

DEFENDER

DIESEL FIRE PUMP (CENTRIFUGAL END SUCTION)

MODEL

DFP.500-12.DEF75-30.GS

CAPACITY

500 GPM
(113 m³/h)

HEAD

120 METER
(12 BAR)



DIESEL ENGINE DRIVEN

BARE PUMP



SPECIFICATION

DIESEL ENGINE DRIVEN

BRAND		DEFENDER
MODEL		4DEF3.8TDI
POWER	kW	100
SPEED	RPM	3000
NO. CYL		4
BORE * STROKE	mm	102 * 118
DISPLACEMENT	L	3.856
OIL CAPACITY	L	6
FUEL CONSUMPTION	g/Kwh	228
INTAKE AIR SYSTEM		TURBO & INTERCOOLER
COOLING CYLINDER		WATER COOLED
COMPRESSION RATIO		17.5:1
DIMENSION (LxWxH)	mm	985 x 610 x 850
WEIGHT	kg	400
BATTERY VOLTAGE	V	24
BATTERY AMPERE	AH	80

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

PANEL DC / STARTER DIGITAL DISPLAY PARAMETER



BARE PUMP

BRAND		EBARA
DESIGN		CENTRIFUGAL END SUCTION
MODEL		GS65-315
SUCTION * DISCHARGE	INCH	3 * 2.5
CONNECTION FLANGE		PN16
SHAFT POWER	KW	64
IMPELLER DIAMETER DESIGNED	mm	320
SPEED	RPM	2900
MATERIAL CASING		CAST IRON
IMPELLER		BRONZE
SHAFT		403 STAINLESS STEEL
SEAL		GLAND PACKING
EFFICIENCY	%	70.46
REQUIRED PUMP NPSH	m	4.2
WEIGHT	kg	90

DIMENSION OF DIESEL FIRE PUMP

LENGTH	mm	1650
WIDHT	mm	700
HEIGHT	mm	1100
GROSS WIEGHT	kg	550

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 TEKNIK LISTRINDO

WWW.ANUGRAH DIESEL.CO.ID

Performance Curve

Pump Name

GS 65-315 /75

Customer	Date	2025-02-20	Company
Contact	Item no.		Issued by
Phone	Project		Phone
E-mail	Project ID		E-mail

Requested data

1	Flow	l/s	32
2	Head	m	140
3	Geodetic head	m	0

Pump

Operating flow	l/s	32.2	Frequency	Hz	50
Operating head	m	141.9	Number of poles		2
Impeller diameter designed	mm	320	Speed	1/min	2900

Test standard: ISO 9906:2012 - Grade3B

Water; 20°C; 998.3kg/m³; 1mm²/s

