



Official website



National High-tech Enterprise
Professional, Excellent Special Innovative Minor Enterprise in Zhejiang province
On the Procurement List of National Flood Control and Drought Relief Department

PERMANENT MAGNET SYNCHRONOUS MOTOR IRRIGATION FLOOD CONTROL PUMP

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Specialized in Permanent Magnetic Submersible Pump power from 3 to 300 kW



Pioneer in the industry



Lead in technology



High reliability



Completed models



Update fast

COMPANY PROFILE

High-speed axial flow pump with permanent magnet synchronous motor (patent number: ZL201420091521.8) is our company's new utility model patent after our more than 20 patents worldwide for "high speed deep well pump" series with permanent magnet synchronous motor. (patent number: ZL201110434834.X). We have the Level-1 energy consumption certification for the national permanent magnet motor energy-saving.

Permanent magnet synchronous motor axial flow pump is a advanced application of permanent magnet synchronous motor in pump field. it has the features: high efficiency, less weight, small size (only weight 1/4 compare to the conventional axial flow pump), large flow and portable movement etc.. it is with step-less speed regulation, head and flow can be adjustable by adjusting speed. the speed of pump can remain the same even the voltage of power supply is not stable . when the voltage changes, especially when the voltage get too low, pump can still keep the head and flow unchanged. traditional axial flow pump never have this performance.

Pump impeller is made of stainless steel by precision casting, pump shaft is stainless steel. For other parts, there are two kinds of material are optional: aluminum alloy or stainless steel. Rubber sheath outgoing power cable is reinforced by stainless steel spring to make sure the safe and reliable operation.

There are two styles of electrical cabinet for pump, one is panel display, the other is touch screen display, inside there is frequency conversion driver, with frequency, voltage, current, speed display, through 3G, 4G mobile network and on computer or mobile APP,pump can work by remote control, such as: remote data transmission, remote control to start or stop and remote control of pump speed etc. pump can work by timing,with overheat, over-current, overload, over-voltage, open-phase automatic protection. pump can automatically stop in half a minute if lack of water in order to protect the coil from burning.we have one electrical cabinet match one pump or one electrical cabinet match two pump.and IP44 or IP55 are on optional on request . Three-phase four-wire waterproof plug and socket is easy to use, safe and reliable.

We have all series axial flow pump for flood prevention, size including 6 inch, 8 inch, 10 inch, 12 inch, flow from 100 to 1500 CBM.we also have a special flood prevention pump with high head (20 to 60 m) for subway. For Special use, we can design the head more than 200 meters. Pump power from 3KW to 300KW apply to all different request for mobile irrigation and flood prevention. our pump can be exchanged from small flow and low head to high head easily by simply replacement of impeller and pump body. Our pump can also be used for fixed drainage in bridge, culvert,basement, garage and so on, pump can work automatically, it can start itself when the water level reaches a set position and stop automatically when the water level drop to the pump inlet level.

We promise one year warranty for after-sales service,we offer free maintenance within the warranty period.our nearest distributor can reach the spot and help to solve the problem if our users can not fix the machine by remote instruction from us.we promise our people can arrive in one day if distance is near 1000km, in two days if distance is over 1000km.



Application scene



Pioneer in the industry



Lead in technology



High reliability



Completed models



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Some usage cases

Only show few usage cases since the limit of page,
pls check our website or contact us for more detail .



- Emergency Rescue Drainage and irrigation and drainage vehicle



- Projects for Aquatic Events in Hangzhou Asian Games



- The Installation and delivery of Subway High Head Pump



Reservoir Water Delivery Project in Zigong Sichuan Province



Reservoir Water Delivery Project in Chendu Sichuan Province



Testing Scene of High Head Pump

Recognition of The Professional Institutions

Excellent Quality Guarantee of Competition



CATALOGUE

Flood Prevention Pump With Huge Flow	01
High Head Flood Control Pump For Subway	05
Double Use Pump	09
Pump With Bottom Inlet	10
Boost Pump	11
Flood Prevention Unit	12
Hydraulic Axial Flow Pump	13
Electrical Cabinet	15
Part	16
ZF-T AC Series Adjustable Vibrator	17
ZF-TDC DC Series Adjustable Vibrator	18
ZN Series Insert Type Concrete Vibrator	23

FLOOD PREVENTION PUMP WITH HUGE FLOW

Overview

This kind of pump is with axial flow impeller, permanent magnet synchronous submersible motor, features such as large flow, light weight, high efficiency density, small size, high efficiency, easy to use. power from 5.5kw to 55kw, apply to flood prevention, pond drainage, pumping irrigation.

