



- Available In Nine Size; From 1/4' to 3'
- Capacity From 5 to 500 LPM
- Maximum Working Pressure 12 kg/cm²
- Normal Working Temperature - 90°C
- Viscosity up to 10,000 CST
- Modified Version for High Temp. up to 250°C

☒ **Special Features**

Modified Profile Single Helical Gears Hardened & Ground Shafts Selt Lubricated Sintered Bronze Bush Bearing Effective Built in Pressure Relief Valve.

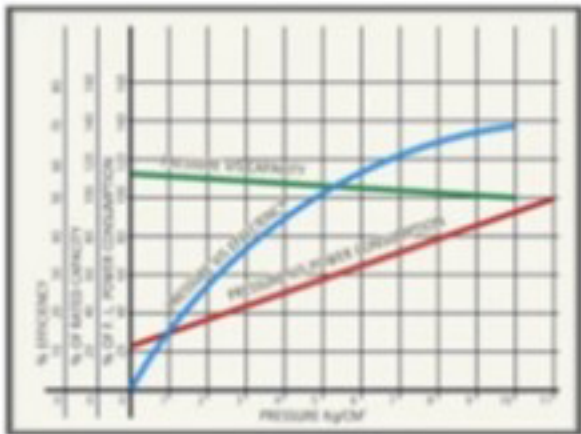
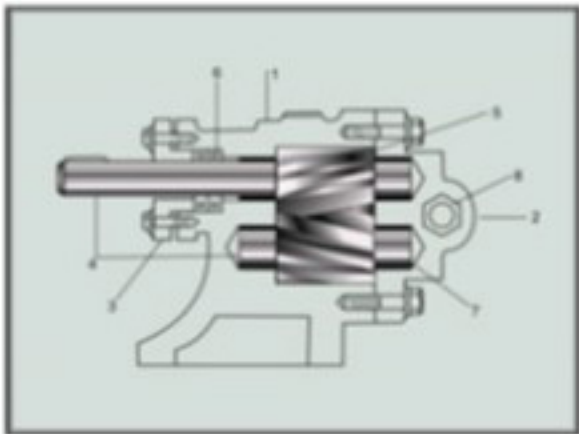
For Loading Unlading & Transfer of all Viscous & Semi Viscous Liquids , Oils & Petroleum Products.

Foot Mounted General Purpose Rotary Gear Pump In simple two Piece Coonstruction With Single Helical Modified profile alloy steel gears fitted on hardened Ground Shafts as Rotors Supporte on either side by four Nos. of self lubricated bronze bush bearing with inbuilt pressure relief valve.

☒ **Power Chart**

PUMP MODEL	INLET OUTLET SIZE	CAPACITY AT 1440 RPM			WEIGHT OF BARE SHAFT PUMP IN KG
		LPM	USGPM	M3/hr	
CG-025	1/4" x 1/4"	5	1.3	0.3	1.40
CG-050	1/2" x 1/2"	20	5.3	1.2	2.20
CG-075	3/4" x 3/4"	30	7.92	1.8	4.30
CG-100	1" x 1"	50	13.2	3.0	5.20
CG-125	1 1/4" x 1 1/4"	75	19.8	4.5	8.30
CG-150	1 1/2" x 1 1/2"	110	29	6.6	9.80
CG-200	2" x 2"	225	59.4	13.5	17.5
CG-250	2 1/2" x 2 1/2"	350	39.5	21.0	35.4
CG-300	3" x 3"	500	131.6	30	54.0

☒ **MATERIAL OF CONSTRUCTION**



Sr.NO	PART	MOC
1	CASING	CI GR. 20
2	R.V. COVER	CI GR. 20
3	GLAND COVER	CI GR. 20
4	SHAFTS	EN-9 H&G
5	GEARS	EN-9
6	SEALING	OIL SEAL
7	BEARING	BRONZE BUSH BEARING
8	PLUG	BRASS

☒ **DIMENSION**

PUMP MODEL	A	B	E	F	G	S	T	H	H1	H2	H3	L	M	N	QD	QD1	K	PQ
CG-025	118	21.5	22	35	60	78	60	54	43	78	6	18	4	11	9.5	7	60	1/4"BSP
CG-050	156	38	51	40	70	90	70	63	50	90	6	22	4	13.5	12	8	70	1/2"BSP
CG-75	193	44.5	63.5	45	85	110	95	80	66	115	8	25	5	16	14	10	80	3/4"BSP
CG-100	203	55	64.5	50	93	120	110	90	73	128	8	27	5	19	17	10	90	1"BSP
CG-125	240	60	65	60	105	140	130	100	79	140	10	32	6	22.5	20	12	100	1"BSP
CG-150	262	65	80	70	115	150	160	110	88	155	12	35	6	24.5	22	12	108	2"BSP
CG-200	322	84	92	100	140	180	160	132	105	192	15	40	8	28	25	15	142	3"BSP
CG-250	384	97	110	120	155	200	185	145	114	215	16	45	8	31	28	17	160	1 1/4"BSP
CG-300	437	108	120	140	180	235	205	160	120	235	20	50	8	33	30	17	170	1 1/2"BSP

