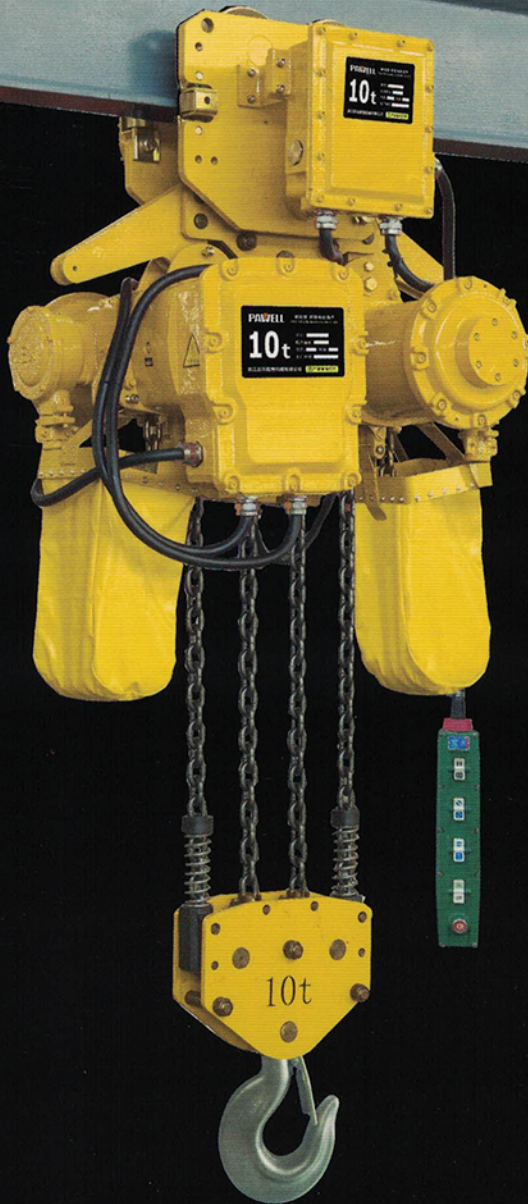


## 防爆型 环链电动葫芦 **1t-50t** **EXPLOSION-PROOF** ELCTRIC CHAIN HOIST



Exd II BT4 粉尘级防爆



超载离合保护系统

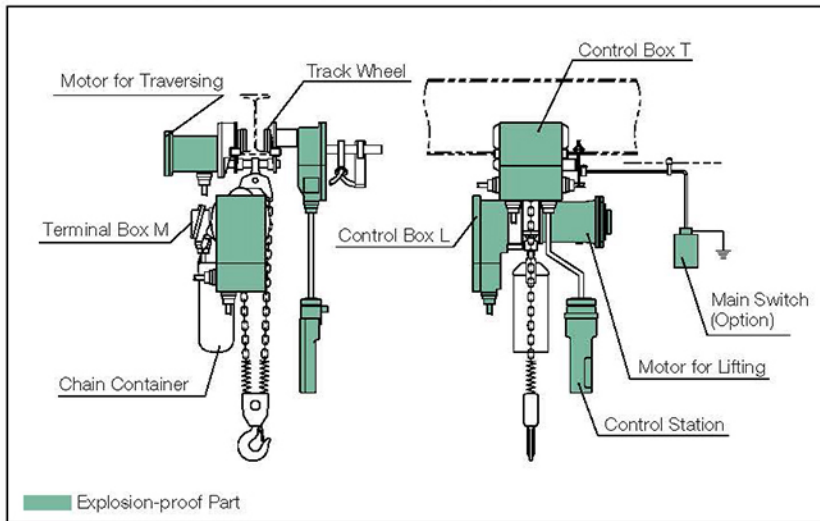


IP65 高防护等级

# This is the INFORMATION that you are looking for.

You can find the Details of Classification of Construction, Explosion Grade and Ignitability.

## Construction (Type d: Flameproof enclosures)



The section  in the left figure shows the explosion-protected construction. Accordingly, electric parts have sufficient strength to withstand the internal pressure indicated in JIS C 0903; other detailed specifications such as gaps, depths of gaps and locking constructions are also made to meet the below standards.

### Relative Standards

#### JIS C 0903

Electrical Apparatus for Explosive Atmospheres in General Industry.

#### JIS C 0905

Supplementary Requirements for Construction of Electrical Apparatus for Explosive Atmospheres in General Industry.