6 inch stainless steel flood control pump



A6-1

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m³/h	m	kW	kg	mm
150SZQ100-6-3	100	6	3	18	220x220x430
150SZQ150-6-4	150	6	4	19	220x220x430
150SZQ200-6-5.5	200	6	5.5	20	220x220x430
150SZQ220-7-7.5	220	7	7.5	20	220x220x430
150SZQ250-9-11	250	9	11	22	220x220x430

8 inch large flow flood control pump (integrated)



A8-1



A8-2

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m³/h	m	kW	kg	mm
200SZQ450-8-15	450	8	15	20	230x230x440 250x250x530
200SZQ400-10-18.5	400	10	18.5	22	230x230x440 250x250x530
200SZQ500-10-22	500	10	22	23	250x250x530
200SZQ600-8-22	600	8	22	24	250x250x530

8 inch large flow flood control pump (high connection)



A8-3



A8-4

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m³/h	m	kW	kg	mm
200SZQ450-8-15	450	8	15	23	250x280x620
200SZQ400-10-18.5	400	10	18.5	25	250x280x620
200SZQ500-10-22	500	10	22	26	250x280x620 250x250x530
200SZQ600-8-22	600	8	22	27	250x280x620 250x250x530
200SZQ600-10-30	600	10	30	27.5	250x280x620

10 inch stainless steel flood control pump with large flow



A10-1

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m³/h	m	kW	kg	mm
250SZQ450-8-15	450	8	15	26	260x260x560
250SZQ400-10-18.5	400	10	18.5	27	260x260x560
250SZQ500-10-22	500	10	22	29	260x260x560
250SZQ600-8-22	600	8	22	29	260x260x560

FLOOD PREVENTION PUMP WITH HUGE FLOW

10 inch aluminium alloy light-duty flood control pump with large flow



A10-2

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m ³ /h	m	kW	kg	mm
250SZQ600-10-25	600	10	25	35	300x300x505
250SZQ650-10-30	650	10	30	35	300x300x505
250SZQ750-7-30	750	7	30	35	300x300x505
250SZQ720-10-37	720	10	37	36.5	300x300x505

12 inch aluminium alloy flood control pump with large flow



A12-1

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m ³ /h	m	kW	kg	mm
300SZQ1000-10-45	1000	10	45	55	350x350x605
300SZQ1200-10-55	1200	10	55	58	350x350x605
300SZQ1300-10-60	1300	10	60	60	350x350x605
300SZQ1000-13-60	1000	13	60	60	350x350x605
300SZQ1000-15-75	1000	15	75	65	350x350x605
300SZQ1500-10-75	1500	10	75	65	350x350x605

10 inch stainless steel flood control pump with large flow



A10-3

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m ³ /h	m	kW	kg	mm
250SZQ600-12-30	600	12	30	49	280x280x750
250SZQ800-10-37	800	10	37	50	280x280x750

12 inch stainless steel flood control pump with large flow



A12-2

A12-3

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m ³ /h	m	kW	kg	mm
300SZQ800-15-55	800	15	55	80	380x380x770
300SZQ1000-8-37	1000	8	37	70	380x380x770
300SZQ1000-10-45	1000	10	45	78	380x380x770
300SZQ1000-15-75	1000	15	75	105	380x380x770
300SZQ1200-10-55	1200	10	55	98	380x380x770
300SZQ1500-10-75	1500	10	75	105	380x380x770

HIGH HEAD FLOOD CONTROL PUMP FOR SUBWAY



Overview

High head pump is relatively large flow pump, flood prevention and drainage often need this kind of head slightly higher flood control pump, power can reach 300KW, or larger, can be customized according to user requirements.

4 inch high head flood control pump



B4-1

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m ³ /h	m	kW	kg	mm
100SZQ80-15-5.5	80	15	5.5	19	220x220x430
100SZQ100-15-7.5	100	15	7.5	20	220x220x430
100SZQ100-20-9	100	20	9	21	220x220x430
100SZQ100-25-11	100	25	11	21	220x220x430

6 inch aluminium alloy light-duty flood control pump with high head for subway



B6-1

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m ³ /h	m	kW	kg	mm
150SZQ100-30-15	100	30	15	26	280x280x580
150SZQ100-40-18.5	100	40	18.5	28	280x280x580
150SZQ100-50-22	100	50	22	29	280x280x580
150SZQ150-20-15	150	20	15	26	280x280x580
150SZQ150-35-22	150	35	22	29	280x280x580

6 inch stainless steel flood control pump with high head for subway



B6-2

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m ³ /h	m	kW	kg	mm
150SZQ150-20-15	150	20	15	34	280x280x580
150SZQ150-35-22	150	35	22	37	280x280x580
150SZQ150-45-30	150	45	30	38	280x280x580
150SZQ200-16-15	200	16	15	34	280x280x580
150SZQ200-20-18.5	200	20	18.5	36	280x280x580
150SZQ200-25-22	200	25	22	37	280x280x580

8 inch aluminium alloy flood control pump with high head for subway



B8-1

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m ³ /h	m	kW	kg	mm
200SZQ150-20-15	150	20	15	26	280x280x580
200SZQ150-35-22	150	35	22	29	280x280x580
200SZQ150-45-30	150	45	30	32	280x280x580
200SZQ200-16-15	200	16	15	26	280x280x580
200SZQ200-20-18.5	200	20	18.5	27	280x280x580
200SZQ200-25-22	200	25	22	29	280x280x580

