



WATER-COOLED

DIESEL ENGINES

V Series

Vertical Diesel Engine Water Pump Set



V1-95/40~V1-105/80



V1-95/100~V1-105/100

◆ Applications

Used for the following services in commercial, industrial, construction industries.

- * Fire Protection
- * Circulating
- * Irrigation
- * Construction
- * Liquid Transfer
- * Drainage
- * De-watering
- * Water Treatment & Supply

◆ Monobloc Design

-- Pump and engine are coupled directly without using coupling or pulley.

◆ Engine

- Vertical water-cooled rugged design.
- Oil bath air cleaner. (Fig.1)
- Manual and electric start.
- Automatic compression release device for easy start. (Fig.2)

◆ Pump

- With self priming device. (Fig.3)
- Priming head: 20ft (6m) without filling in water.
- Pump body: Cast iron.
- Impeller: Bronze or cast iron.
- Pump shaft: Stainless steel or carbon steel.
- Seal: Mechanical seal SIC/Graphite or high quality gland packing.
- Base frame: Full frame.

◆ Optional

- Butterfly valve. (Fig.4)
- Heavy duty pneumatic tyre wheel with bearing hub. (Fig.5)



Fig.1
Oil Bath Air Cleaner



Fig.2
Automatic Compression
Release Device
for Easy Start



Fig.4
Butterfly Valve



Fig.5
Heavy Duty Pneumatic
Tyre Wheel with Bearing Hub



Fig.3
Self Priming Device



THONG FATT JAYA MACHINERY HARDWARE SDN. BHD.

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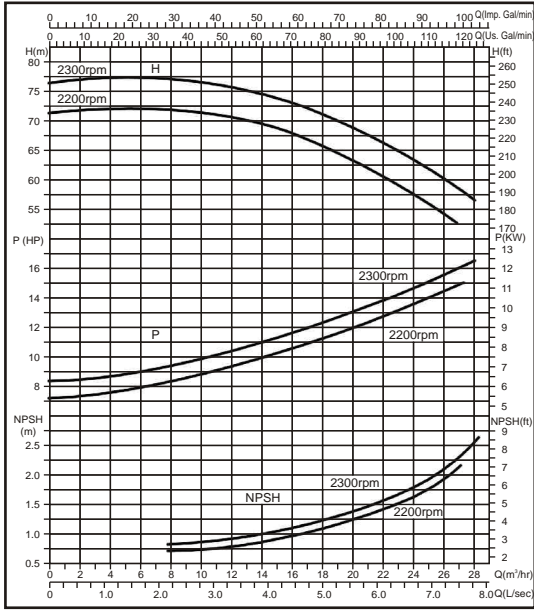
Vertical Diesel Engine

Water Pump Set

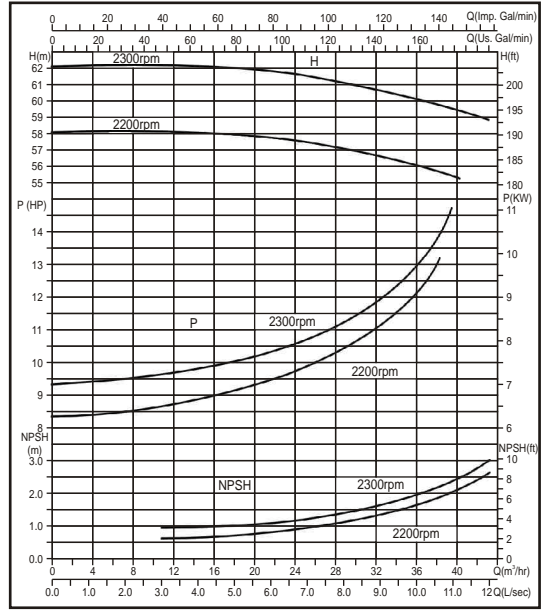
SPECIFICATION DATA

Model	Inlet & Outlet		Max. Capacity	Max. Head	Power	Speed
	(inch)	(mm)	(m ³ /h)	(m)	(HP)	(rpm)
V1-95/40	3"x2"	80x50	27	70	14	2200
V1-105/40	3"x2"	80x50	28	75	18	2300
V1-95/50	3"x3"	80x80	40	62	14	2200
V1-105/50	3"x3"	80x80	42	58	18	2300
V1-95/65	3"x3"	80x80	80	37	14	2200
V1-105/65	3"x3"	80x80	86	40	18	2300
V1-95/80	4"x4"	100x100	140	24	14	2200
V1-105/80	4"x4"	100x100	150	26	18	2300
V1-95/100	4"x4"	100x100	100	28	14	2200
V1-105/100	4"x4"	100x100	110	30	18	2300