## Range of Ignitable Gases and Vapors

Explosion Grade :d		Ignitability	G1	G2	G3	G4	G5
			Over 450°C	300°C to 450°C	200°C to 300°C	135°C to 200°C	100°C to 135°C
1	Dimension of gap with the depth of 25mm through which the internal flame is able to escape.	over 0.6mm	Acetone Ammonia Benzene Carbon-monoxide Ethane Acetic-acid Ethyl-acetate Methane Toluene Propane Methanol	Ethanol Isoamyl-acetate I-butanol Butan Acetic-anhydride	Gasoline Hexane	Acetaldehyde Ethyl-ether	
2		0.6mm to 0.4mm	Coal gas	Ethylene Ethylene-oxide			
3		Up to 0.4mm	Water gas Hydrogen	Acetylene			Carbon-disulfide

Explosion-Proof Type Electric Chain Hoists are classified in  group

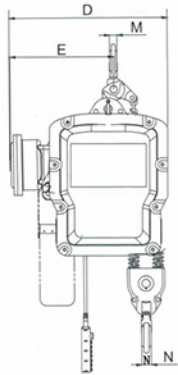
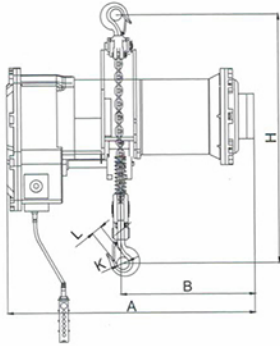
## Common Specifications

Power source	200V(50/60Hz), 220V(60Hz), 380V(50Hz), 400V(50Hz), 415V(50Hz), 440V(60Hz), 3 phase. Other voltages are available upon request.
Operation voltage	48V
Operation method	Pendant type push button cord (floor operation) (2-push-button-system for both hook suspension type and manual operated type trolley, 4-push-button-system for motorized trolley type.)
Power supply method	Cable power supply system
Push button cord and power supply cable	Rubber insulated flexible cable (3RNCT)
Insulation of motor	E class
Braking system for lifting and lowering	Pull-rotor motor brake
Braking system for traversing	Motor brake construction
Working temperature range	-20°C (-4°F) to +40°C (+104°F)

All specifications herein are subject to change without notice.



### 500kg-5t (挂钩式)



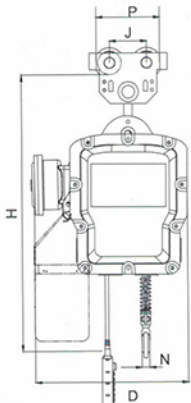
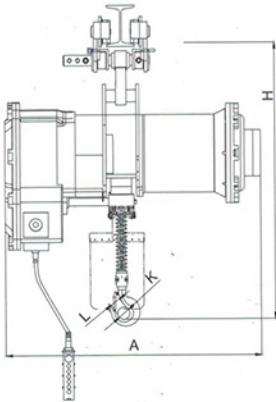
#### ● 技术参数 Technical Parameters

Type 型号	起重量 (Ton)	起升高度(m)	起升速度 (m/min)	起升电机				
				功率(Kw)	转速(r/min)	相数	电压(V)	频率(Hz/s)
KDFB.0101	1	3/9	6.8	0.75	1440	3	380	50
KDFB.01501	1.5	3/9	3.4	0.75	1440	3	380	50
KDFB.0201	2	3/9	6.6	1.5	1440	3	380	50
KDFB.0202	2	3/9	8.8	3.0	1440	3	380	50
KDFB.02501	2.5	3/9	6.6	3.0	1440	3	380	50
KDFB.0301	3	3/9	3.3	1.5	1440	3	380	50
KDFB.0302	3	3/9	5.4	3.0	1440	3	380	50
KDFB.0303	3	3/9	5.4	3.0	1440	3	380	50
KDFB.0502	5	3/9	4.4	3.0	1440	3	380	50

#### ● 尺寸规格表 Size specification

Type 型号	起重量 (Ton)	单位(mm)											Chain
		H	A	B	D	E	I	J	K	L	M	N	
KDFB.0101	1	650	600	340	400	176	φ42	32	φ42	32	24	24	φ7.1
KDFB.01501	1.5	800	700	390	450	265	φ49	40	φ49	40	28	28	φ10.0
KDFB.0201	2	800	700	390	450	265	φ49	40	φ49	40	28	28	φ10.0
KDFB.0202	2	835	600	390	450	236	φ49	40	φ49	40	28	28	φ7.1
KDFB.02501	2.5	845	700	340	400	265	φ59	48	φ59	48	34	34	11.2
KDFB.0301	3	845	700	390	450	265	φ59	48	φ59	48	34	34	φ11.2
KDFB.0302	3	950	700	390	450	320	φ59	48	φ59	48	34	34	φ10.0
KDFB.0303	3	950	600	390	450	320	φ59	48	φ59	48	34	34	φ7.1
KDFB.0502	5	1030	700	340	400	325	φ60	48	φ60	48	42	42	φ11.2

