# **CREATIVE ENGINEERS**



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## **"MFIG" SERIES**

## ABOUT

## **FUEL INJECTION GEAR PUMP**

- A Range of high quality positive displacement gear pumps for fuel injection in industrial burners.
- •These pumps provide fuel at finely controlled pressure and flow rates for optimum combustion resulting in long term fuel saving and reduced pollution.
- •The perfectly designed and perfectly finished which having lost wax method known as investment casting & having grade 30c Iron and stainless steel
- •40 % Weight reduce compared to regular model
- •Standard mounting & easy to install.

## **APPLICATION**

- •Oil Burner, Boilers, Hydraulic drive and Pressure pump
- •Force feed lubrication
- •Booster pump for heavy diesel engineers
- •Pumping for filtration
- •Bitumen tank burner
- •Dryer burner of hot mix plant
- •Most suitable for LSHS furnace oil, L.D.O. HSD

## FEATURES

- •Manufactured from specially selected material & processed to close to lerances for a long, trouble free working life.
- •Gear & shaft of alloy steel & heart treated.
- •Mechanical dynamic oil seal system for high temperature & high speed use, for zero leakage.
- •Self lubrications, Self priming
- •Built in pressure valve
- •Standard mounting dimensions for easy replacement

## PUMP PERFORMANCE TABLE

PUMP MODEL	SUC X DEL SIZES	CAPACITY IN LPH	PRESSURE IN Kg/Cm <sup>2</sup>	RPM	RECOMMENDED HP	
					3 Kg/Cm <sup>2</sup>	30 Kg/Cm <sup>2</sup>
MFIG-A30	3/8" X 3/8"	30	0-30	1440	0.25	1.0
MFIG-A60	3/8" X 3/8"	60	0-30	1440	0.25	1.0
MFIG-A90	3/8" X 3/8"	90	0-30	1440	0.25	1.0
MFIG-B150	1⁄2" X 1⁄2"	150	0-30	1440	0.25	1.8
MFIG-B150X2	1⁄2" X 1⁄2"	300	0-30	2880	0.25	1.5
MFIG-B300	1⁄2" X 1⁄2"	300	0-30	1440	0.25	1.5
MFIG-B450	1⁄2" X 1⁄2"	450	0-30	1440	0.25	1.5
MFIG-B600	1⁄2" X 1⁄2"	600	0-30	1440	0.25	2.0
MFIG-C1000	¾" X ¾"	1000	0-30		0.75	3.0
MFIG-C1500	¾" X ¾"	1500	0-30		0.75	3.0
MFIG-C2000	3⁄4" X 3⁄4"	2000	0-30		0.75	5.0
MFIG-C2500	3⁄4" X 3⁄4"	250	0-30		0.75	5.0
MFIG-D3000	1" X 1"	300	0-30		1.5	7.5
MFIG-D4000	1" X 1"	4000	0-30		3	12.5
MFIG-E6000	1 ½" X 1 ½"	6000	0-30		3	15.0
