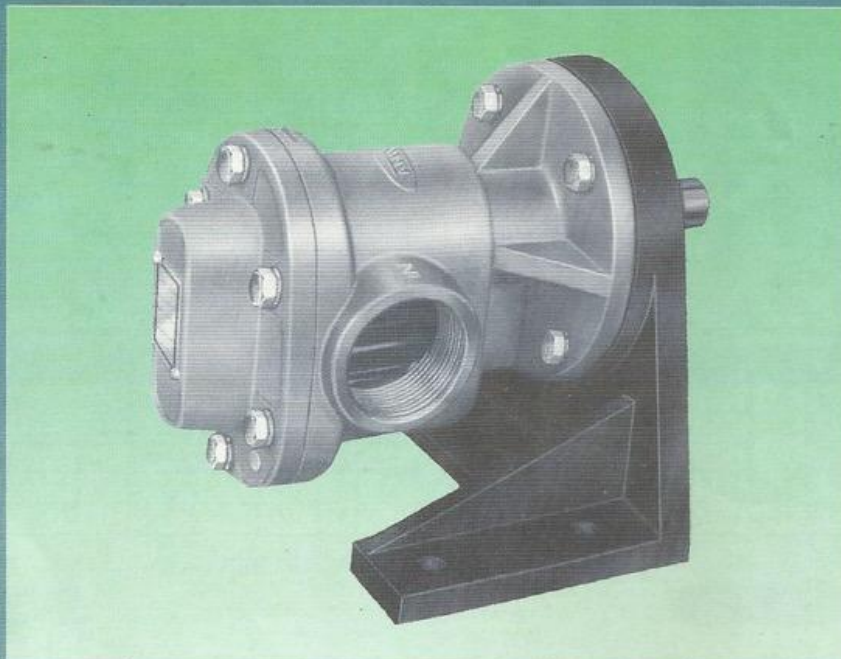


EFFICIENT AND ECONOMICAL

ANIVARYA

ROTARY GEAR PUMPS
IN STAINLESS STEEL CONSTRUCTION



SERIES

SS

FOR TRANSFER OF CORROSIVE CHEMICALS & VISCOUS LIQUIDS.

ADVANTAGES

- Complete SS - 316 Investment Casting
- Nitrided Gears and Shafts for longer life
- Teflon coated bush for smooth performance
- Zero Leakage PTFE type Z - Pac sealant in Gland
- Optimum internal clearance for accurate capacity and lower power consumption

APPLICATIONS

- Chemical Industry
- Pharmaceutical Industry
- Dyeing & Printing Houses
- Paint Industry
- Food & Beverages

Manufactured By :

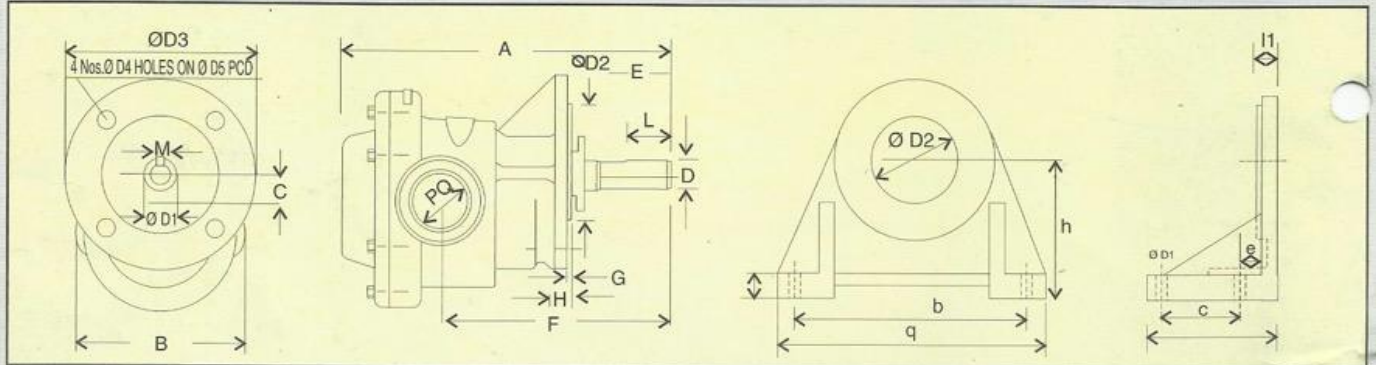
ANI ENGINEERS

GUJARAT. (INDIA)