Aluminium alloy light-duty flood control pump with high head for subway



B8-2



B8-3

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m ³ /h	m	kW	kg	mm
100SZQ100-50-22AL	100	50	22	36	300x300x550
100SZQ120-50-30AL	120	50	30	36	300x300x550
200SZQ150-40-30AL	150	40	30	36	300x300x550
200SZQ150-55-37AL	150	55	37	38	300x300x550
200SZQ200-30-30AL	200	30	30	37	300x300x550
200SZQ200-45-37AL	200	45	37	38	300x300x550
200SZQ300-23-30AL	300	23	30	37	300x300x550
200SZQ300-30-37AL	300	30	37	38	300x300x550
200SZQ400-20-37AL	400	20	37	38	300x300x550

8 inch stainless steel flood control pump with high head



B8-4

Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m ³ /h	m	kW	kg	mm
200SZQ150-45-30	150	45	30	52	280x280x700
200SZQ200-30-30	200	30	30	52	280x280x700
200SZQ200-45-37	200	45	37	54	280x280x700
200SZQ300-23-30	300	23	30	53	280x280x700
200SZQ300-30-37	300	30	37	55	280x280x700
200SZQ400-20-37	400	20	37	55	280x280x700

HIGH HEAD FLOOD CONTROL PUMP FOR SUBWAY



Aluminium alloy flood control pump with high head for subway



Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m³/h	m	kW	kg	mm
200SZQ100-100-50	100	100	50	59	350x350x670
200SZQ200-50-45	200	50	45	59	350x350x670
200SZQ200-65-55	200	65	55	65	350x350x670
200SZQ300-40-55	300	40	55	65	350x350x670
200SZQ300-50-75	300	50	75	75	350x350x670
200SZQ400-30-55	400	30	55	65	350x350x670
200SZQ400-40-75	400	40	75	75	350x350x670
200SZQ500-20-45	500	20	45	61	350x350x670
200SZQ500-30-65	500	30	65	73	350x350x670
200SZQ600-20-55	600	20	55	65	350x350x670
200SZQ600-30-75	600	30	75	74	350x350x670
200SZQ600-40-100	600	40	100	78	350x350x670

8 inch stainless steel flood control pump with high head for subway



Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m³/h	m	kW	kg	mm
200SZQ200-45-37	200	45	37	73	380x380x780
200SZQ300-40-55	300	40	55	78	380x380x780
200SZQ400-25-45	400	25	45	75	380x380x780
200SZQ400-30-55	400	30	55	78	380x380x780
200SZQ400-40-75	400	40	75	82	380x380x780
200SZQ500-20-45	500	20	45	75	380x380x780
200SZQ500-25-55	500	25	55	78	380x380x780
200SZQ500-30-75	500	30	75	82	380x380x780
200SZQ500-40-95	500	40	95	93	400x400x850

8 inch stainless steel flood control pump with high head for subway



Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m³/h	m	kW	kg	mm
150SZQ150-80-55	150	80	55	119	350x350x674
200SZQ200-50-45	200	50	45	74	350x350x674
200SZQ200-65-55	200	65	55	80	350x350x674
200SZQ200-85-75	200	85	75	110	350x350x674
200SZQ300-40-55	300	40	55	80	350x350x674
200SZQ300-50-75	300	50	75	87	350x350x674
200SZQ300-60-75	300	60	75	123	350x350x674
200SZQ300-80-95	300	80	95	127	400x400x860
200SZQ400-30-55	400	30	55	80	350x350x674
200SZQ400-40-75	400	40	75	87	350x350x674
200SZQ500-20-45	500	20	45	76	350x350x674
200SZQ500-30-65	500	30	65	88	350x350x674
200SZQ500-50-110	500	50	110	195	400x400x860
200SZQ600-20-55	600	20	55	80	350x350x674
200SZQ600-30-75	600	30	75	89	350x350x674
250SZQ600-40-110	600	40	110	212	400x400x860
250SZQ800-20-75	800	20	75	160	350x350x674
250SZQ800-30-110	800	30	110	195	400x400x860

4,6,8,10 inch stainless steel flood control pump with high head for subway



Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m³/h	m	kW	kg	mm
100SZQ100-100-45	100	100	45	84	380x380x910
100SZQ100-120-55	100	120	55	86	380x380x910
100SZQ100-160-75	100	160	75	96	380x380x1050
150SZQ150-100-75	150	100	75	110	380x380x1150
200SZQ200-100-95	200	100	95	116	380x380x980
200SZQ200-120-110	20	120	110	128	380x380x1130
200SZQ200-150-135	200	150	135	135	380x380x1130
200SZQ300-110-135	300	110	135	202	400x400x1260
200SZQ400-60-110	400	60	110	198	400x400x970
200SZQ400-80-150	400	80	150	235	400x400x1450
200SZQ500-65-150	500	65	150	235	400x400x1450
200SZQ500-80-180	500	80	180	283	400x400x1700
250SZQ600-50-135	600	50	135	218	400x400x1050
250SZQ600-60-160	600	60	160	230	400x400x1050
250SZQ800-50-175	800	50	175	290	400x400x1050

DOUBLE USE PUMP

Overview

Double use pump have two sets of pump head including impeller, pump body and other flow deflector, the first set is with low head, the second set is with high head, users can exchange the two sets simply in order to get lower or higher head very quickly from buying one pump.



