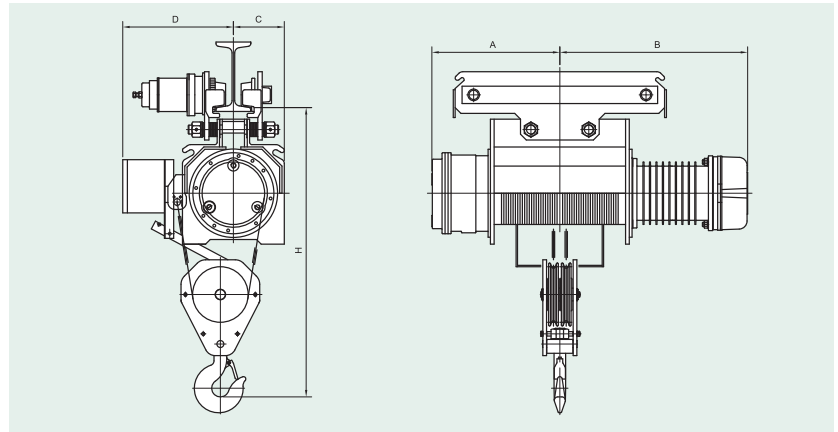
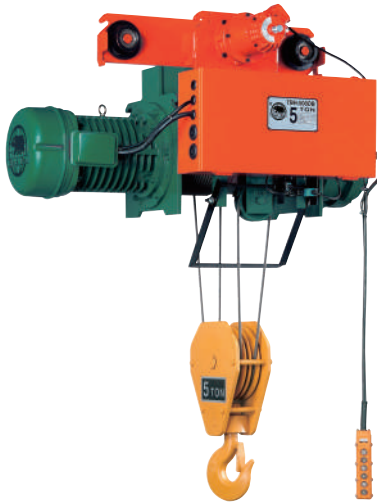
1.R/F=Reeving/falling numbers.

2.Dual speed model under green shadow.

3.Traversing pinion 2 ton M3.5x16t, 3-5 ton M3.5x12t.

4.Traversing motor standard supply, 50 Hz or 60Hz all used 4 pole, or please specify.

TB SERIES



SPECIFICATIONS & DIMENSIONS :

Model	Capacity (ton)	Lift (m)	Hoisting				Traversing				Wire Rope		Approximate Dimension (mm)								Adjust for Std. I-Beam (mm)	Approximate Weight (kg)		
			Speed(m/min)		Motor kw pole	ED %		Speed(m/min)		Motor kw pole			ED %		H	A	B		C				D	
			60Hz	50Hz		Single	Dual	60Hz	50Hz		Single	Dual	\$ mm	R/F			Single	Dual	Single	Dual			Single	Dual
TBH-500DB	5	6	7.3	6.1	7.5 4P	40	40/20	18	15	0.6 4P	40	40/20	\$ 10	2/4	1250	553	722	875	220	255	488	513	125-175	590
TBHD-500DB		9	7.3/2.4	6.1/2.0	7.5/2.5 4/12P			18/6	15/5	0.6/0.2 4/12P						603	772	925						630
TBH-750DB		12														743	912	1065						710
TBH-750DB	7.5	6	7.3	6.1	11 4P	40	40/20	20	17	1.1 4P	40	40/20	\$ 14	2/4	2000	608	867	929	240	240	612	612	150-200	990
TBHD-750DB		9	7.3/2.4	6.1/2.0	11/3.7 4/12P			20/6	17/6	1.1/0.37 4/12P						743	1002	1064						1020
TBHD-750DB		12														833	1092	1075						1060
TBL-1000DB	10	6	5.0	4.2	11 4P	40	40/20	18	15	1.1 4P	40	40/20	\$ 16	1/4	2000	605	849	911	340	340	640	725	150-200	970
		9								1.1/0.37 4/12P						673	917	979			640	725		1000
TBLD-1000DB		12	5.0/1.7	4.2/1.4	11/3.7 4/12P			18/6	15/5	0.75x2 4/12P						773	1017	1079			585	625		1040

1.R/F=Reeving/falling numbers.

2.Dual speed model under green shadow.

3.Traversing pinion 5 ton M3.5x12t, 7.5 ton M3.5x20t, 10 ton M3.5x23t.

4.Traversing motor standard supply, 50 Hz or 60Hz all used 4 pole, or please specify.