HORSE POWER AND CAPACITY CHART

PUMP MODEL	INLET OUTLET	CAPACITY AT 1500 RPM			POWER CONSUMPTION IN BHP AT DIFFERENTIAL PRESSURE OF 'X' kg/Cm ² WITH 1500 SSU VISCOSITY										WT. OF BARE PUMPS IN KGS
		LPM	U. GPM	M ³ /hr	1	2	3	4	5	6	7	8	9	10	
SS - 050	1/2" X 1/2"	25	6.6	1.5	0.32	0.38	0.44	0.5	0.55	0.6	0.65	0.72	0.78	0.85	3.7
SS - 100	1" X 1"	50	13.3	3	0.4	0.5	0.6	0.75	0.9	1	1.17	1.35	1.5	1.7	5.25
SS - 150 - S	1 1/2" X 1 1/2"	75	20	4.5	0.85	1.1	1.35	1.56	1.77	2	2.2	2.35	2.55	2.75	10.5
SS - 150 - L		100	26.6	6	1	1.4	1.9	2.2	2.4	2.75	3	3.25	3.5	3.75	
SS - 200 - S	2" X 2"	150	40	9	1.4	1.82	2.45	3	3.5	4	4.5	5	5.6	6.2	15.7
SS - 200 - L		200	53.3	12	1.85	2.45	3	3.5	4	4.55	5.1	5.6	6.25	6.85	
SS - 250 - S	2 1/2" X 2 1/2"	300	80	18	3.17	3.8	4.6	5.4	6.1	6.85	7.7	8.1	8.7	9.4	22.5
SS - 250 - L		350	93.3	21	3.7	4.5	5.4	6.3	7.1	8	8.95	9.5	10.2	11	

DIMENSIONS : PUMP AND BRACKET



MODEL	A	B	D	Ø D1	Ø D3	Ø D4	Ø D5	E	F	G	H	L	M	C	Ø D2	PQ	a	b	c	Ø d1	e	h	h1	l	l1
SS - 050	145	76	15	13	90	8.5	73	40	105	2.5	9	20	5	14	56	1/2" BSP	138	112	40	8	13	71	12	80	13
SS - 100	173	82	17	15	100	10.5	80	50	115	2.5	9.5	27.5	5	17	60	1" BSP	153	125	45	10	16	80	12	90	13
SS - 150	227	98	23.5	21	120	12.5	98	55	153	3	12	35	6	22	75	1 1/2" BSP	190	160	65	12	18	100	15	120	18
SS - 200	258	115	27	24	135	13.5	110	65	180	3	13	40	8	27	85	2" BSP	230	190	80	15	16	112	15	130	18
SS - 250	280	130	30	27	150	17.5	125	70	198	3	14	45	8	32	100	2 1/2" BSP	256	216	110	17	19	132	18	170	22

PARTS	MATERIAL
1) Body	SS - 316
2) Covers	SS - 316
3) Gears	SS - 316 Nitrided
4) Shafts	SS - 316 Nitrided
5) Gland Cover	SS - 316
6) Seal	PTFE / Z - Pac
7) Bracket	C.I.
8) Bush	PTFE Coated
9) Bolt	SS - 304
10) Relief Valve (optional)	SS - 316

SALIENT FEATURES & CHARACTERISTICS

ANIVARYA Gear Pumps are first in the country to give a gear pump complete in SS - 316 investment casting construction, with nitrided gears / shafts and Teflon coated imported DU bushes. SS Series pumps are thus far more better in performance and workmanship. These pumps are recommended for any type of corrosive chemicals and viscous liquids (See box on the side.) SS series pumps can operate upto max. temperature of 250° C and max. viscosity of 5000 cst.

OPTIONAL AVAILABILITY

SS series pumps are also available with following optional features :-

- 1) SS - 316 L construction for highly corrosive liquids and strong acids.
- 2) Also available with Non-Toxic FDA approved Z-Pac Sealent for food and hygienic application.
- 3) Pressure Relief Valve with effective by passing system.
- 4) Mechanical Seal for extra safety in pressurised application.
- 5) Without mounting bracket to convert the pump into flange version.

Recommended for Liquids

- 1) Viscous and Corrosive Chemicals.
- 2) Mild Acids.
- 3) Printing Inks.
- 4) Dyes.
- 5) Sugar Syrups.
- 6) Resins & Pigments.
- 7) Slurry.
- 8) Glycerine.
- 9) Kerosene.
- 10) Vegetable Oils.

VISCOSITY	SPEED	CAPACITY
UPTO 500 CST	1440 RPM	100%
500 - 2000 CST	960 RPM	66.6%
2000 - 5000 CST	720 RPM	50%

FALCON SALES CORPORATION
 8358, ELLAR HOUSE, FIRST FLOOR
 MODEL BASTI, NEW DELHI-110 005
 TIN NO.- 07530168912