### 500kg-5t (手推式)



#### ● 技术参数 Technical Parameters

Type 型号	起重量 (Ton)	起升高度(m)	起升速度 (m/min)	起升电机					工字钢梁轨道(mm)
				功率(Kw)	转速(r/min)	相数	电压(V)	频率(Hz/s)	
KDFB.0101	1	3/9	3.4	0.75	1440	3	380	50	68-130
KDFB.0102	1	3/9	6.6	1.5	1440	3	380	50	68-130
KDFB.01501	1.5	3/9	8.8	3.0	1440	3	380	50	82-153
KDFB.0201	2	3/9	6.6	3.0	1440	3	380	50	82-153
KDFB.0202	2	3/9	3.3	1.5	1440	3	380	50	82-153
KDFB.02501	2.5	3/9	5.4	3.0	1440	3	380	50	82-153
KDFB.0301	3	3/9	5.4	3.0	1440	3	380	50	82-153
KDFB.0302	3	3/9	4.4	3.0	1440	3	380	50	82-153
KDFB.0303	3	3/9	2.2	1.5	1440	3	380	50	82-153
KDFB.0502	5	3/9	2.7	3.0	1440	3	380	50	100-178

#### ● 尺寸规格表 Size specification

Type 型号	起重量 (Ton)	单位(mm)											Chain
		H	A	B	D	E	K	L	N	I	J	P	
KDFB.0101	1	630	600	340	400	165	φ42	32	24	φ26	115	221	φ6.3
KDFB.0102	1	635	700	390	450	176	φ42	32	24	φ26	115	221	φ7.1
KDFB.01501	1.5	764	700	390	450	265	φ49	40	30	φ31	138	265	φ10.0
KDFB.0201	2	764	700	390	450	265	φ49	40	30	φ31	138	265	φ10.0
KDFB.0202	2	800	600	340	400	236	φ49	40	30	φ31	138	265	φ7.1
KDFB.02501	2.5	854	700	390	400	265	φ59	48	35	φ36	157	277	φ11.2
KDFB.0301	3	854	700	390	450	265	φ59	48	35	φ36	157	277	φ11.2
KDFB.0302	3	960	700	390	450	320	φ59	48	35	φ36	157	277	φ10.0
KDFB.0303	3	968	600	340	400	205	φ59	48	35	φ36	157	277	φ7.1
KDFB.0502	5	1007	700	340	450	325	φ60	48	43	φ43	178	332	φ11.2



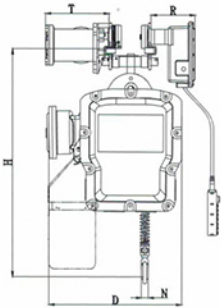
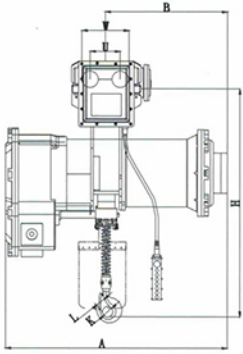
### 500kg-5t (运行式)

#### ● 技术参数 Technical Parameters

Type 型号	起重量 (Ton)	起升高度 (m)	起升速度 (m/min)	起升电机					运行电机					工字钢梁轨道(mm)	
				功率 (Kw)	转速 (r/min)	相数	电压 (V)	频率 (Hz/s)	功率 (Kw)	转速 (r/min)	运行速度 (m/min)	相数	电压 (V)		频率 (Hz/s)
KDFBL0101	1	3/9	3.4	0.75	1440	3	380	50	0.4	1440	11/21	3	380	50	58-153
KDFBL01501	1.5	3/9	8.8	3.0	1440	3	380	50	0.4	1440	11/21	3	380	50	82-178
KDFBL0201	2	3/9	6.6	3.0	1440	3	380	50	0.4	1440	11/21	3	380	50	82-178
KDFBL0202	2	3/9	3.3	1.5	1440	3	380	50	0.4	1440	11/21	3	380	50	82-178
KDFBL02501	2.5	3/9	5.4	3.0	1440	3	380	50	0.75	1440	11/21	3	380	50	100-178
KDFBL0301	3	3/9	5.4	3.0	1440	3	380	50	0.75	1440	11/21	3	380	50	100-178
KDFBL0302	3	3/9	4.4	3.0	1440	3	380	50	0.75	1440	11/21	3	380	50	100-178
KDFBL0303	3	3/9	2.2	1.5	1440	3	380	50	0.75	1440	11/21	3	380	50	100-178
KDFBL0502	5	3/9	2.7	3.0	1440	3	380	50	0.75	1440	11/21	3	380	50	100-178