Model	Rated flow	Rated head	Motor power	Outlet dia.	N.W.	Dimensions
	m³/h	m	kW	Inch	kg	mm
200SZQ-HL-22	500	32	22	8	45	280x280x580
250SZQ-HL-30	600	30	22	10	60	280x280x700

PUMP WITH BOTTOM INLET



Overview

Most axial flow pump set the motor at the bottom of body and water inlet at the middle of body , this make the suction water level high. This pump is with water inlet at the bottom,make the suction water level less than 100mm from ground.



Model	Rated flow	Rated head	Motor power	Outlet dia.	N.W.	Dimensions
	m³/h	m	kW	Inch	kg	mm
150SZQ200-9-7.5L	200	9	7.5	6	29	250x250x450
200SZQ500-9-22L	500	9	22	8	45	310x310x750
200SZQ600-10-30L	600	10	30	8	54	400x400x850
250SZQ800-9-37L	800	9	37	10	56	400x400x850

BOOST PUMP

Overview

If requires very long horizontal transport distance, we have to install a boost pump in hose in order to increase the water pressure. our boost pump adopt quick-plug both for outlet and inlet , this makes connecting easily .Boost pump is used to ensure enough water pressure if requires very long distance flood drainage.

Booster pump with large flow



Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m³/h	m	kW	kg	mm
200SZQ500-10-22GL	500	10	22	48	370x330x610
250SZQ800-10-37GL	800	10	37	69	420x380x750
300SZQ1000-10-45GL	1000	10	45	98	450x400x850

Stainless steel booster pump with high head



Model	Rated flow	Rated head	Motor power	N.W.	Dimensions
	m³/h	m	kW	kg	mm
150SZQ150-35-22GL	150	35	22	52	370x330x700
200SZQ300-30-37GL	300	30	37	74	420x380x810
200SZQ400-30-55GL	400	30	55	102	450x400x900
200SZQ400-80-150GL	400	80	150	165	550x500x1100

FLOOD PREVENTION UNIT



Overview

Flood prevention unit includes flood prevention pump with permanent magnet motor, electrical cabinet, float body, outlet connector, hose etc. We install all of them into one box as one complete unit which can be moved easily during flood prevention or flood drainage .



Model	Weight	Dimensions
	kg	mm
CMFD01	200	1000x800x1250

Overview

Portable hydraulic axial flow pump with large-flow can be driven by hydraulic power system on vehicle, it is widely used in flood prevention, drought relief, flood drainage, city pipe network maintenance etc.

8" Hydraulic axial flow pump



Model	Flow	Head	Speed	Hydraulic power station	Hydraulic working pressure	Hydraulic flow	Torque	Outlet dia.	N.W.	Dimensions
	m ³ /h	m	r/min	HP	Mpa	lpm	N.m	Inch	kg	mm
200YZQ300-10-15	300	10	3500	15	12	56/16	30	8	25	300x340x400
200YZQ400-8-22	400	8	3500	22	17	56/16	44	8	25	300x340x400
200YZQ400-12-30	400	12	3300	30	18	76/23	64	8	30	300x340x400
200YZQ400-15-37	400	15	3500	37	17	98/28	75	8	31	300x340x400
200YZQ500-7-22	500	7	3000	22	15	69/23	52	8	30	300x340x400
200YZQ500-10-30	500	10	3200	30	18	74/23	66	8	30	300x340x400
200YZQ500-13-37	500	13	3400	37	17	96/28	77	8	30	300x340x400
200YZQ500-15-45	500	15	3400	45	21	96/28	93	8	31	300x340x400
200YZQ600-8-30	600	8	3300	30	18	76/23	64	8	30	300x340x400
200YZQ600-10-37	600	10	3500	37	21	81/23	75	8	31	300x340x400

10" Hydraulic axial flow pump



Model	Flow	Head	Speed	Hydraulic power station	Hydraulic working pressure	Hydraulic flow	Torque	Outlet dia.	N.W.	Dimensions
	m ³ /h	m	r/min	HP	Mpa	lpm	N.m	Inch	kg	mm
250YZQ800-6-37	800	6	3300	37	18	93/28	79	10	32	300x340x420
250YZQ800-10-50	800	10	3300	50	21	106/32	106	10	32	300x340x420
250YZQ800-15-75	800	15	3400	75	22	153/45	155	10	37	300x340x420

12" Hydraulic axial flow pump



Model	Flow	Head	Speed	Hydraulic power station	Hydraulic working pressure	Hydraulic flow	Torque	Outlet dia.	N.W.	Dimensions
	m ³ /h	m	r/min	HP	Mpa	lpm	N.m	Inch	kg	mm
300YZQ1000-8-50	1000	8	2500	50	20	113/45	140	12	41	350x400x465
300YZQ1000-10-60	1000	10	2650	60	22	120/45	159	12	42	350x400x465
300YZQ800-15-75	800	15	2650	75	23	149/56	200	12	47	350x400x465
300YZQ1500-10-90	1500	10	2500	90	25	158/63	240	12	65	390x410x520

Overview

Stainless steel water-proof structure, protection level IP44 and IP54 are optional , the vehicle style with flat bottom is designed specially for vehicle-mounted, features compact structure, easy to be mounted on vehicle for transportation and use. the regular style has four casters for easy movement , all cabinet are equipped with power supply socket and plug, easy connection, easy use.



