

ROTODYNE

TYPE
FIG

FOR TRANSFER OF OILS & VISCOUS LIQUIDS

FUEL INJECTION INTERNAL GEAR PUMPS



APPLICATIONS:

- BOILERS, OIL BURNER, HYDRAULIC DRIVE
- PRESSURE AND TRANSFER PUMP
- BOOSTER PUMP FOR DIESEL LOCOMOTIVE
- PUMP FOR FORCE FEED LUBRICATION
- PUMP FOR GAS OIL MEDIUM, HEAVY OIL
- FILTER PUMPING
- PUMP FOR PHF UNITS
- PUMP FOR LUBRICATION OIL & HYDRAULIC OIL
- PUMP SUITABLE FOR LDO, FO, HSD & LSHS

DESIGN FEATURES:

- POSITIVE DISPLACEMENT
- INTERNAL LUBRICATION SYSTEM
- AVAILABLE WITH OR WITHOUT BUILT-IN PRESSURE RELIEF VALVE & EXTERNAL BYPASS
- MECH. SHAFT SEAL FOR PREVENTING LEAKAGE.
- SELF-INDUCING
- FOR NON-CORROSIVE, NON ABRASIVE LIQUIDS
- DIRECTION OF ROTATION CLOCKWISE = R
- ANTI CLOCKWISE = L
(LOOKING FROM SHAFT END)



ROTODYNE PUMPS & SYSTEMS (AHMEDABAD, INDIA).

TYPE
FIG

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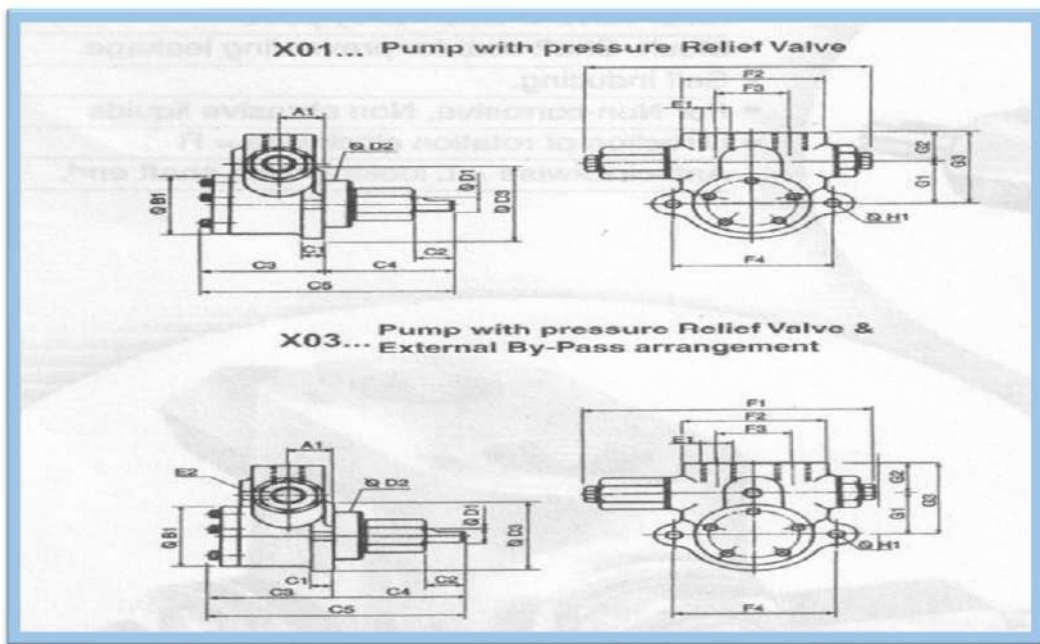
FUEL INJECTION INTERNAL GEAR PUMPS

PUMP MODEL & GROUP	SUC. & DEL.	CAPACITY (LPH)		PRESSURE KG / CM2	RECOMMENDED HP	
		1440 RPM	2880 RPM		3 KG/CM2	30 KG/CM2
FIGA-150	1/2" X 1/2"	150	300	0.30	0.25 HP	1.5 HP
FIGA-300	1/2" X 1/2"	300	600	0.30	0.25 HP	1.5 HP
FIGA-450	1/2" X 1/2"	450	900	0.30	0.25 HP	1.5 HP
FIGA-600	1/2" X 1/2"	600	-	0.30	0.25 HP	2.0 HP
FIGB-1000	3/4" X 3/4"	1000	-	0.30	0.75 HP	3.0 HP
FIGB-1500	3/4" X 3/4"	1500	-	0.30	0.75 HP	3.0 HP
FIGB-2000	3/4" X 3/4"	2000	-	0.30	0.75 HP	5.0 HP
FIGB-2500	3/4" X 3/4"	2500	-	0.30	0.75 HP	5.0 HP

- NORMAL FLOW AT 1440 RPM OR 2880 RPM WITH OIL VISCOSITY 32 CST. AT 37.5 DEG. C AT NORMAL WORKING TEMPERATURE AND 10 KG/CM2 PRESSURE.
- MINIMUM VISCOSITY 10 CST.
- MAXIMUM VISCOSITY 450 CST.
- MAXIMUM LIQUID TEMPERATURE 100 DEG. C.
- MAXIMUM VACUUM 600/650 MM HG.
- CAPACITY / RANGE (150 / 2500 LPH MAXIMUM HEAD OF 30 KG/CM2).
- THE PRESSURE AND FLOW INDICATIONS ARE TO BE CONSIDERED AS BASIC VALUE THEY CHANGE WITH DIFFERENT PIPE DIAMETER, LENGTH OR OIL VISCOSITY.

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PUMP MODEL	CAPACITY (LPH)		A1	ØB1	C1	C2	C3	C4	C5	ØD1	ØD2	ØD3	BSP E1	BSP E2	BSP E3	F1	F2	F3	F4	G1	G2	G3	ØH1
	1440 RPM	2880 RPM																					
FIGA-X01	150 - 600	300 - 900	26	72	15	23	72	76	148	12	54	85	1/2	-	-	160	90	44	92.5	49	31	80	10.5
FIGA-X02	150 - 600	300 - 900	26	72	15	23	72	76	148	12	54	85	1/2	-	-	-	90	44	92.5	-	-	43	10.5
FIGA-X03	150 - 600	300 - 900	26	72	15	23	72	76	148	12	54	85	1/2	1/4	-	160	90	44	92.5	49	31	80	10.5
FIGB-X01	1000 - 2500	-	39	96	16	27	88	125	214	18	60	105	3/4	-	-	175	118	67	120	55	35	90	13
FIGB-X02	1000 - 2500	-	39	96	16	27	88	125	214	18	60	105	3/4	-	-	-	118	67	120	-	-	66	13
FIGB-X03	1000 - 2500	-	39	96	16	27	88	125	214	18	60	105	3/4	3/8	-	175	118	67	120	55	35	90	13



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