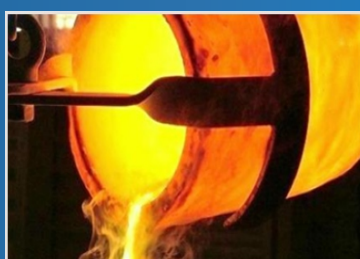


Since 1959

KIRIT INDUSTRIES



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Address: Nr. Giyanager Society, Opp. Union Co-Operative Bank, Naroda. Ahmedabad-382330, Gujarat, (INDIA).

(079) 2282 0417, (079) 2282 3126

info@kiritpumps.com

http://www.kiritpumps.com



Material Body	Cast Iron / S.S / Gun Metal / Brass
Material Inner Part	Cast Iron / S.S / Gun Metal / Brass
Shaft	Steel
Internal Thread	1½" to 3" Depending on Type
Flange	Depending On Type
Lit/min @ 100 RPM	45.4 to 147 Depending on type
Speed	100 To 500 RPM

APPLICATIONS:

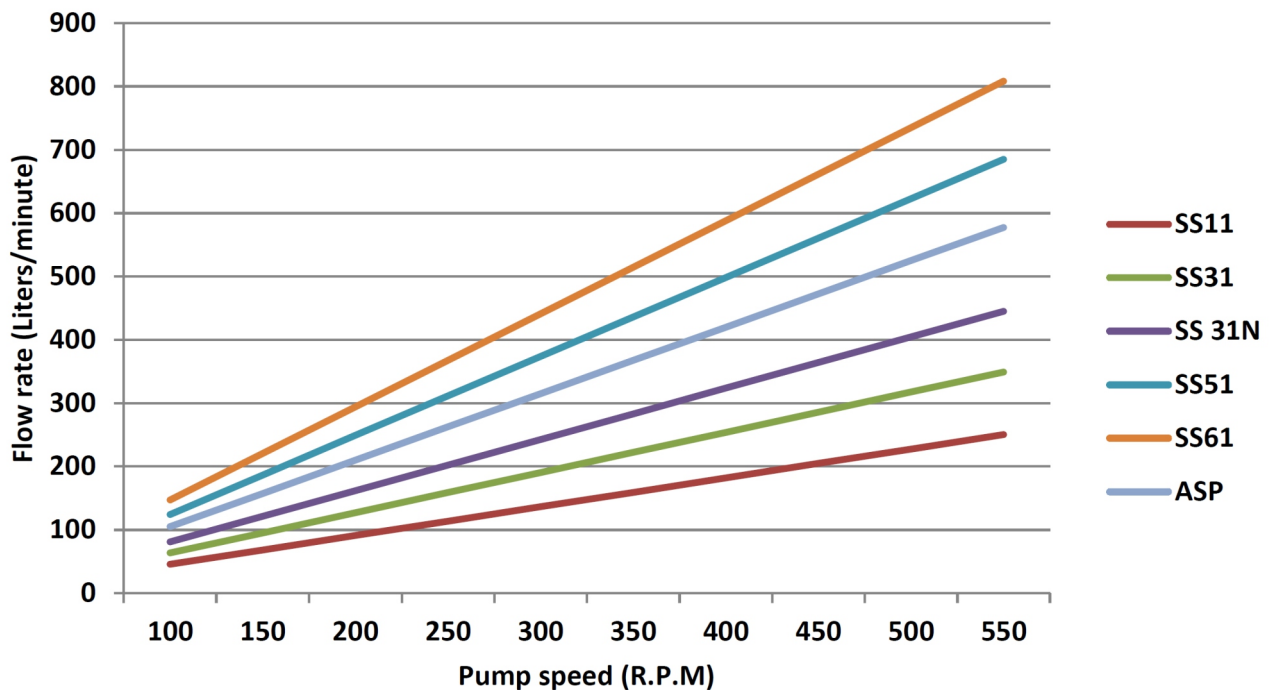
The "K.I" rotary gear pumps are widely used for loading and unloading or transferring of bitumen, tar, ldo, furnace oils, castor oils, vegetable oils, chemicals, molasses, color and paints, soaps, silicate of soda, starch, glue, honey, glycerine and many more other viscous materials from and to the trucks, tankers, other mobile vehicles and plant manufacturing above materials. It is also used in bitumen sprayer machines, road paver machines, sugar mills, rolling mills, foundries. etc.

