

EFFICIENT

ECONOMICAL

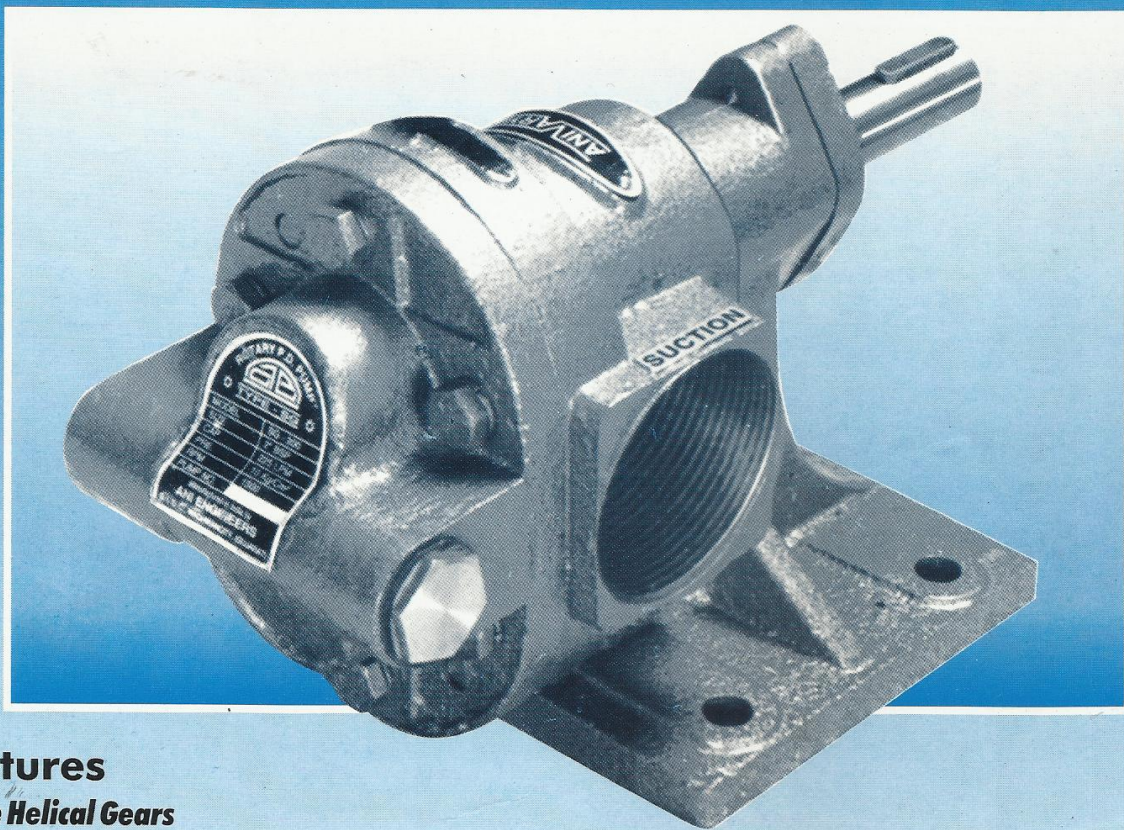
RELIABLE

**USEFUL FOR PUMPING & TRANSFER
OF ALL VISCOUS LIQUIDS, OILS, AND
PETROLEUM PRODUCTS**



ROTARY GEAR PUMP

TYPE SG



Features

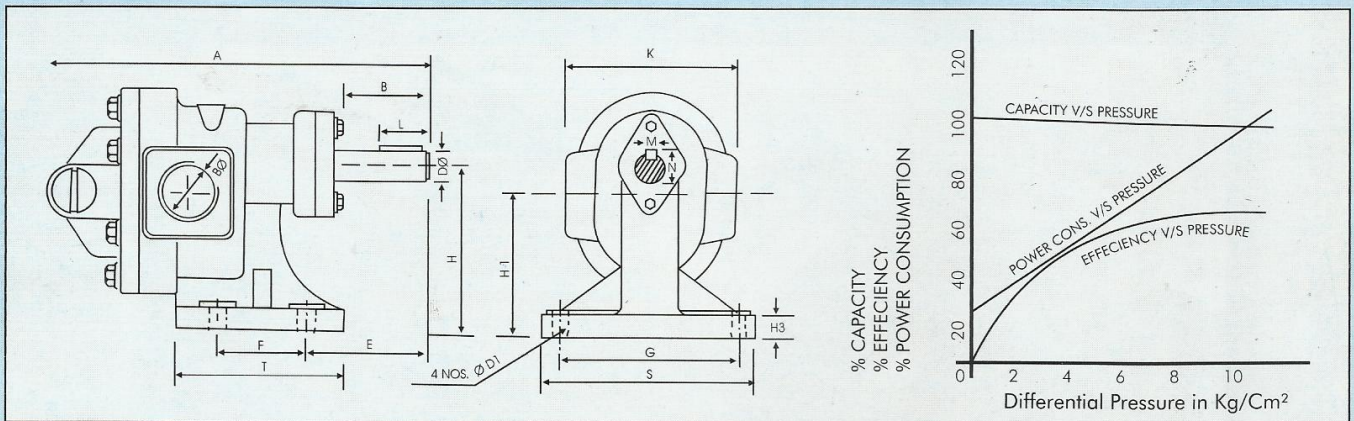
- **Single Helical Gears**
- **Hardened & Ground Shafts.**
- **Max. Capacity - 500 LPM**
- **Max. Pressure - 10 kg / Cm²**
- **Max. Temperature - 80° C**
- **Modified version for High Temp. upto - 250° C**
- **Modified version for Molasses and Vacuum application.**

Manufactured by :

ANI
ENGINEERS

H. P. CHART

PUMP MODEL	INLET OUTLET SIZE	CAPACITY			RECOMMENDED MOTOR HP AT DIFFERENTIAL PRESSURE OF 'X' Kg/Cm ² WITH 1500 SSU VISCOSITY										WT. OF BARE SHAFT PUMP IN KG.	
		LPM	US GPM	M ³ /hr	1	2	3	4	5	6	7	8	9	10		
SG-050	½" × ½"	20	5.3	1.2	0.5					0.75					2.3	
SG-075	¾" × ¾"	30	7.92	1.8	0.5			0.75			1.0				4.5	
SG-100	1" × 1"	50	13.2	3.0	0.5		0.75		1.0		1.5				6.2	
SG-125	1¼" × 1¼"	75	19.8	4.5	1.0		1.5			2.0		3.0			8.5	
SG-150	1½" × 1½"	110	29.0	6.6	1.5		2.0		3.0			5.0				10.0