Model	Mini -style		Vehicle mounted single system		Vehicle mounted double system	
	Dimensions (mm)	Weight(kg)	Dimensions (mm)	Weight(kg)	Dimensions (mm)	Weight(kg)
5.5 – 7.5	300x270x500	15	300x270x500	15	520x270x550	25
11 – 15	360x350x530	18	390x350x700	30	390x350x700	56
18.5 – 22	360x350x530	19	390x350x700	32	390x350x700	61
30	400x390x560	25	450x380x780	41	450x380x780	72
37	400x390x560	26	450x380x780	44	450x380x780	75
45	450x430x710	37	480x430x960	50	480x430x960	82
55	450x430x710	38	480x430x960	56	480x430x960	86
75	500x450x780	46	600x430x1080	70	1000x430x1000	110
110			700x500x1600	130		

Note: The regular style has four casters for easy movement,100mm higher than other style with the same specification



Water tube connector



Water outlet



Quick clamping hoop



Water tube connector



Water outlet



Water hose clamp



8-inch Al alloy pump floating body

Size: 600x300x200mm
Floatage: 35KG
Dead load: 4.5KG



8-10 inch pump flat body

Size: 600x600x280x300mm
Floatage : 78KG
Dead load: 8KG



12 inch pump flat body

Size: 800x350x350mm
Floatage : 120KG
Dead load: 12.5KG



8-10 inch pump flat body

Size: 520x520x540mm
Floatage : 60KG
Dead load: 9KG



12 inch pump flat body

Size: 680x700x700mm
Floatage : 120KG
Dead load: 14KG

ZF-T AC SERIES ADJUSTABLE VIBRATOR



ZF-T2/20



ZF-T2/100



ZF-T2/300



ZF-T2/500

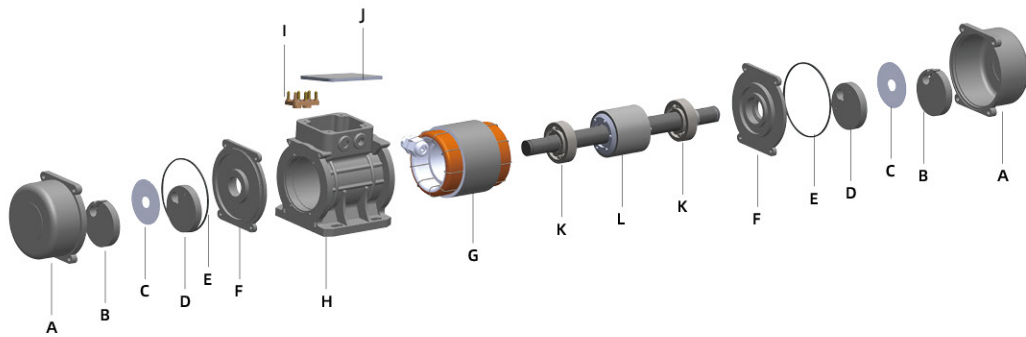


ZF-T4/3000



ZF-T4/5000

ZF-T4/80



A	Endshield Cover
B	Adjustable Weight
C	Scale Disc
D	Fixed Weight
E	O Shaped Ring
F	Endshield
G	Stator

H	Frame
I	Connection board
J	Terminal box cover
K	Bearing
L	Rotor
N	Bearing cover