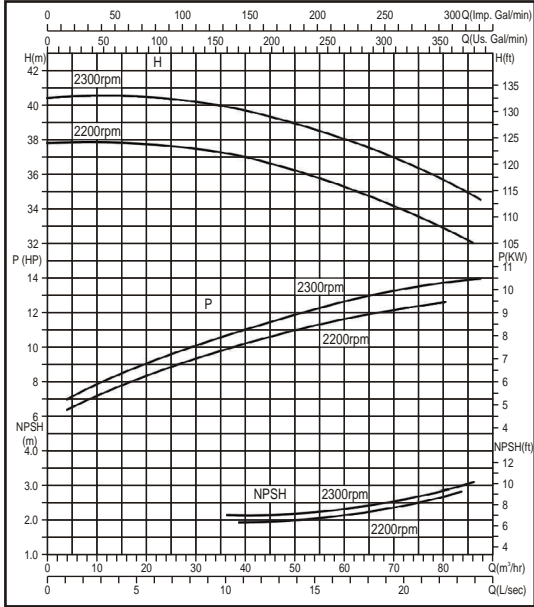
V1-95/40 (2200rpm)
V1-105/40 (2300rpm)



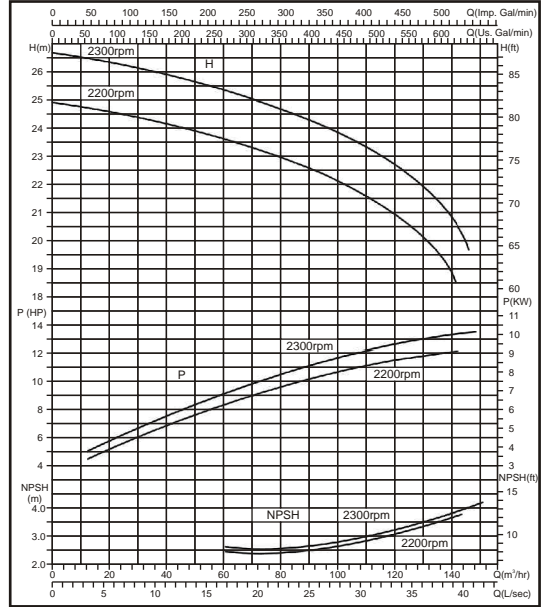
V1-95/50 (2200rpm)
V1-105/50 (2300rpm)



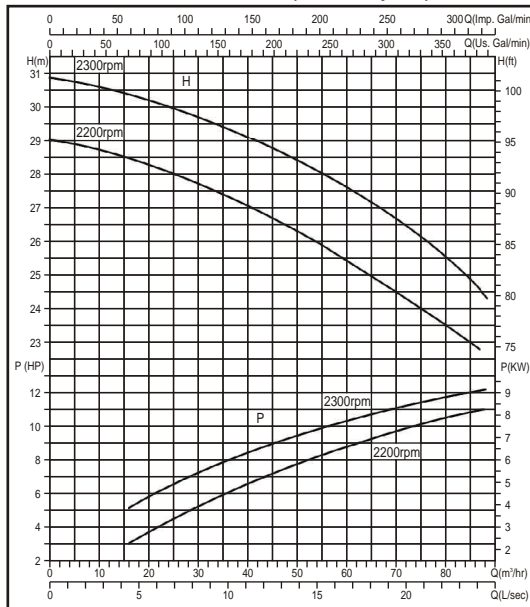
V1-95/65 (2200rpm)
V1-105/65 (2300rpm)



V1-95/80 (2200rpm)
V1-105/80 (2300rpm)



V1-95/100 (2200rpm)
V1-105/100 (2300rpm)



Performance curve of each model is available on request.