5.Traversing motor: 5 ton used planetary reducing gear motor, 7-10 ton used reducing gear motor.

PRODUCT GUIDE

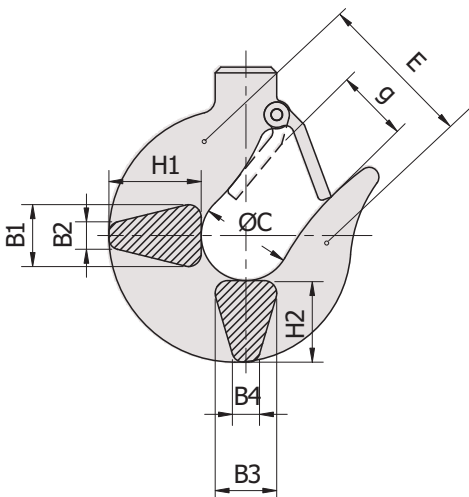
Capacity (ton)	Monorail High Speed	Crab High Speed	Footmount High Speed	Monorail Low Speed	Crab Low Speed	Footmount Low Speed	Dual Speed
1	TPM-100DB		FPM-100DB				TPMD-100DB
2	TKM-200DB	SKM-200DB	FKM-200DB				TKMD-200DB SKMD-200DB
2	TKH-200DB	SKH-200DB	FKH-200DB				TKHD-200DB SKHD-200DB
3	TGM-300DB	SGM-300DB	FGM-300DB	TKL-300DB	SKL-300DB	FKL-300DB	TGMD-300DB SGMD-300DB TKLD-300DB SKLD-300DB
3	TGH-300DB	SGH-300DB	FGH-300DB				TGHD-300DB SGHD-300DB
5	TBH-500DB	SBH-500DB	FBH-500DB	TGL-500DB	SGL-500DB	FGL-500DB	TBHD-500DB SBHD-500DB TGLD-500DB SGLD-500DB
7.5	TBH-750DB	SBH-750DB					TBHD-750DB SBHD-750DB
10		SCAH-1000DB		TBL-1000DB	SBL-1000DB		SCAHD-1000DB SBLD-1000DB TBLD-1000DB
15		SFAH-1500DB			SEAL-1500DB		SEALD-1500DB SFAHD-1500DB
20					SCAL-2000DB		SCALD-2000DB
30					SFAJ-3000DB		SFAJD-3000DB

WIRE ROPE



Rope Dia (mm) d	Mode Being Used	Construction	Specified Breaking Load (kg)
§ 8	TPM-100DB FPM-100DB TKH-200DB SKH-200DB FKH-200DB	6x37-A	34
§ 10	TKL-300DB SKL-300DB FKL-300DB TGH-300DB SGH-300DB FGH-300DB		53.1
	TKM-200DB SKM-200DB FKM-200DB	IWRC 6xFi(29)-B	67.7
	TGL-500DB SGL-500DB FGL-500DB TBH-500DB SBH-500DB FBH-500DB	IWRC 6xP.Fi(29)-H	84
§ 12	TGM-300DB SGM-300DB FGM-300DB	IWRC 6xFi(29)-B	97.7
§ 14	TBH-750DB SBH-750DB	6x37-H	123
§ 16	TBL-1000DB SBL-1000DB SCAH-1000DB	6x37-H	161
§ 18	SFAH-1500DB SFAJ-3000DB	IWRC 6xFi(29)-H	234
§ 20	SEAL-1500DB		289
	SCAL-2000DB	IWRC 6xP.Fi(29)-H	331

HOOK



Mode	Capacity (ton)	Dimension (mm)									Tensile Stress (kg/mm²)	Hook Block Weight (kg)
		H1	B1	B2	H2	B3	B4	C	g	E		
T;FPM	1	33	23	9	29	23	9	40	27	55	70	10
T;F;SKM	2	45	31	10	41	31	10	45	33	70	70	30
T;F;SKH												
T;F;SGM												
T;F;SKL												
T;F;SGH	3(2.8)	57	38	12	52	38	12	60	42	100	70	40
T;F;SGL												
T;F;SBH	5	75	48	16	68	48	16	75	56	105	70	50
T;SBH	7.5	85	61	22	77	61	22	85	62	140	70	60
T;SBL	10	100	70	28	95	65	28	100	70	130	70	150
SCAH												
SEAL	15	120	85	32	110	83	32	120	82	167	70	220
SFAH												
SCAL	20	140	100	38	130	95	38	140	105	220	70	290
SFAJ	30	140	98	38	130	94	38	140	105	220	100	420



POWER SUPPLY :

- ▲ 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.

