

DIESEL FIRE PUMP

(CENTRIFUGAL END SUCTION)

MODEL

DFP.1250-14.DEF160-30.GS

CAPACITY

1250 GPM
(284 m³/h)

HEAD

140 METER
(14 BAR)



DIESEL ENGINE DRIVEN

BARE PUMP



SPECIFICATION

DIESEL ENGINE DRIVEN

BRAND	DEFENDER
MODEL	DEF6.7TDI-D230
POWER kW	190
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	1200 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	GS 80-315L
SUCTION * DISCHARGE INCH	4 * 3
CONNECTION FLANGE	PN16
SHAFT POWER KW	138
IMPELLER DIAMETER DESIGNED mm	334
SPEED RPM	2900
MATERIAL CASING	CAST IRON
IMPELLER	BRONZE
SHAFT	403 STAINLESS STEEL
SEAL	GLAND PACKING
EFFICIENCY %	79,47
NPSHr m	9.6
WEIGHT kg	

DIMENSION OF DIESEL FIRE PUMP

LENGTH mm	2100
WIDHT mm	9500
HEIGHT mm	1100
GROSS WIEGHT kg	860

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 80-315L /160

Customer	Date	2025-06-03	Company	PT. ANUGRAH TEKNIK LISTRINDO
Contact	Item no.		Issued by	
Phone	Project		Phone	
E-mail	Project ID		E-mail	

Requested data

1	Flow	US g.p.m.	1250
2	Head	m	140
3	Geodetic head	m	0

Pump

Operating flow	US g.p.m.	1250	Frequency	Hz	50
Operating head	m	141.0	Number of poles		2
Impeller diameter designed	mm	334	Speed	rpm	2900

Test standard: ISO 9906:2012 - Grade3B

Water; 68°F; 62.32lb/ft³; 1.076E-5ft²/s



