MCA SERIES

SELF PRIMING-CENTRIFUGAL

APPLICATION

Public utilities :

- For pumping muddy water, sewage, polluted liquids, solid and in swimming pool.
- Dewatering Basements, Trenches, Construction sites.
- Onboard shift, as bilge, for desk wash & engine cooling.

Industrial :

- Petroleum product, Ceramic product Chemicals, Thermal plants etc.
- Tiles & Marble factories, effluent plants.

Marine Works :

- Handling liquids from docs, ports and vessels etc.

Salvage Operations :

- Fire fighting.

Mobile Machinery :

- Cooing water for marine engines & shovels.
- Any application where priming is to be avoided.

CONSTRUCTIVE FEATURES

2.1 Maximum fluid temperature

Standard version : 90° C
Special requirement : 130° C

2.2 Mechanical Seal

Standard Version : 90° C
Special requirement : 130° C

2.3 Rotating sense seen from the motor

Standard Version : Clockwise
Special requirement : Anticlockwise

2.4 Rotating speeds

1450, 2900 r.p.m., for 50 Hz
1750, 3500 r.p.m., for 60 Hz

2.5 Driving

- By electric motors,
- Pulley and V-belt,
- Hydraulic Motor,
- Mechanical or electromagnetic clutch,
- And by the diesel or petrol engines.

2.6 Application

Due to its versatility, it can be applied in many different applications as bilge, circulation, ballast, fire fighting, sewage waters extraction, harbour service and all services in general with moody waters or were there are obstruction dangers.

malhar pumps

CREATIVE ENGINEERS

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MCA SERIES

PERFORMANCE

PERFORMANCE - LPS

MODEL	MOTOR		RPM	TOTAL HEAD IN MTR.										
	KW	HP		8	10	12	14	15	16	18	19	20	22	24
				DISCHARGE IN LPS										
MCA-40	1.1	1.5	2850	4.3	3.7	2.7	1.8	1.3	0.8					
MCA-50	1.5	2	2850	6.7	6.0	5.2	4.3	3.9	3.4	2.5	1.9	1.3	0.5	
MCA-50/3	2.2	3	2850	6.2	6.0	5.6	5.0	4.8	4.3	3.7	3.3	2.8	1.9	1.1

PERFORMANCE - m hr

MODEL	MOTOR		RPM	TOTAL HEAD IN MTR.										
	KW	HP		8	10	12	14	15	16	18	19	20	22	24
				DISCHARGE IN m										
MCA-40	1.1	1.5	2850	15.6	13.2	9.6	6.6	4.8	3.0					
MCA-50	1.5	2.0	2850	24.0	21.6	18.6	15.6	14.1	12.3	9.0	6.9	4.8	1.8	
MCA-50/3	2.2	3.0	2850	22.2	21.6	20.1	18.0	17.1	15.6	13.2	12.0	10.2	6.9	3.9