

MODEL : EDJ-50-8-DEF (4JB1T)
 CAPACITY : 500 Gpm
 HEAD : 80 M

Diesel Fire Pump Set (EDJ)



Pic 1



Pic 2

EDJ engine Model DEJ-50-8-DEF

The DEJ 50-8-DEF Diesel Fire Pump Set is a reliable system designed to combat fires efficiently, boasting a capacity of 500 gallons per minute and a head of 80 meters.

Overall, the DEJ 50-8-DEF Diesel Fire Pump Set combines power, efficiency, and reliability to provide effective fire suppression capabilities, safeguarding lives and property against fire hazards.

Diesel Engine

Unit	Diesel Engine
Model	4JB1T- G1
Brand	Defender
Number of cylind	4
Type	Turbo with Cooling
Max power	66 kw
Aux power	47 kw
Speed	3000 Rpm
Bore x Stroke	90 x 102 mm
Cap oil	12 L
Injection type	Mechanical
Displacemant	2.585 L
Weight	+/- 625 kg

Head Pump

Model	100 x 80 FSKA
Brand	Ebara
Inlet & outlet	4 x 3 Inch
Power	45 kw
Speed	3000
Chasing	Cast Iron
Shaft	403 Stainless Steel
Seal	Ceramic/Carbon/NBR
Impeller	Bronze Casting (CAC406/BC60)
Weight	65 kg

Electric Fire Pump

Electric Pump 500 gpm 80 m

The electric fire pump with a capacity of 500 gallons per minute and a head of 80 meters is a reliable solution for fire suppression. Here are the specifications:



- Pump Brand: Ebara
- Model: 100 x 80 FSKA
- Auxiliary Pump Power: 45 KW
- Electrical Motor Brand: Defender
- Motor Type: DEF 280S-2
- Power: 45KW / 60 HP
- Speed: 3000 - 2P

This electric fire pump, equipped with a powerful Defender motor, efficiently delivers water to extinguish fires with precision and speed. Its high capacity and head make it suitable for various fire suppression applications, ensuring effective firefighting in diverse environments.

Electric Motor

Model	DEF 225M-2
Brand	Defender
Capacity	500 - 80
Phase -	3 Phase - 50 Hz
Frequency	3000
Speed	380
Voltage	45 kw - 60 Hp
Power	300
Weigth	

Head Pump

Model	100 x 80 FSKA
Brand	Ebara
Inlet & outlet	4 x 3 Inch
Power	45 kw
Speed	3000
Chasing	Cast Iron
Shaft	403 Stainless Steel
Seal	Ceramic/Carbon/NBR
Impeller	Bronze Casting (CAC406/BC60)
Weigth	65 Kg

Jockey Pump



The Jockey pump, specified as Type CDMF 5-16, offers the following features:

- **Capacity and Head:** With a capacity of 5m³/h (22 GPM) at a head of 99 meters, the Jockey pump efficiently maintains water pressure within the fire suppression system.

- **Power:** It is powered by a 2.2 kW motor operating at 3 Phase and 2950 RPM, ensuring reliable and consistent performance.

This Jockey pump is designed to provide precise control over water pressure, ensuring the readiness and effectiveness of the fire suppression system in critical situations.

Jockey Pump

Type	CDMF 5-16
Brand	CNP
Cap & Head	5m ³ /h (22 GPM) 99 m
Power	2,2 kW/3 Phase/2950 RPM