

Motor range

Three phase 5.5 to 30kW (7.5~ 40HP) 380V ~ 415V

Applications

This motor is designed for reliable operation in wells, dams, canals, rivers and boreholes (with a minimum diameter of 6 inches).

Basic features

IEC34-1 standard squirrel motor - hermetically sealed
All stainless steel support and double flange design

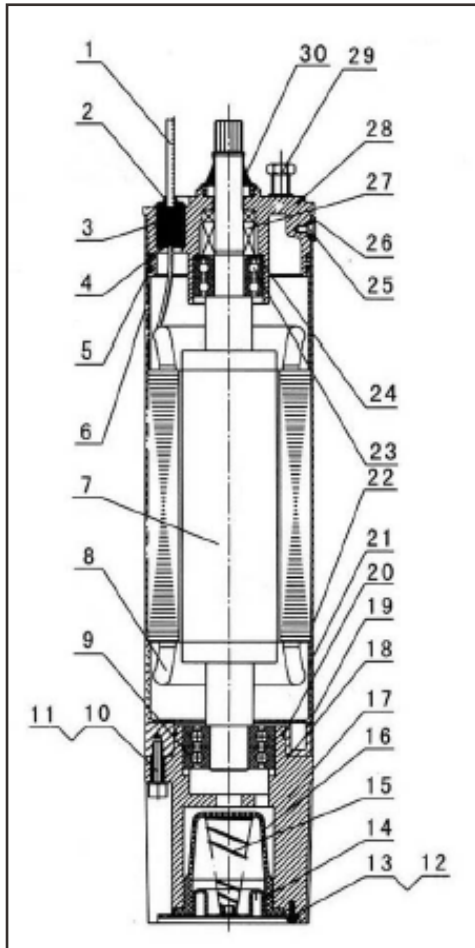
Thrust load:	2500N
Degree of protection:	IP68
Maximum ambient temperature:	40°C
Water pH range:	6.5 - 8.0
Maximum submerged depth:	250m
Insulation:	Class F
Mounting:	Vertical/horizontal
Minimum cooling flow along the motor:	8cm/s
Maximum starts per hour:	10-30 (dependent on mo- tor size)

Flat, waterproof lead out cable with separate earth wire.

Designed for **vertical and horizontal installation.**



Motor parts



NO.	DESCRIPTION	NO.	DESCRIPTION
1	Cable: YQSB	16	O-ring
2	Cable holder	17	Flange
3	Cable protector	18	O-ring
4	Cable protector washer	19	Insulation paper
5	O-ring	20	Lower motor cover
6	Insulation paper	21	Ball bearing
7	Rotor	22	Insulation paper
8	Stator and wire	23	Mechanical seal
9	Bearing	24	Ball bearing
10	Screw	25	Leaf spring
11	Washer	26	Screw
12	Screw	27	Pin
13	Spring	28	Top motor cover
14	Cup ring	29	Screw
15	Motor base	30	Washer

Performance data

MODEL	POWER		CURRENT	COS ϕ	SPEED RPM	LENGTH mm	WEIGHT kg
	kW	HP					
HTY6-5.5	5.5	7.5	12.3	0.83	2835	580	42
HTY6-7.5	7.5	10	16.5	0.85	2835	620	46
HTY6-9.2	9.2	12.3	20.2	0.86	2835	655	50
HTY6-11	11	15	23.6	0.86	2835	685	53
HTY6-13	13	17.5	27.6	0.86	2850	715	56
HTY6-15	15	20	31.8	0.86	2850	755	59
HTY6-18.5	18.5	25	38.2	0.86	2850	820	66
HTY6-22	22	30	45.2	0.86	2850	880	73
HTY6-26	26	35	53.5	0.86	2850	930	80
HTY6-30	30	40	61.6	0.86	2850	980	86