PUSH BUTTON SWITCH :

- ▲ 2-point type : up and down.
- ▲ 4-point type : up and down ; left and right (trolley).
- ▲ 6-point type : up and down ; left and right ; forward and reverse (end carrier)

LIFTING HEIGHT :

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

Load spectrum	Cubic mean value Definitions	Average operating time per day in hours							
1 (light)	($k \leq 0.50$) Mechanisms or parts thereof, usually subject to very small loads and in exceptional cases only to maximum loads.	0.25-0.5	0.5-1	1-2	2-4	4-8	8-16	> 16	
2 (medium)	($0.50 < k \leq 0.63$) Mechanisms or parts thereof, usually subject to small loads but rather often to maximum loads.	0.12-0.25	0.25-0.5	0.5-1	1-2	2-4	4-8	8-16	> 16
3 (heavy)	($0.63 < k \leq 0.80$) Mechanisms or parts thereof, usually subject to medium loads but frequently to maximum loads.	≤ 0.12	0.12-0.25	0.25-0.5	0.5-1	1-2	2-4	4-8	8-16
4 (very heavy)	($0.80 < k \leq 1$) Mechanisms or parts thereof, usually subject to maximum or almost to maximum loads.		≤ 0.12	0.12-0.25	0.25-0.5	0.5-1	1-2	2-4	4-8
Classification of Mechanisms FEM 9.511		1 Dm	1 Cm	1 Bm	1 Am	2 m	3 m	4 m	5 m

ISO/FEM(9.511)

Classification of mechanisms:

1 Dm	1 Cm	1 Bm	1 Am	2 m	3 m	4 m	5 m
M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8

Classification of mechanisms into groups:

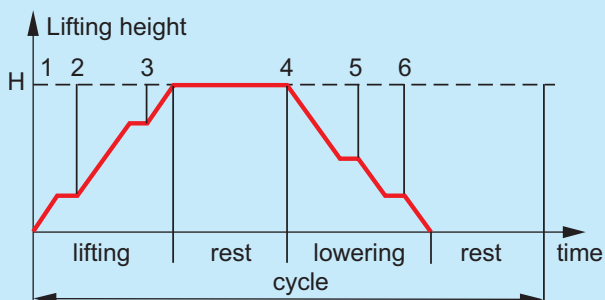
Load spectrum	Cubic mean value	Class of operation time									
		V0.06	V0.12	V0.25	V0.5	V1	V2	V3	V4	V5	
		TO	T1	T2	T3	T4	T5	T6	T7	T8	
		Average operating time per day in hours									
		≤ 0.12	≤ 0.25	≤ 0.5	≤ 1	≤ 2	≤ 4	≤ 8	≤ 16	> 16	
1 L1	$k \leq 0.50$			1 Dm	1 Cm	1 Bm	1 Am	2 m	3 m	4 m	
2 L2	$0.50 < k \leq 0.63$		1 Dm	1 Cm	1 Bm	1 Am	2 m	3 m	4 m	5 m	
3 L3	$0.63 < k \leq 0.80$	1 Dm	1 Cm	1 Bm	1 Am	2 m	3 m	4 m	5 m		
4 L4	$0.80 < k \leq 1.00$	1 Cm	1 Bm	1 Am	2 m	3 m	4 m	5 m			

Class of operating time:

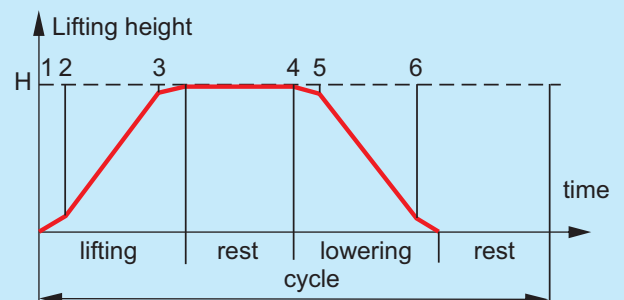
Class of operation time	Average operating time per day (in hours)	Calculated total operating time in hours
V0.06 T0	≤ 0.12	200
V0.12 T1	≤ 0.25	400
V0.25 T2	≤ 0.5	800
V0.5 T3	≤ 1	1600
V1 T4	≤ 2	3200
V2 T5	≤ 4	6300
V3 T6	≤ 8	12500
V4 T7	≤ 16	25000
V5 T8	> 16	50000

