

DEFENDER

DIESEL FIRE PUMP

(CENTRIFUGAL END SUCTION)

MODEL

DFP.1250-8.DEF90-30.GS

CAPACITY

1250 GPM
(284 m³/h)

HEAD

80 METER
(8 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		GS100-250
SUCTION * DISCHARGE	INCH	5 * 4
CONNECTION FLANGE		PN16
SHAFT POWER	KW	85
IMPELLER DIAMETER DESIGNED	mm	265
SPEED	RPM	2900
MATERIAL CASING		CAST IRON
IMPELLER		BRONZE
SHAFT		403 STAINLESS STEEL
SEAL		GLAND PACKING
EFFICIENCY	%	84.77
REQUIRED PUMP NPSH	m	6.4
WEIGHT	kg	103

DIMENSION OF DIESEL FIRE PUMP

LENGTH	mm	1950
WIDHT	mm	950
HEIGHT	mm	950
GROSS WIEGHT	kg	820

STANDRAD PACKAGING :

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



PT. ANUGRAH TEKHNIK LISTRINDO

WWW.ANUGRAH DIESEL.CO.ID

Performance Curve

Pump Name

GS 100-250 /90

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

Requested data

1	Flow	l/s	80
2	Head	m	88
3	Geodetic head	m	0

Pump

Operating flow	l/s	81.1	Frequency	Hz	50
Operating head	m	90.5	Number of poles		2
Impeller diameter designed	mm	265	Speed	1/min	2900

Test standard: ISO 9906:2012 - Grade3B

Water; 20°C; 998.3kg/m³; 1mm²/s

