

MODEL : EDJ-50-10-DEF
CAPACITY : 500 Gpm
HEAD : 100 M

Diesel Fire Pump Set (EDJ)



Pic 1



Pic 2

EDJ engine Model DEJ-50-10-DEF
The DEJ 50-10-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 100 meters. Overall, the DEJ 50-10-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 | 4DEF 2.5TDI-1A |
| Brand | Defender |
| Number of cylind | 4 |
| Type | Turbo with Cooling |
| Max power | 82 kw |
| Aux power | 57 kw |
| Speed | 3000 Rpm |
| Bore x Stroke | 90 x 105 mm |
| Cap oil | 12 L |
| Injection type | Mechanical |
| Displacemant | 2.585 L |
| Weight | +/- 625 kg |

Head Pump

| | |
|----------------------|------------------------------|
| Model | 100 x 65 FSKA |
| Brand | Ebara |
| Inlet & outlet Power | 4 x 2.5 Inch |
| Power | 55 kw |
| pump 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 100 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 65 FSKA
- Auxiliary Pump Power: 55 KW
- Electrical Motor Brand: Defender
- Motor Type: DEF 250M1-2
- Power: 55KW / 75 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 250M1-2 |
| Brand | Defender |
| Capacity | 500 - 100 |
| Phase - Frequency | 3 Phase - 50 Hz |
| Speed | 3000 |
| Voltage | 380 |
| Power | 55 kw - 75 Hp |
| Weigth | 300 |

Head Pump

| | |
|----------------|------------------------------|
| Model | 100 x 65 FSKA |
| Brand | Ebara |
| Inlet & outlet | 4 x 2.5 Inch |
| Power | 55 kw |
| pump 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 |
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