SG-200	2" × 2"	225	59.4	13.5	3.0			5.0			7.5				18.0	
SG-250	2½" × 2½"	350	92.5	21.0	5.0		7.5		10.0			12.5				27.3
SG-300	3" × 3"	500	131.6	30.0	10.0		12.5		15.0			20.0				38.5



DIMENSIONS

MODEL	A	B	E	F	G	S	T	H	H1	H2	H3	L	M	N	DØ	D1Ø	K	PQ
SG-050	152	32	51	40	70	90	70	63	50	90	6	22	4	13.5	12	8	70	1/2" BSP
SG-075	182	37	63.5	45	85	110	80	80	66	115	8	25	5	16	14	10	80	3/4" BSP
SG-100	204	46	64.5	50	93	120	95	93	73	138	8	27.5	5	19	17	10	90	1" BSP
SG-125	238	48	65	60	105	140	110	100	79	140	10	32	6	22.5	20	12	100	1¼" BSP
SG-150	256	53	80	70	115	150	130	110	88	155	12	35	6	24.5	22	12	108	1½" BSP
SG-200	320	73	92	100	140	180	160	132	105	192	15	40	8	28	25	15	142	2" BSP
SG-250	380	85	110	120	155	200	185	145	114	215	18	45	8	31	28	17	160	2½" BSP
SG-300	425	100	120	140	180	235	205	160	120	235	20	50	8	33	30	17	170	3" BSP

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-8
6	SEALING	OIL SEAL
7	BEARING	BRONZE BUSH BEARING
8	PLUG	BRASS

ANI
ENGINEERS

Manufacturer of
high quality
Rotary Gear Pumps

MARKETED BY :