



K.I-HS STAINLESS STEEL ROTARY GEAR PUMP- SS GEAR PUMP MANUFACTURER



KIRIT INDUSTRIES OFFER "K.I" brand gear pump model "K.I-HS" (SS Rotary Gear pump, stainless steel Gear pump) which is a self-priming pump, foot mounting type positive displacement rotary gear pump. Model "K.I-HS" having all stainless steel (SS-316) in three piece construction with investment cast. Due to three piece construction, it can be easily cleanable and maintainable that is why it is highly used in all kind of food industries. The shaft is supported on self-lubricating type Bronze Bushes and the sealing is done with PTFE gland or viton oil seal or mech. Seal which ensures zero leakage. The right angle mounting brackets facilitates foot mounting of the pump on base plate with Electric motor of appropriate ratings. These pumps have sturdy design and construction for long trouble free service.

The suction and delivery connection are available in $\frac{1}{2}$ " x $\frac{1}{2}$ " to $2\frac{1}{2}$ " x $2\frac{1}{2}$ " size. These pumps can be operated up to pressure of 10 KG/cm² with 5 LPM to 350 LPM flow capacity and has suction of 1m to 5m at rated speed of 1440 RPM. These pumps are designed up to maximum viscosity to 1,00,000 SSU and maximum temperature up to 200° C.

K.I-HS Rotary Gear Pump Material Of Construction

K.I-HS Rotary Gear Pump Material Of Construction	
Pump Body	CF-8M (SS316)
Covers	CF-8M (SS316)
Gland Cover	CF-8M (SS316)
Gears	SS - 316 Single helical
Gasket	PTFE
Shaft	SS - 316
Bush bearings	Bronze
Shaft Seal	Viton oil Seal OR mech. Seal or PTFE gland
Mounting Brackets	Cast iron L-type
Key for Coupling	SS-304



PUMP TYPE	SUCTION & DELIVERY	CAPACITY @1440 rpm			Recommended Motor H.P At Different Pressure/ Head										
		LPM	US GPM	M3/HR	KG/ Cm2	1	2	3	4	5	6	7	8	9	10
					Height in FT	10	20	30	40	50	60	70	80	90	100
K.I-HS-50	½" x ½"	15	3.9	0.9	H.P	0.30		0.5			0.75				
K.I-HS-50 L	½" x ½"	25	6.5	1.5	H.P	0.5		0.75			1.0				
K.I-HS-100	1" x 1"	50	13	3	H.P	0.75		1.0			1.5				
K.I-HS-150	1 ½" x 1 ½"	80	20.8	4.8	H.P	2.0		2.5			5.0				
K.I-HS-150 L	1 ½" x 1 ½"	125	32.5	7.5	H.P	2.5		5.0			7.5				
K.I-HS-200	2" x 2"	150	39	9	H.P	5.0		7.5			10.0				
K.I-HS-200 L	2" x 2"	200	50	12	H.P	7.5		10.0			12.5				
K.I-HS-250	2 ½" x 2 ½"	350	92.4	21	H.P	10.0		12.5			15.0				

SS ROTARY GEAR PUMP FEATURES

- Construction is in three piece so its easily cleanable and easy to maintain.
- Bronze bush bearing for smooth operation.
- Self priming pump.
- Single helical gear design for low noise operation.
- Optionally available in double helical gear design.
- Bi-Direction positive displacement pump.
- Non- corrosive pump.

K.I-HS- ROTARY GEAR PUMP APPLICATION

- Food products like Ghee, Butter, Chocolate, vegetable sauce, Meat fat oil etc
- Pharmaceutical industries.
- Cosmetic industries.
- Dyes and resins.
- Chemical industries for corrosive semi- viscose chemical.
- Dyeing and printing house.
- Special chemical and acid industries.

KIRIT INDUSTRIES,

OPP. UNION CO. OPERATIVE BANK,
 NARODA GAM, AHMEDABAD,
 MAIL ID:- INFO@KIRITPUMPS.COM
 SALES #: +91-9712513388