ZF-TDC DC SERIES ADJUSTABLE VIBRATOR



ZF-TDC90

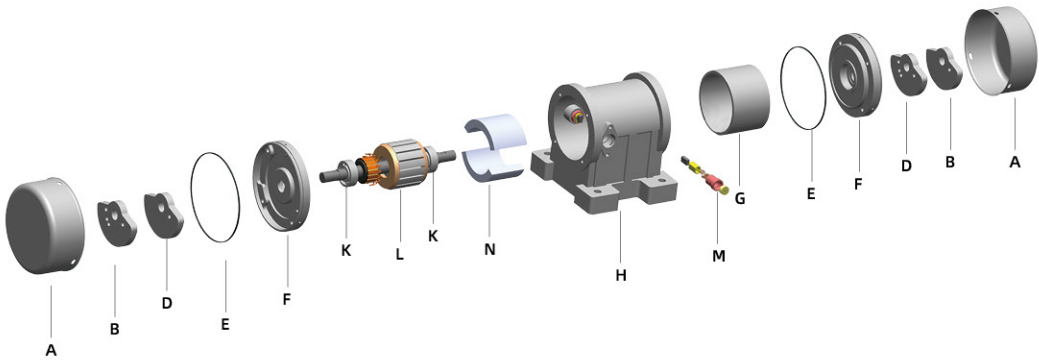


ZF-TDC200

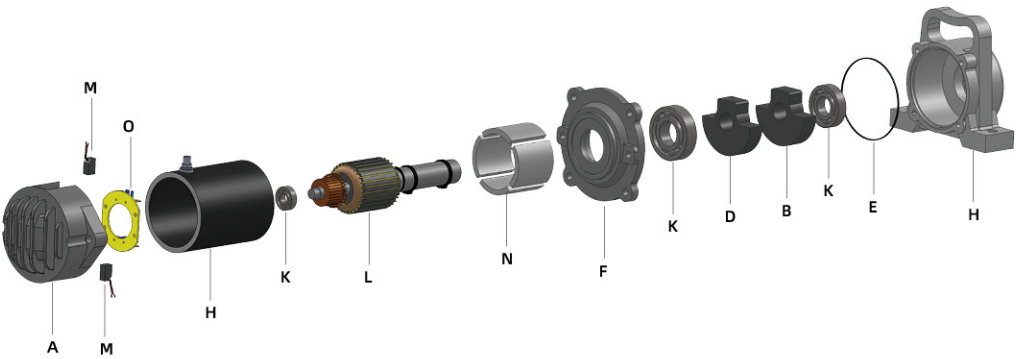


ZF-TDC1500

ZF-TDC200



ZF-TDC1500



A	Endshield cover
B	Adjustable weight
C	Scale disc
D	Fixed weight
E	O shaped ring
F	Endshield
G	Stator
H	Frame

I	Nnection board
J	Terminal box cover
K	Bearing
L	Rotor
N	Magnet
M	Carbon brush
O	Carbon brush frame

Installation drawings and technical parameters

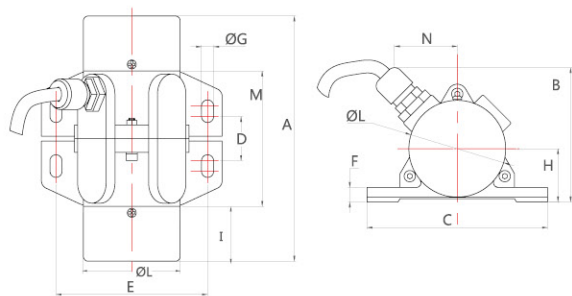


Figure 1

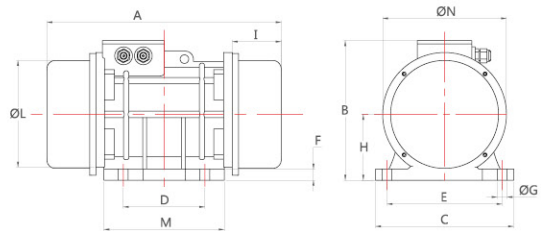


Figure 2

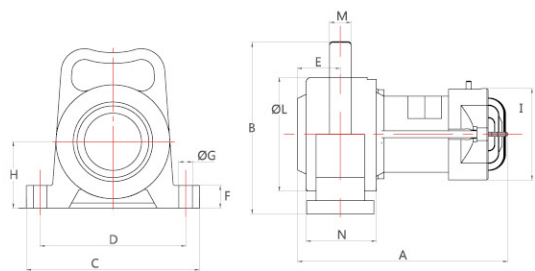


Figure 3

Pedestal Model	A	B	C	D	E	F	G	H	I	L	M	N	Figure
30	307/369	217	206	120	170	17	15	100	58/89	183	152	208	Figure 2
40	268	190	168	105	140	16	13	95	51	162	145	185	Figure 2
50	307	217	206	120	170	17	15	100	60	183	166	206	Figure 2
60	387	254	225	140	190	24	15	123	84	213	200	236	Figure 2
70	457	272	278	155	225	30	23	125	86	263	266	173	Figure 2
80	479	299	298	155	250	38	23	145	92	283	286	283	Figure 2
90	548	344	338	224	270	30	22	165	109	308	320	308	Figure 2
100	627	425	400	240	320	25	33	205	128	358	363	358	Figure 2
110	680	460	515	248	440	48	37	220	138	395	360	395	Figure 2
120	747	498	545	280	440	53	38	241	161	436	420	436	Figure 2
00AL	152	85	112	28/40	94	9	7.5	33	34	60	84	50	Figure 1
01AL	241	158	129	67	106	14	10	62	60	112	123	120	Figure 2
02AL	276	176	156	78/122	108	14	11	78	55	130	165	142	Figure 2
03AL	348	215	210	118	168	24	16	95	68	166	212	182	Figure 2
Z01	165	130	90	151	161	10	11	135	—	—	90	—	Figure 2
Z02	222	157	162	105	131	25	11	96	—	—	144	—	Figure 2
Z03	312	236	257	216	64	34	20	99	—	—	32	—	Figure 3

