

DEFENDER

DIESEL FIRE PUMP (CENTRIFUGAL END SUCTION)

MODEL

DFP.1000-8.DEF75-30.GS

CAPACITY

1000 GPM
(228 m³/h)

HEAD

80 METER
(8 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 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		GS80-250
SUCTION * DISCHARGE	INCH	4 * 3
CONNECTION FLANGE		PN16
SHAFT POWER	KW	58.54
IMPELLER DIAMETER DESIGNED	mm	270
SPEED	RPM	2900
MATERIAL CASING		CAST IRON
IMPELLER		BRONZE
SHAFT		403 STAINLESS STEEL
SEAL		GLAND PACKING
EFFICIENCY	%	84
REQUIRED PUMP NPSH	m	6.4
WEIGHT	kg	77

DIMENSION OF DIESEL FIRE PUMP

LENGTH	mm	1650
WIDHT	mm	700
HEIGHT	mm	1100
GROSS WIEGHT	kg	600

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 80-250 /75

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

Requested data

1	Flow	l/s	64
2	Head	m	90
3	Geodetic head	m	0

Pump

Operating flow	l/s	64.3	Frequency	Hz	50
Operating head	m	90.9	Number of poles		2
Impeller diameter designed	mm	270	Speed	1/min	2900

Test standard: ISO 9906:2012 - Grade3B

Water; 20°C; 998.3kg/m³; 1mm²/s

