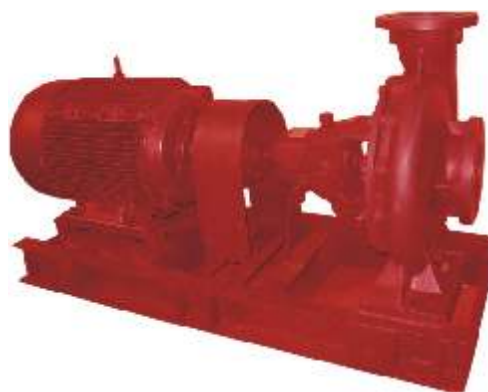




Smart solutions.
Strong relationships.

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

* Monobloc Pumps are available for booster application.

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 m ³ /hr (LPM)	HEAD (meter)	PUMP MODEL	SUCTION X DISCHARGE SIZE (mm)	SPEED (rpm)	RECOMME- NDED MOTOR RATING (kW)	RECOMME- NDED 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"

Crompton Greaves Limited

M5 PUMPS DIVISION

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