



Smart solutions.
Strong relationships.

Fire Fighting Pumps



Fire Fighting Pumps

Operating Features

- Capacity Up to 350 m³/hr
- Head Up to 88 meters
- Temperature - Up to 70° C
- Delivery sizes 32 to 150 mm
- Casing Pressure Up to 16 Kg/cm².
- Flanges in accordance with DIN2533 PN16
- Horizontal Back Pull Out Design for easy inspection and maintenance
- Engineered Enclosed Impellers for smooth and efficient operation
- Robust Bearing housing
- Deep groove ball bearing for longer operating hours & bearing life

- Shaft designed for higher loads, minimizes deflection, reduces wear & tear
- Stainless Steel sleeve to protect the shaft
- Available in various MOC combinations to perform reliably in variety of services/applications
- Available in 34 sizes, comprises of broad hydraulic capabilities to meet various applications
- Direction of rotation – Clockwise viewed from Driving End
- Casing – Volute type End Suction with top discharge, supporting feet are cast integral with the Casing
- Lubrication – Standard lubrication is oil. Grease lubrication can be offered against requirement.

Performance Range Jockey Pumps (Multistage Pumps)

| SR. NO. | MODEL | PIPE SIZE SUC X DEL (MM) | KW/HP | RPM (SYN) | HEAD (METERS) | DISCHARGE RANGE (M3/Hr) |
|---------|---------------|--------------------------|---------|-----------|---------------|-------------------------|
| 1 | CGVM8/5.00-12 | 37 x 37 | 3.7/5.0 | 3000 | 70 | 10.8 |
| 2 | CGVM8/5.00-12 | 37 x 37 | 3.7/5.0 | 3000 | 80 | 10.8 |
| 3 | CGVM8/7.50-16 | 37 x 37 | 5.5/7.5 | 3000 | 90 | 10.8 |
| 4 | CGVM8/4.0-8 | 37 x 37 | 3.0/4.0 | 3000 | 48 | 10.8 |
| 6 | CGVM8/5.00-12 | 37 x 37 | 3.7/5.0 | 3000 | 56 | 10.8 |

Applications :

1. Hospitals, Multiplex and High rise Apartments.
2. Godowns and Warehouses.
3. Fire prone Manufacturing Industries.
4. Petroleum Industries, Refineries.
5. Hotels & Commercial Complex
6. Ports & Shipyards.

Advantages of CG Fire Fighting Pumps:

1. One stop solution as the motor driven pumpset is coupled with Crompton Motor.
2. Reliable solution as the complete coupled set is supplied.
3. MS Angle Baseplate giving Sturdiness to the set
4. Excise gatepass can be issued .

Availbale MOCs in Gland Packing

| MOC Code | Volute | Impeller | Shaft | Stuffing box | Sleeve | Wearing ring |
|----------|--------|----------|-------|--------------|--------|--------------|
| Z1 | CI | CI | EN8 | Pack Gland | SS410 | CI |
| Z2 | CI | BR | EN8 | Pack Gland | SS410 | BR |
| Z3 | CI | BR | SS410 | Pack Gland | SS410 | BR |

