



*One Solution
for all Industries*

JRG SERIES

External Gear Pump



SHIVAM ENTERPRISE

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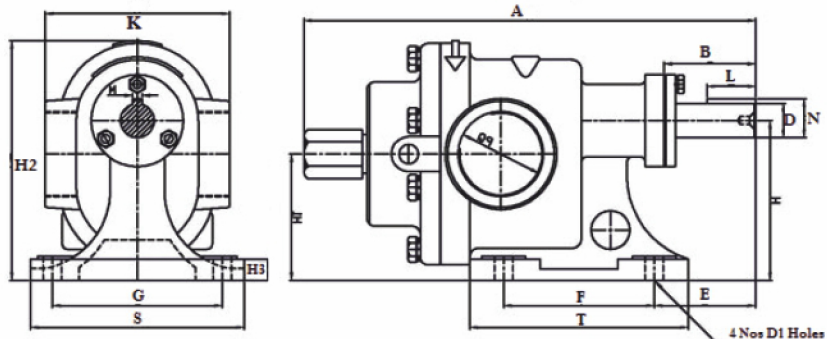
ADVANCED TECHNOLOGY FOR PUMPING VISCOUS LIQUID



Under brand name of "JIKSAN" our "JRG" Series Positive displacement external Rotary Gear Pumps are most efficient and economic range with variety of materials, which has special features and easy to maintain. The pumps are ideal for handling of Oils and Viscous liquids like all kinds of fuel Oils, Mineral oil, Lubricating Oils, Fish & animal Oils, Vegetable Oils, Tar, Asphalt, Sugar Syrups, Molasses, Starch, Inks, Paints, Color, varnishes And Viscous Chemicals Etc.

PERFORMANCE TABLE (JRG series)

PUMP MODEL	Suction & Delivery (Screw End)	Capacity At 1440 rpm			Recommended Motor BHP At Differential Pressure / Head Kg/Cm² With 1500 SSU Viscosity											Wt. Of Bare Pump In Kg. (Approx.)
		LPM	US GPM	M³/ HR	kg/ cm²	1	2	3	4	5	6	7	8	9	10	
					Meter	10	20	30	40	50	60	70	80	90	100	
JRG - 50	½" x ½"	20	5.3	1.2	KW	0.30	0.35	0.40	0.45	0.50	0.55	0.60	0.65	0.70	0.75	2.6
					HP	0.5			0.75			1.0				
JRG - 75	¾" x ¾"	30	7.92	1.8	KW	0.37	0.45	0.54	0.62	0.69	0.77	0.85	0.92	1.01	1.09	4.6
					HP	0.75			1.0			1.5				
JRG - 100	1" x 1"	50	13.2	3.0	KW	0.40	0.50	0.60	0.75	0.89	1.04	1.17	1.3	1.46	1.59	6.0
					HP	1.0			1.5			2.0				
JRG - 125	1 ¼" x 1 ¼"	75	19.8	4.5	KW	0.7	1.0	1.2	1.4	1.5	1.9	1.95	2.15	2.35	2.55	7.6
					HP	1.5			2.0			3.0				
JRG - 150	1½" x 1 ½"	110	29.0	6.6	KW	1.05	1.45	1.95	2.10	2.40	2.65	2.95	3.25	3.60	3.75	10.5
					HP	2.0			3.0			5.0				
JRG - 200	2" x 2"	225	59.4	13.5	KW	2.0	2.5	3.2	3.75	4.3	4.45	5.6	6.2	6.9	7.11	19.0
					HP	3.0			5.0			7.5				
JRG - 250	2 ½" x 2 ½"	350	92.4	21.0	KW	4.15	5.2	6.1	7.3	8.2	9.1	10.3	11.2	12.1	12.25	31.0
					HP	5.0			10.0			12.5				
JRG - 300	3" x 3"	500	131.6	30.0	KW	4.5	6.6	8.4	9.9	11.1	12.1	13.0	13.9	14.9	15.9	38.5
					HP	10			15			20				



MATERIAL OF CONSTRUCTION STANDARD/(OPTIONAL)

Pump Body : IS 210 FG220 C.I. GRADED / (M.S., S.S., BRONZE)
 Front Cover : C.I. GRADED / (EN-24,36,S.S.)
 Back Cover : C.I. GRADED / (EN-24,36,S.S.)
 Seal : NEOPRENE / (TEFLON,MECH,VITON)
 Gears : EN-8 HELICAL / (EN-24,36,S.S.)
 Shaft : EN-19 / (EN-24,36,S.S.)
 Bush Bearing : BRONZE / (PTFE)
 Mounting Bracket : C.I. Gr-20 IS 210
 Pressure Relief Valve will be provided in all Models.

MODEL	A	B	E	F	G	S	T	H	H1	H2	H3	L	M	N	ØD	ØD1	K	PQ
JRG - 50	172	46	51	40	70	90	70	63	50	90	6	22	4	13.5	12	8	70	½" BSP
JRG - 75	216	54	63.5	45	85	110	80	80	66	115	8	25	5	16.0	14	10	90	¾" BSP
JRG - 100	236	64	64.5	50	93	125	95	90	73	128	8	27.5	5	19.5	17	10	86	1" BSP
JRG - 125	266	70	65	60	105	140	110	100	79	140	10	32	6	22.5	20	12	100	1 ¼" BSP
JRG - 150	290	75	80	70	115	150	130	110	88	155	12	35	6	24.5	22	12	108	1 ½" BSP
JRG - 200	360	98	92	100	140	180	160	132	105	192	15	40	8	28	25	15	142	2" BSP
JRG - 250	420	110	110	120	155	200	185	145	114	215	18	45	8	31	28	15	160	2 ½" BSP
JRG - 300	457	100	105	155	175	220	225	165	130.5	241	20	50	10	35	32	15	190	3" BSP

Note : All dimensions are in millimeters. Unless otherwise stated specification are subject to change without prior notice as improvements are made from time to time.

**SHIVAM
ENTERPRISE**

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