Features:

- The "K.I" series Rotary Gear Pumps are specially design for all type of viscous liquids.
- K.I Special design optimize characteristic for mounting pump on tanker, trucks or any mobile vehicles for loading/Unloading.
- Design features easy installation & maintenance
- Wide range of flow rate according to the application
- Different mounting options for suction and delivery options.

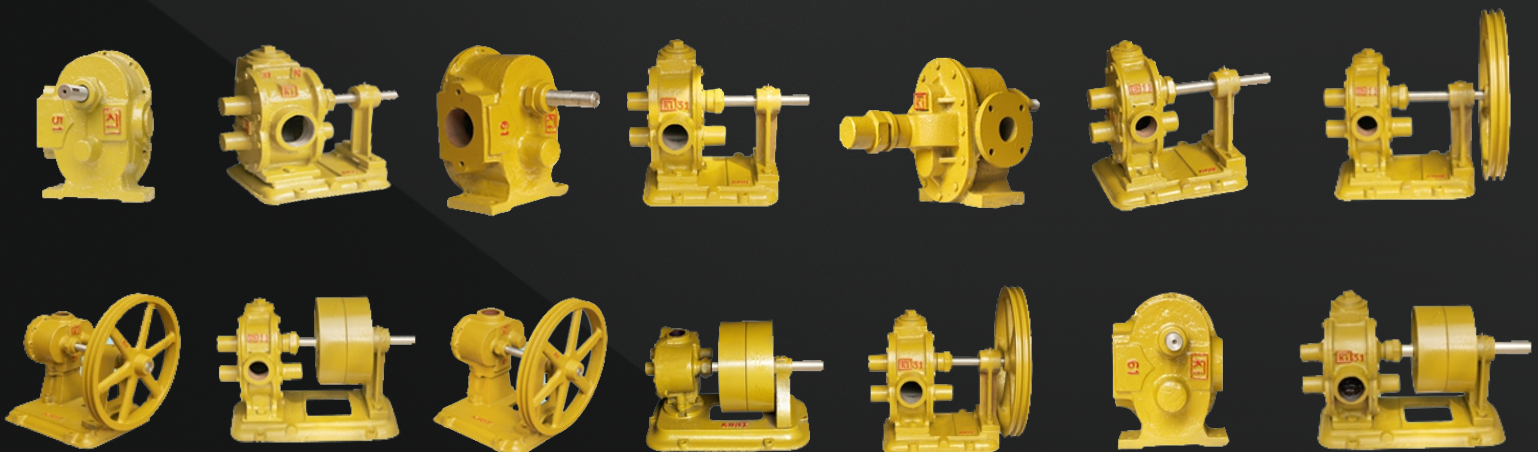


Theoretical Flow Capacity



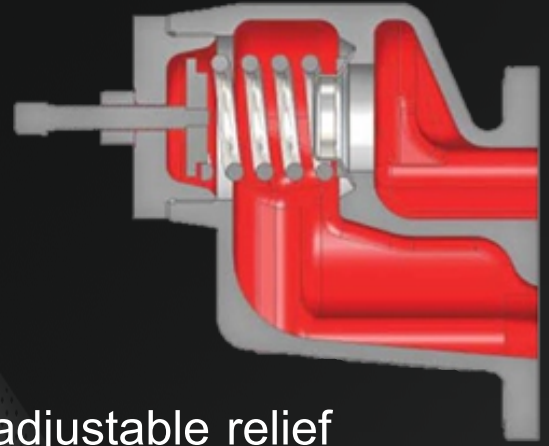
SPECIFICATION OF ROTARY GEAR PUMP

MODEL	Lit/Min @ 100RPM	SUCTION PIPE IN MM	DISCHARGE PIPE IN MM	PULLEYS			DISCHARGE HEAD IN FT.
				LF	I	V	
SSV 11	45.4	38	38	-		15x2 ³ / ₄	100
SSFL 11	45.4	38	38	8x2 ¹ / ₂		-	100
SS 11	45.4	38	38	-		-	100
SSV 31	63.5	50	50	-		15x2 ³ / ₄	100
SSLF 31	63.5	50	50	8x2 ¹ / ₂		-	100
SS 31	63.5	50	50	-		-	100
SSV 31 N	80.8	63	63	-		15x2 ³ / ₄	100
SS 31 N	80.8	63	63	-		-	100
SSV 51 / BSV 51	124.5	50	50	-		15x2 ³ / ₄	100
BSLF 51	124.5	50	50	12x3 ¹ / ₂		-	100
SS 51	124.5	50	50	-		-	100
SS 51 J	124.5	50	50	-		-	100
SS 51 J	124.5	63	63	-		-	100
SSV 61 / BSV 61	147	63	63	-		20x2 ³ / ₄	100
SS 61	147	63	63	-		-	100
SSV 61	147	76.2	76.2	-		20x2 ³ / ₄	100
SS 61	147	76.2	76.2	-		-	100
ASP	124.5	DN 50	DN 50	-		-	100
SS51N	124.5	63	63	-		-	100



SSV=Side Suction Pump with "V" Pulley; SSLF=Side Suction Pump With Loose & Fast Pulley; SS=Side Suction Pump Without Pulley; BSV=Bottom Suction Pump with "V" Pulley; ASP=Asphalt Sprayer Pump

RELIEF VALVE



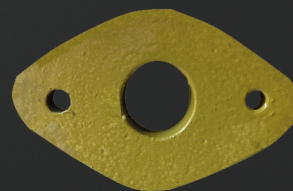
