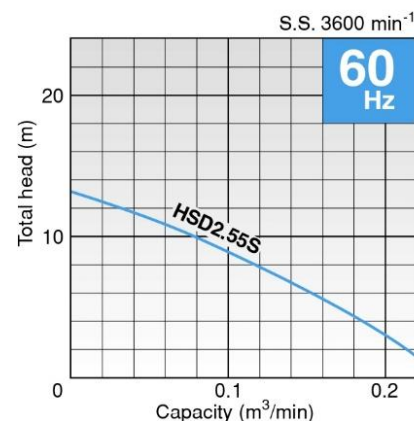
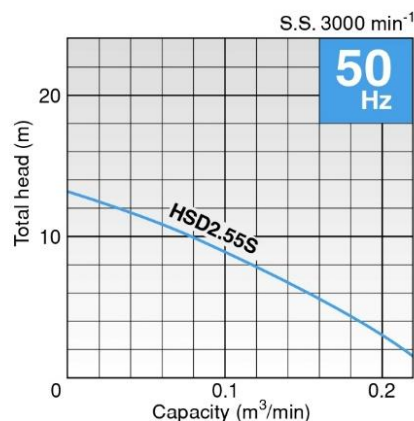


Single-phase compact pump fit for use in slurry dewatering in foundation works.
Uses chromium iron casting for the impeller and agitator.

HSD

Performance Curves



Major Standard Specifications

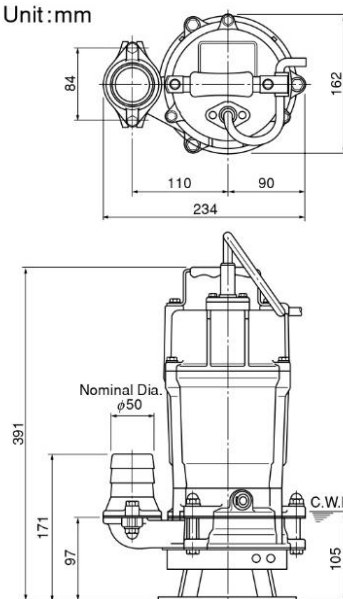
Item		Discharge bore size mm		50	
Pumping fluid	Type of fluid		Sludge, slurry, liquids containing sand and mud		
	Fluid temperature		0~40°C		
Pump	Structure	Impeller	Semi-vortex		
		Shaft seal	Double mechanical seal		
		Bearing	Shielded ball bearing		
	Materials	Impeller	Chromium iron casting		
		Casing	Ductile iron casting		
Shaft seal (mechanical seal)		Silicon carbide			
Motor	Type, Poles		Dry-type submersible induction motor, 2 poles		
	Insulation		Class E		
	Phase / Voltage		Single-phase/ 110V,220V,230V,240V		
	Motor protector (Built-in)		Circle thermal protector		
	Lubricant		Turbine oil (ISO VG32)		
	Materials	Frame	Aluminum alloy casting		
		Shaft	Stainless steel #403		
Cable		PVC			
Discharge connection			Hose coupling		

Standard Specifications 50/60Hz

Discharge Bore mm	Model	Motor Output kW	Phase	Total Head m	Capacity m ³ /min	Starting Method	Dry Weight kgs	Cable Length m
50	HSD2.55S	0.55	Single-phase	9	0.1	Capacitor Run	15	5

* Dry weight excluding cable

Dimensions Unit: mm



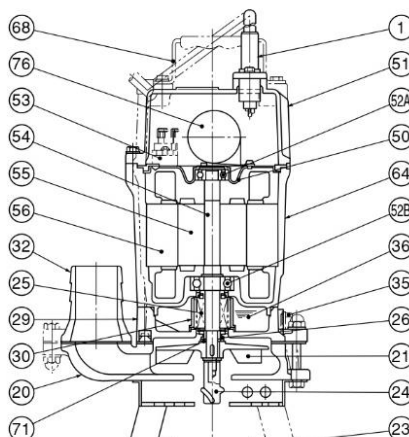
C.W.L. : Continuous Running Water Level

Standard Accessories

- Hose coupling 1pc.
- Hose band 1pc.



Cross-Section



NO.	DESCRIPTIONS	NO.	DESCRIPTIONS
1	Cabletyre Cable	50	Motor Bracket
20	Pump Casing	51	Motor Head Cover
21	Impeller	52A	Upper Bearing
23	Strainer Stand	52B	Lower Bearing
24	Forced Agitation	53	Motor Protector
25	Mechanical Seal	54	Shaft
26	V-ring	55	Rotor
29	Oil Casing	56	Stator
30	Oil Lifter	64	Motor Frame
32	Hose Coupling	68	Handle
35	Oil Plug	71	Shaft Sleeve
36	Lubricant	76	Capacitor



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PT. MASA JAYA PERKASA

M info@masajayaperkasa.com

**Jl. Hayam Wuruk No. 76,
Jakarta Barat, DKI Jakarta 11160**

(+62)21-649-6496

(+62)852-1116-7713