

DEFENDER

DIESEL FIRE PUMP (CENTRIFUGAL END SUCTION)

MODEL

DFP.750-8.DEF75-30.GS

CAPACITY

500 GPM
(171 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	%	78.99
REQUIRED PUMP NPSH	m	4.5
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	2025-02-19	Company ; PT. ANUGRAH TEKNIK LISTRINDO
Contact	Item no.		Issued by
Phone	Project		Phone
E-mail	Project ID		E-mail

Requested data				Pump					
1	Flow	l/s	48	Operating flow	l/s	49.5	Frequency	Hz	50
2	Head	m	90	Operating head	m	95.5	Number of poles		2
3	Geodetic head	m	0	Impeller diameter designed	mm	270	Speed	1/min	2900