In the event of overpressure situations, our adjustable relief valve protects personnel and equipment by returning liquids to the suction side of the pump. Various spring sizes can be specified to handle a wide range of operating conditions.

Kirit Pump's inverted Poppet relief valve is designed without close fitting guides that can clog and cause excessive pressures when the valve does not open freely. The valve will provide protection in only one direction of rotation.

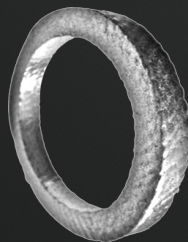
Our Available Sealing Options



Oil Seal



Seal Flange



Graphite Seal



Teflon Seal

Seals



KI JACKETED ROTARY GEAR PUMP

Kirit Industries' "KI" Jacketed Rotary Gear Pumps are specially design which suitable for liquids which solidify / crystallization in nature or become highly viscous at room temperature like Bitumen, Coal Tar, Asphalt, Wax, Grease, Furnace Oil, LSHS, HHS, HFO, Glucose, Soap Stock, High Viscosity oils, Adhesives, Resin, Ghee, Chocolate etc. Steam or Hot Oil / Hot Thermic Oil or Hot Water is circulated in the Jacket on the pump body to heat the liquid being pumped.

This model is specially designed for Bitumen. Model "51 Jacketed" having cast jacketed construction of pump casing and gear & shaft are firmly supported which ensures smooth running. The sealing is done with options of Oil Seal/Graphite/Teflon which can sustain high temperature up to 200°C.

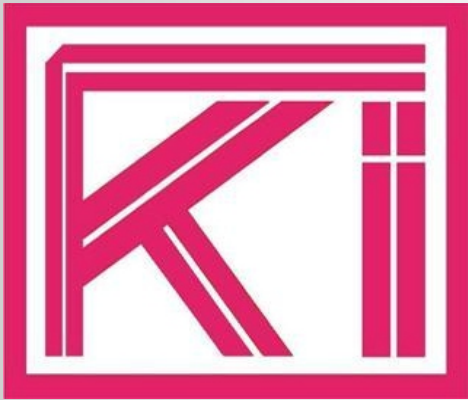
The pumps are available in size (2" & 2 1/2") with thread end connection at suction & delivery. A separate model with relief Valve is also be available. This pump is designed to run at 100 to 500 RPM.

Our Other Products



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