	MODEL MFIG-A30 MFIG-A90 MFIG-B1502 MFIG-B15022 MFIG-B15022 MFIG-B450 MFIG-B450 MFIG-C1500 MFIG-C1500 MFIG-C2500 MFIG-C2500 MFIG-D3000	MODEL SIZES   MFIG-A30 3/8" X 3/8"   MFIG-A60 3/8" X 3/8"   MFIG-A90 3/8" X 3/8"   MFIG-B150 ½" X ½"   MFIG-B150X2 ½" X ½"   MFIG-B150X2 ½" X ½"   MFIG-B150X2 ½" X ½"   MFIG-B450 ½" X ½"   MFIG-B450 ½" X ½"   MFIG-B450 ½" X ½"   MFIG-C1000 ¼" X ½"   MFIG-C1500 ¼" X ½"   MFIG-C2500 ¼" X ½"   MFIG-C2500 ¼" X ½"   MFIG-D3000 1" X 1"   MFIG-D4000 1" X 1"	MODEL SIZES IN LPH   MFIG-A30 3/8" X 3/8" 30   MFIG-A60 3/8" X 3/8" 60   MFIG-B400 3/8" X 3/8" 90   MFIG-B150 3/8" X 3/8" 90   MFIG-B150 ½" X ½" 150   MFIG-B150X2 ½" X ½" 300   MFIG-B450 ½" X ½" 300   MFIG-B450 ½" X ½" 600   MFIG-B450 ½" X ½" 1000   MFIG-C1000 ½" X ½" 1000   MFIG-C2500 ½" X ½" 2000   MFIG-C2500 ½" X ½" 2000   MFIG-C2500 ½" X ½" 300   MFIG-C2500 ½" X ½" 2000   MFIG-D3000 1" X 1" 300	MODEL SIZES IN LPH IN Kg/Cm <sup>2</sup> MFIG-A30 3/8" X 3/8" 30 0-30   MFIG-A60 3/8" X 3/8" 60 0-30   MFIG-A90 3/8" X 3/8" 90 0-30   MFIG-B150 ½" X ½" 150 0-30   MFIG-B1502 ½" X ½" 300 0-30   MFIG-B4503 ½" X ½" 300 0-30   MFIG-B4504 ½" X ½" 300 0-30   MFIG-B4505 ½" X ½" 300 0-30   MFIG-B4505 ½" X ½" 600 0-30   MFIG-B4505 ½" X ½" 600 0-30   MFIG-C1000 ½" X ½" 1000 0-30   MFIG-C2000 ½" X ½" 1000 0-30   MFIG-C2000 ½" X ½" 2000 0-30   MFIG-C2500 ½" X ½" 2000 0-30   MFIG-D3000 1" X 1" 300 0-30   MFIG-D4000 1" X 1" 4000 0-30	MODEL SIZES IA IA Kg/Cm <sup>2</sup> IA   MFIG-A30 3/8" X 3/8" 30 0-30 1440   MFIG-A60 3/8" X 3/8" 60 0-30 1440   MFIG-A90 3/8" X 3/8" 90 0-30 1440   MFIG-B100 3/8" X 3/8" 90 0-30 1440   MFIG-B150X ½" X ½" 150 0-30 1440   MFIG-B150X2 ½" X ½" 300 0-30 2880   MFIG-B150X2 ½" X ½" 300 0-30 1440   MFIG-B500 ½" X ½" 450 0-30 1440   MFIG-B450 ½" X ½" 600 0-30 1440   MFIG-B450 ½" X ½" 600 0-30 1440   MFIG-C1000 ¼" X ½" 1000 0-30 1440   MFIG-C2000 ¼" X ½" 1000 0-30 1440   MFIG-C2500 ¼" X ½" 2000 0-30 1440   MFIG-C2500 ¼" X ½" 2000 0-30	MODEL SiZES IN LPH IN Kg/Cm <sup>2</sup> IAM Kg/Cm <sup>2</sup> IAM 3 Kg/Cm <sup>2</sup> MFIG-A30 3/8" X 3/8" 30 0-30 1440 0.25   MFIG-A60 3/8" X 3/8" 60 0-30 1440 0.25   MFIG-A90 3/8" X 3/8" 90 0-30 1440 0.25   MFIG-B100 3/8" X 3/8" 90 0-30 1440 0.25   MFIG-B1502 ½" X ½" 150 0-30 1440 0.25   MFIG-B150X2 ½" X ½" 300 0-30 1440 0.25   MFIG-B300 ½" X ½" 300 0-30 1440 0.25   MFIG-B450 ½" X ½" 450 0-30 1440 0.25   MFIG-B450 ½" X ½" 600 0-30 1440 0.25   MFIG-B450 ½" X ½" 600 0-30 1440 0.25   MFIG-B450 ½" X ½" 1000 0-30 1440 0.25   MFIG-C1000 ¼" X ½" 1000 0-30







#### Video Link : https://www.youtube.com/watch?v=tF7NKRzjwR8

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