

DEFENDER

DIESEL FIRE PUMP (CENTRIFUGAL END SUCTION)

MODEL

DFP.1000-12.DEF132-30.GS

CAPACITY

1000 GPM
(228 m³/h)

HEAD

120 METER
(12 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	105 * 130
DISPLACEMENT	L	6.754
OIL CAPACITY	L	12
FUEL CONSUMPTION	g/Kwh	228
INTAKE AIR SYSTEM		TURBO & INTERCOOLER
COOLING CYLINDER		WATER COOLED
COMPRESSION RATIO		17.5:1
DIMENSION (LxWxH)	mm	1120 x 870 x 1005
WEIGHT	kg	590
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	111
IMPELLER DIAMETER DESIGNED	mm	312
SPEED	RPM	2900
MATERIAL CASING		CAST IRON
IMPELLER		BRONZE
SHAFT		403 STAINLESS STEEL
SEAL		GLAND PACKING
EFFICIENCY	%	78.33
REQUIRED PUMP NPSH	m	5.26
WEIGHT	kg	134

DIMENSION OF DIESEL FIRE PUMP

LENGTH	mm	2250
WIDHT	mm	950
HEIGHT	mm	1200
GROSS WIEGHT	kg	950

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 100-315L /132

Customer	Date2025-04-15	Company
Contact	Item no.	Issued by
Phone	Project	Phone
E-mail	Project ID	E-mail

Requested data

1	Flow	l/s	64
2	Head	m	130
3	Geodetic head	m	0

Pump

Operating flow	l/s	65.4	Frequency	Hz	50
Operating head	m	135.9	Number of poles		2
Impeller diameter designed	mm	312	Speed	1/min	2900