Model	Vibrating Forece		Max.Input Power	Max.Current	Weight	Pedestal Model	Packing Size
	Kn	kg.f	W	A	kg		mm
ZF-T2/20	0.2	20	20	0.18	1.3	00AL	165 × 104 × 95
ZF-T2/60	0.7	71	130	0.24	5.8	01AL	280 × 170 × 200
ZF-T2/100	1	102	160	0.3	6	01AL	280 × 170 × 200
ZF-T2/200	1.9	200	170	0.32	7	01AL	280 × 170 × 200
ZF-T2/300	2.9	300	320	0.58	11	02AL	325 × 220 × 230
ZF-T2/300	2.9	300	320	0.58	16.5	40	325 × 220 × 230
ZF-T2/500	4.9	505	440	0.8	20	50	395 × 240 × 250
ZF-T2/800	7.9	810	550	1	22.2	60	410 × 250 × 270
ZF-T2/1300	12.8	1306	1100	2	39	70	460 × 300 × 290
ZF-T2/1500	14.9	1520	1200	2.15	40	70	460 × 300 × 290
ZF-T2/1800	18	1837	1450	3.2	45	70	460 × 300 × 290
ZF-T2/2300	22.6	2310	1800	4	48.5	70	460 × 300 × 290
ZF-T2/3200	32	3250	2300	6.5	100	80	490 × 340 × 410
ZF-T2/4000	40	4030	3200	7	105	80	490 × 340 × 410
ZF-T2/5000	50	5070	4150	7.8	116	90	600 × 380 × 470
ZF-T4/40	0.4	45	40	0.1	6.8	01AL	280 × 170 × 200
ZF-T4/80	0.8	80	94	0.24	7.1	01AL	280 × 170 × 200
ZF-T4/100	0.98	100	120	0.28	16.2	40	325 × 220 × 230
ZF-T4/100	0.98	100	120	0.28	14.2	03AL	375 × 240 × 240
ZF-T4/200	2	210	200	0.4	15.2	03AL	375 × 240 × 240
ZF-T4/200	2	210	200	0.4	18.2	40	325 × 220 × 230
ZF-T4/400	4	410	360	0.65	22	50	340 × 240 × 240

ZF-T AC SERIES ADJUSTABLE VIBRATOR



Model	Vibrating Forece		Max.Input Power	Max.Current	Weight	Pedestal Model	Packing Size
	Kn	kg.f	W	A	kg		mm
ZF-T4/500	5	510	390	0.7	26	60	410x250x270
ZF-T4/700	6.9	700	550	0.98	28	60	410x250x270
ZF-T4/1400	13.8	1410	850	1.5	42	70	460x300x290
ZF-T4/1700	16.8	1720	1100	2	46	70	460x300x290
ZF-T4/2400	23.6	2410	1500	3	50	70	460x300x290
ZF-T4/3000	30	3060	1700	4	102	80	490x340x410
ZF-T4/3800	38	3830	2500	5	118	90	600x380x470
ZF-T4/5000	50	5010	3500	6.1	180	100	680x470x550
ZF-T4/7500	75	7560	4500	7.6	350	110	810x620x610
ZF-T4/10000	100	10110	5500	9.5	430	110	810x620x610
ZF-T6/50	0.49	50	85	0.18	17	03AL	375x240x240
ZF-T6/100	0.98	100	103	0.22	19	03AL	375x240x240
ZF-T6/200	1.97	200	170	0.37	20	03AL	375x240x240
ZF-T6/300	2.95	300	250	0.54	22	03AL	375x240x240
ZF-T6/400	3.92	400	310	0.67	24	3	395x240x250
ZF-T6/500	4.91	500	402	0.87	29	3	395x240x250
ZF-T6/800	7.84	800	550	1.19	46	70	460x300x290
ZF-T6/1000	9.8	1000	745	1.61	62	70	460x300x290
ZF-T6/1500	14.7	1500	1120	2.42	115	80	490x340x410
ZF-T6/2000	19.6	2000	1868	4.04	117	90	600x380x470
ZF-T6/3000	29.4	3000	2440	5.28	170	100	680x440x510

Model	Vibrating Forece		Max.Input Power	Max.Current	Weight	Pedestal Model	Packing Size
	Kn	kg.f	W	A	kg		mm
ZF-T6/5000	49	5000	3510	5.33	360	110	730x550x545
ZF-T6/7500	73.5	7500	4215	7.9	385	110	730x550x545
ZF-T6/10000	98	10000	6200	9.43	490	120	810x605x590
ZF-T8/2000	21	2060	1912	3.3	149	100	810x620x610
ZF-T8/3000	32	3040	2560	4.4	195	110	810x620x610
ZF-T8/5000	51	4980	3810	6.5	445	120	880x630x650
ZF-T8/7500	75	7340	4750	8.5	476	120	880x630x650
ZF-T2/20D	0.2	20	20	0.1	1.3	00AL	165x104x95
ZF-T2/60D	0.6	62	86	0.43	6	01AL	280x170x200
ZF-T2/100D	1	110	120	0.58	6.4	01AL	280x170x200
ZF-T2/200D	1.97	210	150	0.71	8.5	02AL	325x220x230
ZF-T2/300D	2.9	311	253	1.2	17.5	03AL	375x240x240
ZF-T4/200D	1.97	210	175	0.75	15	03AL	375x240x240
ZF-T2/300D	3	311	253	1.2	17.5	50	395x240x250
ZF-T2/500D	4.9	500	475	2.25	21	60	410x250x270
ZF-T2/800D	7.8	800	686	3.25	26	60	410x250x270
ZF-T4/300D	2.9	300	280	1.3	27	60	410x250x270
ZF-T4/700D	6.8	700	550	2.9	58	70	460x300x290
ZF-TDC90	0.89	90	80	7	2.5	Z01	200x170x130
ZF-TDC200	1.9	200	180	15	7	Z02	247x172x87
ZF-TDC/1500	14.8	1500	720	60	17	Z03	360x310x310

