






ROTARY GEAR PUMP Series : HG







PROSERVE PUMPS offers Helical Gear Pump, HG Series. It is available in cast iron grade with single helical alloy steel gears and hardened and ground shafts. It has sturdy design and construction to give long and trouble free life and performance. Ultra bronze bush material ensures smoother running than conventional phosphorous bronze. It is available in sizes 1/2" to 3", capacity range of 20 to 500 LPM and can operate upto a max pressure of 10 kg/cm² and temperature up to 80°C.

Useful for Pumping & transfer of all Viscous Liquids, Oils & Petroleum Products.

DESIGN FEATURES :

-  Single Helical Gear Design.
-  Lower Noise.
-  Compact & Economical.
-  Easy Maintenance.
-  Optional High Temperature Version Upto 200°C.

APPLICATION :

-  Vegetable Oil Mills.
-  Refineries.
-  Ceramic Industries.
-  Pumping & Transfer of All Kind of Mineral Oils.

TECHNICAL SPECIFICATION (HG SERIES PUMPS) :

Model	SUC. X DEL. IN INCHES	CAPACITY		RECC. MOTOR H.P AT DIFFERENT PRESSURE OF 'X' KG/CM ² AT 325 CST VISCOSITY										WGHT OF BARE PUMP KG.
		LPM	M ³ /Hr	1	2	3	4	5	6	7	8	9	10	
HG - 050	1/2" X 1/2"	20	1.2	0.5				0.75						2.3
HG - 075	3/4" X 3/4"	30	1.8	0.5			0.75			1.0			4.5	
HG - 100	1" X 1"	50	3.0	0.5		0.75		1.0		1.5			6.2	
HG - 125	1 1/4" X 1 1/4"	75	4.5	1.0		1.5			2.0		3.0		8.5	
HG - 150	1 1/2" X 1 1/2"	110	6.6	1.0		1.5		2.0		3.0			10.0	
HG - 200	2" X 2"	225	13.5											18.0
HG - 250	2 1/2" X 2 1/2"	350	21	5.0		7.5		10.0			12.5			27.3
HG - 300	3" X 3"	500	30.0	10.0				12.5		15.0	20.0			38.5

PROSERVE
PUMPS & ENGINEERING
Manufacturer of Industrial Pumps & Spares

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