#### ● 尺寸规格表 Size specification

Type 型号	起重量 (Ton)	单位(mm)													Chain
		H	A	B	D	E	I	K	L	N	W	U	R	T	
KDFBL0101	1	650	600	340	400	165	φ31	φ42	32	24	206	111	142	231	φ6.3
KDFBL01501	1.5	770	700	390	450	265	φ36	φ49	40	30	237	127	142	231	φ10.0
KDFBL0201	2	770	700	390	450	265	φ36	φ49	40	30	237	127	142	231	φ10.0
KDFBL0202	2	815	600	340	400	236	φ36	φ49	40	30	237	127	142	231	φ7.1
KDFBL02501	2.5	830	700	390	450	265	φ43	φ59	48	35	265	140	142	231	φ11.2
KDFBL0301	3	830	700	390	450	265	φ43	φ59	48	35	265	140	142	231	φ11.2
KDFBL0302	3	930	700	390	450	320	φ43	φ59	48	35	265	140	142	231	φ10.0
KDFBL0303	3	940	600	340	400	205	φ43	φ59	48	35	265	140	142	231	φ7.1
KDFBL0502	5	1015	700	390	450	325	φ54	φ60	48	43	296	156	142	231	φ11.2



### 1t-10t (超低吊)

#### ● 技术参数 Technical Parameters

Type 型号	起重量 (Ton)	起升高度 (m)	起升速度 (m/min)	起升电机					运行电机					工字钢梁轨道(mm)	
				功率 (Kw)	转速 (r/min)	相数	电压 (V)	频率 (Hz/s)	功率 (Kw)	转速 (r/min)	运行速度 (m/min)	相数	电压 (V)		频率 (Hz/s)
KDFBSL0101	1	3/9	6.6	1.5	1440	3	380	50	0.4	1440	11/21	3	380	50	58-153
KDFBSL01501	1.5	3/9	8.8	3.0	1440	3	380	50	0.4	1440	11/21	3	380	50	82-178
KDFBSL0201	2	3/9	6.6	3.0	1440	3	380	50	0.4	1440	11/21	3	380	50	82-178
KDFBSL0202	2	3/9	3.3	1.5	1440	3	380	50	0.4	1440	11/21	3	380	50	82-178
KDFBSL02501	2.5	3/9	5.4	3.0	1440	3	380	50	0.75	1440	11/21	3	380	50	100-178
KDFBSL0301	3	3/9	5.4	3.0	1440	3	380	50	0.75	1440	11/21	3	380	50	100-178
KDFBSL0302	3	3/9	4.4	3.0	1440	3	380	50	0.75	1440	11/21	3	380	50	100-178
KDFBSL0502	5	3/9	2.7	3.0	1440	3	380	50	0.75	1440	11/21	3	380	50	100-178
KDFBSL07503	7.5	3/9	1.8	3.0	1440	3	380	50	0.75	1440	11/21	3	380	50	100-178
KDFBSL1004	10	3/9	2.7	3.0 x 2	1440	3	380	50	0.75	1440	11/21	3	380	50	150-220

#### ● 尺寸规格表 Size specification

Type 型号	起重量 (Ton)	单位(mm)													Chain
		H	A	B	K	L	M	N	I	J	P	Q	R	T	
KDFBSL0101	1	480	600	340	φ42	32	56	24	φ26	φ31	630	445	230	300	φ7.1
KDFBSL01501	1.5	570	700	390	φ49	40	66	30	φ31	φ36	720	505	230	300	φ10.0
KDFBSL0201	2	570	700	390	φ49	40	66	30	φ31	φ36	720	505	230	300	φ10.0
KDFBSL0202	2	535	600	340	φ49	40	56	30	φ31	φ36	665	444.5	230	300	φ7.1
KDFBSL02501	2.5	640	700	390	φ59	48	73	35	φ36	φ43	775	526	230	300	φ11.2
KDFBSL0301	3	640	700	390	φ59	48	73	35	φ36	φ43	775	526	230	300	φ11.2
KDFBSL0302	3	685	700	390	φ59	48	66	35	φ36	φ43	750	503	230	300	φ10.0
KDFBSL0502	5	740	700	390	φ60	48	73	43	φ43	φ54	825	541	230	300	φ11.2
KDFBSL07503	7.5	890	700	390	φ85	80	73	55	φ43	φ54	1020	730	230	300	φ11.2
KDFBSL1004	10	890	800	400	φ85	80	73	55	φ43	φ54	1020	730	230	300	φ11.2

