

DIESEL FIRE PUMP

(CENTRIFUGAL END SUCTION)

MODEL

DFP.1250-10.DEF110-30.GS

CAPACITY

1250 GPM
(284 m³/h)

HEAD

100 METER
(10 BAR)



DIESEL ENGINE DRIVEN

BARE PUMP



SPECIFICATION

DIESEL ENGINE DRIVEN

BRAND	DEFENDER
MODEL	DEF6.7TDI-D170
POWER kW	150
SPEED RPM	3000
NO. CYL	6
BORE * STROKE mm	102 * 130
DISPLACEMENT L	6.754
OIL CAPACITY L	12
FUEL CONSUMPTION g/Kwh	231
INTAKE AIR SYSTEM	TURBO & INTERCOOLER
COOLING CYLINDER	WATER COOLED
COMPRESSION RATIO	17.5:1
DIMENSION (LxWxH) mm	1180 x 750 x 1100
WEIGHT kg	680
BATTERY VOLTAGE V	24
BATTERY AMPERE AH	100

PANEL DC / STARTER DIGITAL DISPLAY PARAMETER



PANEL DISPLAY :

ENGINE SPEED, OIL PRESSURE
TEMPERATURE, BATTERY VOLTAGE &
HOUR METER

FEATURE :

1. SINGLE KEY STARTER ON-OFF,
2. EMERGENCY PUSH BUTTON
3. OVER HEAT PROTECTION
4. OVER SPEED PROTECTION

BARE PUMP

BRAND	EBARA
DESIGN	CENTRIFUGAL END SUCTION
MODEL	GS100-315L
SUCTION * DISCHARGE INCH	5 * 4
CONNECTION FLANGE	PN16
SHAFT POWER KW	105
IMPELLER DIAMETER DESIGNED mm	289
SPEED RPM	2900
MATERIAL CASING	CAST IRON
IMPELLER	BRONZE
SHAFT	403 STAINLESS STEEL
SEAL	GLAND PACKING
EFFICIENCY %	82.7
REQUIRED PUMP NPSH m	6.5
WEIGHT kg	135

DIMENSION OF DIESEL FIRE PUMP

LENGTH mm	1950
WIDHT mm	950
HEIGHT mm	950
GROSS WIEGHT kg	860

STANDRAD PACKAGING :

1. Daily Fuel Tank 200 Liter
2. Industrial Silencer (Knalpot)
3. Coupling Gurad
4. Oil Filter, Fuel Filter & Air Filter on skid

Performance Curve

Pump Name

GS 100-315L /110

Customer	Date	2025-04-15	Company	PT. ANUGRAH TEKNIK LISTRINDO
Contact	Item no.		Issued by	
Phone	Project		Phone	
E-mail	Project ID		E-mail	

Requested data

1	Flow	l/s	80
2	Head	m	108
3	Geodetic head	m	0

Pump

Operating flow	l/s	80.6	Frequency	Hz	50
Operating head	m	109.5	Number of poles		2
Impeller diameter designed	mm	289	Speed	1/min	2900

Test standard: ISO 9906:2012 - Grade3B

Water; 20°C; 998.3kg/m³; 1mm²/s