ZN SERIES INSERT TYPE CONCRETE VIBRATOR



ZN50F/70F



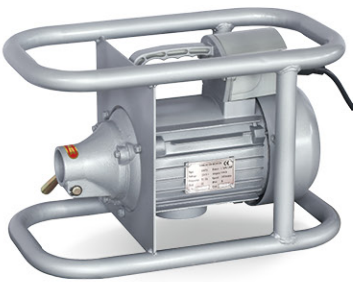
ZN50E/70E



ZN50A/70A



ZN50C/70C



ZN50FG/70FG



ZN50FR/70FR



A

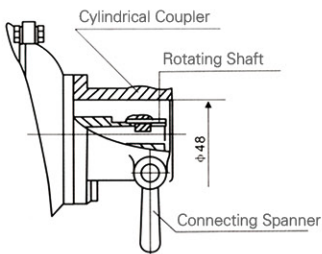
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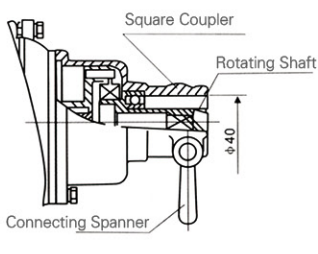
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E

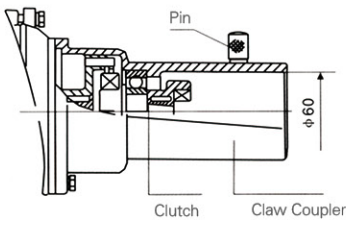
F



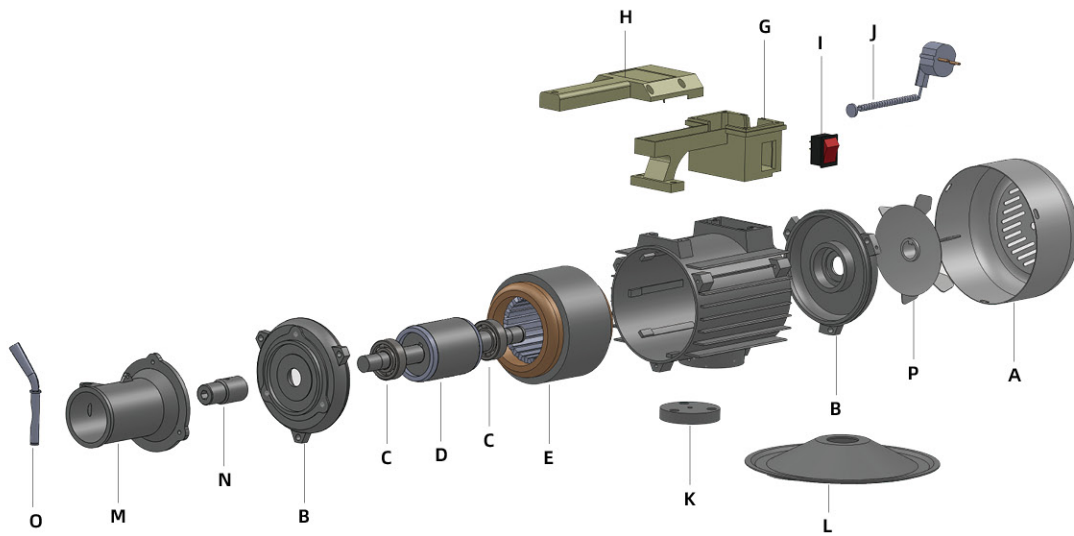
Coupled with cylindrical plug vibrator head



Coupled with square plug vibrator head



Coupled with claw plug vibrator head



A	Endshield cover
B	Endshield
C	Bearing
D	Rotor
E	Stator
F	Frame
G	Handle
H	Handle cover

I	Switch
J	Power cable
K	Connecting block
L	Bottom disc
N	Sleeve
M	Connector
O	Pin
P	Fan

Technical parameters

Model	Power	Source	Speed		Weight	Packing Size
	W		50Hz	60Hz	kg	mm
ZN50/ZN-D	1.1kW (1.5HP)	~1/3 PH 60/50Hz	2850 rpm	3450 rpm	14	370x280x310
ZN50C/ZN50C-D	1.1kW (1.5HP)	~1/3 PH 60/50Hz	2850 rpm	3450 rpm	16	450x280x310
ZN50E/ZN50E-D	1.1kW (1.5HP)	~1/3 PH 60/50Hz	2850 rpm	3450 rpm	15	370x280x310
ZN50F/ZN50F-D	1.1kW (1.5HP)	~1/3 PH 60/50Hz	2850 rpm	3450 rpm	15	430x280x310
ZN70/ZN70-D	1.5kW (2.0HP)	~1/3 PH 60/50Hz	2850 rpm	3450 rpm	15	370x280x310
ZN70C/ZN70C-D	1.5kW (2.0HP)	~1/3 PH 60/50Hz	2850 rpm	3450 rpm	17	450x280x310
ZN70E/ZN70E-D	1.5kW (2.0HP)	~1/3 PH 60/50Hz	2850 rpm	3450 rpm	16	370x280x310
ZN70F/ZN70F-D	1.5kW (2.0HP)	~1/3 PH 60/50Hz	2850 rpm	3450 rpm	16	430x280x310

ZN Indicates 3 Phase,While ZN-D Indicates 1 Phase