Fire Fighting Pumps

CZ PUMP SELECTION - FOR FIRE FIGHTING APPLICATION

| SR. NO. | CAPACITY m3/hr (LPM) | HEAD (meter) | PUMP MODEL | SUCTION X DISCHARGE SIZE (mm) | SPEED (rpm) | RECOMMENDED MOTOR RATING (kW) | RECOMMENDED ENGINE RATING (HP) | TYPE OF PRIME MOVER |
|---------|----------------------|--------------|------------|-------------------------------|-------------|-------------------------------|--------------------------------|---------------------|
| 1 | 45 (750) | 48 | CZ 50-200 | 65 X50 | 2900 | 15 | - | Motor Driven |
| | | | CZ 65-320 | 80X65 | 1800 | - | 18 | Engine Driven |
| 2 | 68 (1133) | 55 | CZ 80-320 | 100X80 | 1800 | - | 30 | Engine Driven |
| | | | CZ 65-200 | 80X65 | 2900 | 22 | - | Motor Driven |
| | | 68 | CZ 65-320 | 80X65 | 2150 | - | 43 | Engine Driven |
| | | | CZ 65-260 | 80X65 | 2900 | 30 | - | Motor Driven |
| | | 80 | CZ 65-320 | 80X65 | 2150 | - | 43 | Engine Driven |
| | | | CZ 65-260 | 80X65 | 2900 | 37 | - | Motor Driven |
| 90 | CZ 100-400 | 125x100 | 1800 | - | 58 | Engine Driven | | |
| | CZ 65-260 | 80X65 | 2900 | 37 | - | Motor Driven | | |
| 3 | 91 (1517) | 42 | CZ 80-320 | 100X80 | 1800 | - | 30 | Engine Driven |
| | | | CZ 80-200 | 100X80 | 2900 | 22 | - | Motor Driven |
| | | 59 | CZ 80-400 | 125X80 | 1800 | - | 43 | Engine Driven |
| | | | CZ 65-200 | 80X65 | 2900 | 30 | - | Motor Driven |
| | | 73 | CZ 80-320 | 100X80 | 2150 | - | 58 | Engine Driven |
| | | | CZ 65-260 | 80X65 | 2900 | 37 | - | Motor Driven |
| 79 | CZ 100-400 | 125X100 | 1800 | - | 58 | Engine Driven | | |
| | CZ 65-260 | 80X65 | 2900 | 45 | - | Motor Driven | | |
| 4 | 97 (1620) | 56 | CZ 80-400 | 125X80 | 1800 | - | 43 | Engine Driven |
| | | | CZ 65-200 | 80X65 | 2900 | 30 | - | Motor Driven |
| | | 70 | CZ 80-400 | 125X80 | 1800 | - | 58 | Engine Driven |
| | | | CZ 80-260 | 100X80 | 2900 | 37 | - | Motor Driven |
| 5 | 102 (1700) | 47 | CZ 80-320 | 100 X80 | 1800 | - | 43 | Engine Driven |
| | | | CZ 80-200 | 100X80 | 2900 | 30 | - | Motor Driven |
| | | 60 | CZ 80-400 | 125X80 | 1800 | - | 58 | Engine Driven |
| | | | CZ 80-200 | 100X80 | 2900 | 37 | - | Motor Driven |
| | | 78 | CZ 80-400 | 125X 80 | 1800 | - | 58 | Engine Driven |
| | CZ 80-260 | 100X80 | 2900 | 45 | - | Motor Driven | | |
| 6 | 114 (1900) | 59 | CZ 80-400 | 125X80 | 1800 | - | 58 | Engine Driven |
| | | | CZ 80-200 | 100X80 | 2900 | 37 | - | Motor Driven |
| 7 | 137 (2280) | 70 | CZ 80-400 | 125X80 | 1800 | - | 65 | Engine Driven |
| | | | CZ 100-260 | 125X100 | 2900 | 55 | - | Motor Driven |
| 8 | 171(2850) | 70 | CZ 125-400 | 150X125 | 1800 | - | 82 | Engine Driven |
| | | | CZ 100-260 | 125X100 | 2900 | 55 | - | Motor Driven |
| | | 88 | CZ 125-400 | 150X125 | 1800 | - | 127 | Engine Driven |
| | | | CZ 100-260 | 125X100 | 2900 | 90 | - | Motor Driven |
| 9 | 227(3783) | 79 | CZ 125-400 | 150X125 | 1800 | - | 127 | Engine Driven |
| | | | CZ 100-260 | 125X100 | 2900 | 90 | - | Motor Driven |
| 10 | 340 (5667) | 71 | CZ 150-500 | 250X150 | 1450 | 110 | - | Motor Driven |
| | | | CZ 150-400 | 200X150 | 1800 | - | 155 | Engine Driven |

"As the design & manufacture of Crompton Greaves equipments are subject to constant improvement, the product supplied may differ in some details from specifications & illustrations given"



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