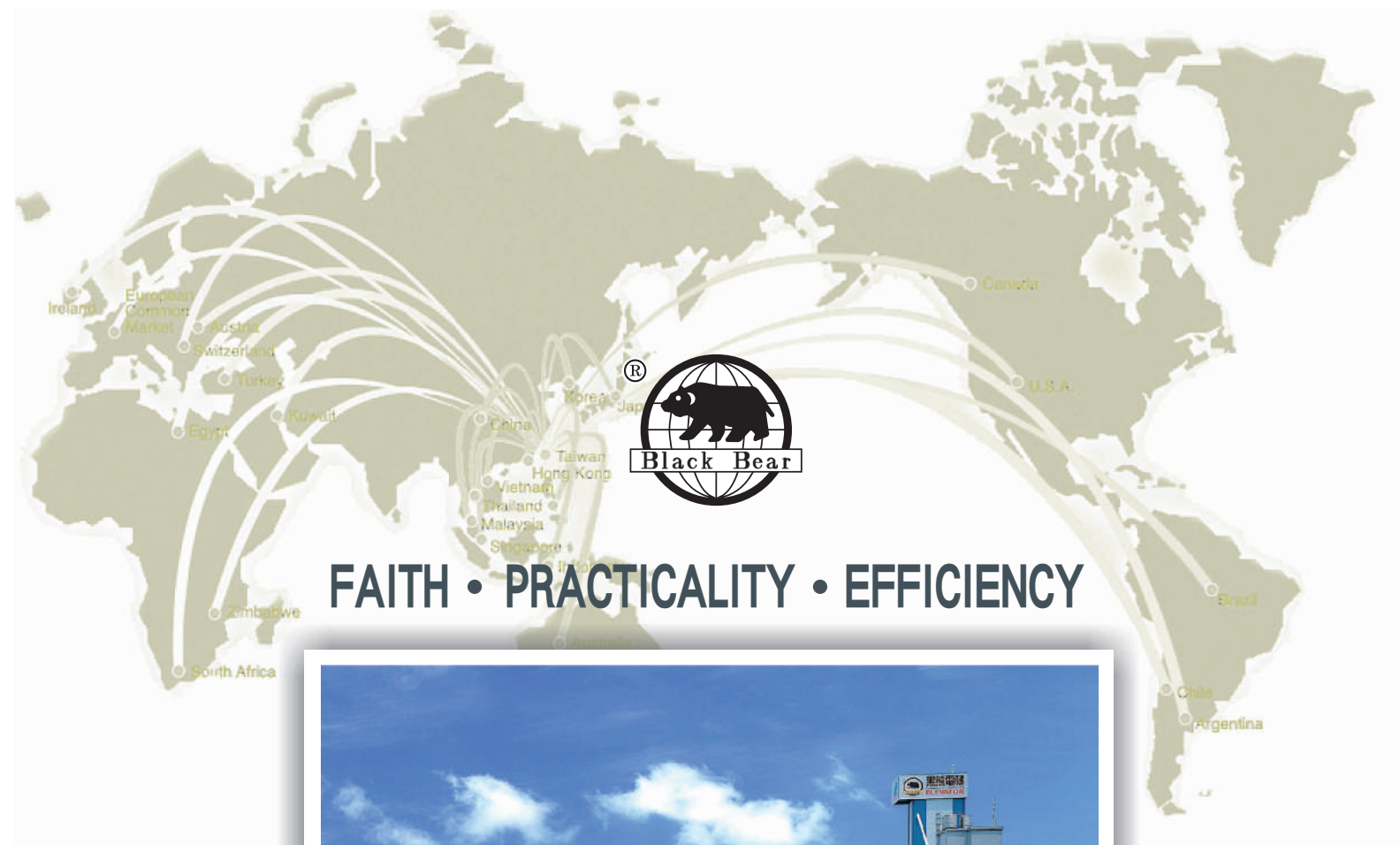
OPERATION CYCLE

Hoist with one speed



Hoist with two speed





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- Revision of April, 2014 (Edition No.7) #950168
- No further notice while sizes and dimensions update; Quotations are based on practical dimensions.
- Due to the printing factors, the color of the products is subject to minor deviation from the physical objects.