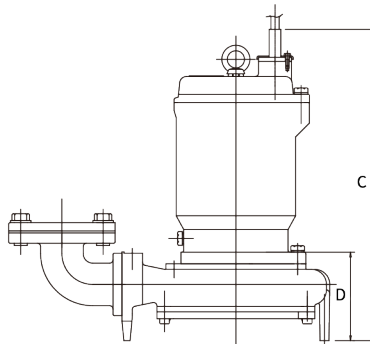
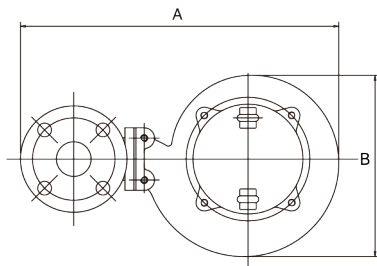


HGR

Submersible grinder pump for
sewage and wastewater treatment



[TYPE A] HIGH FLOW GRINDER PUMP



[TYPE B] LOW FLOW GRINDER PUMP



GRINDER PUMP INSTALLATION

- APPLICATIONS**
- For transferring wastewater and sewage from residential area to sewage treatment plant
 - The impeller made of special chromium alloy grinds strings, clothes, vinyls and enables pump to transfer fluid easily

MAIN SPECIFICATION & TECHNICAL DATA (50Hz)

Ø	MODEL	OUTPUT (kW)	HEAD (m)	FLOW (m3/min)
50	50HGR0.8-4T	0.8	10	0.09
	50HGR1.5-4T	1.5	10	0.18
	50HGR2.2-2T	2.2	15	0.09
	50HGR2.2-4T	2.2	14	0.13
	50HGR3.7-2T	3.7	23	0.09
	50HGR3.7-4T	3.7	15	0.18
	50HGR5.5-2T	5.5	30	0.09
	50HGR7.5-2T	7.5	35	0.09

Ø	MODEL	OUTPUT (kW)	HEAD (m)	FLOW (m3/min)
80	80HGR3.7-4T	3.7	13	0.22
	80HGR5.5-4T	5.5	16	0.27
	80HGR7.5-4T	7.5	17	0.36
	80HGR11-4T	11	23	0.36
	80HGR15-4T	15	26	0.36
100	100HGR11-4T	11	24	0.45
	100HGR15-4T	15	27	0.45
	100HGR22-4T	22	30	0.45
	100HGR30-4T	30	40	0.45

DESCRIPTION

LIQUID	Type	- Slurry
	Temp.(°C)	Max.40
PUMP	Construction	Impeller - Grinder type(~10HP)
		- Chopper type(15HP~)
	Shaft sealing	Double mechanical seal
	Bearing	63xx ZZ
	Impeller	SSC 13
Material	Casing	GC 200
	Suction cover	GC 200
	Mechanical seal	SIC & Ceramic
	Shaft	STS 410
	Motor frame	GC 200
	Cutter fan(~10HP)	HI-CR 18
	Cutter plate(~10HP)	HI-CR 18

MOTOR	Type	Dry
	Pole	2, 4
	Insulation	E, B, F
	Phase	3
	Frequency(Hz)	50, 60
	Voltage(V)	220, 380, 440, 460
	Power(kW)	1.5~22
		- DOL
Starting method		- Y-Δ
		- Soft start
	Lubricant	ISO VG46
Material	Frame	GC 200
	Power cable	2 PNCT
DISCHARGE		All