

Series : SVRN

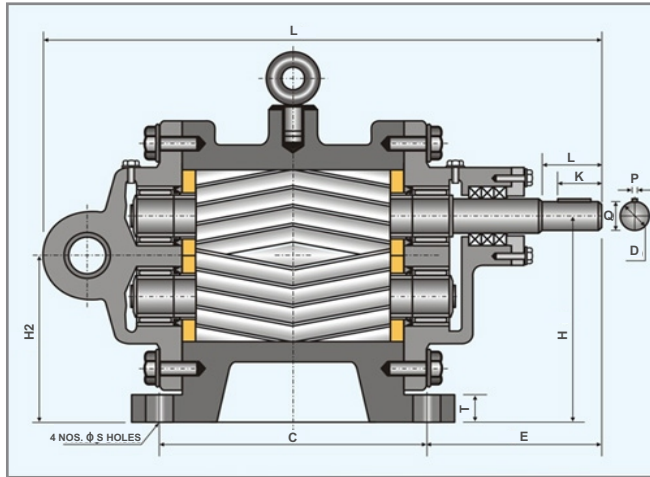


ROTARY TWIN GEAR PUMP



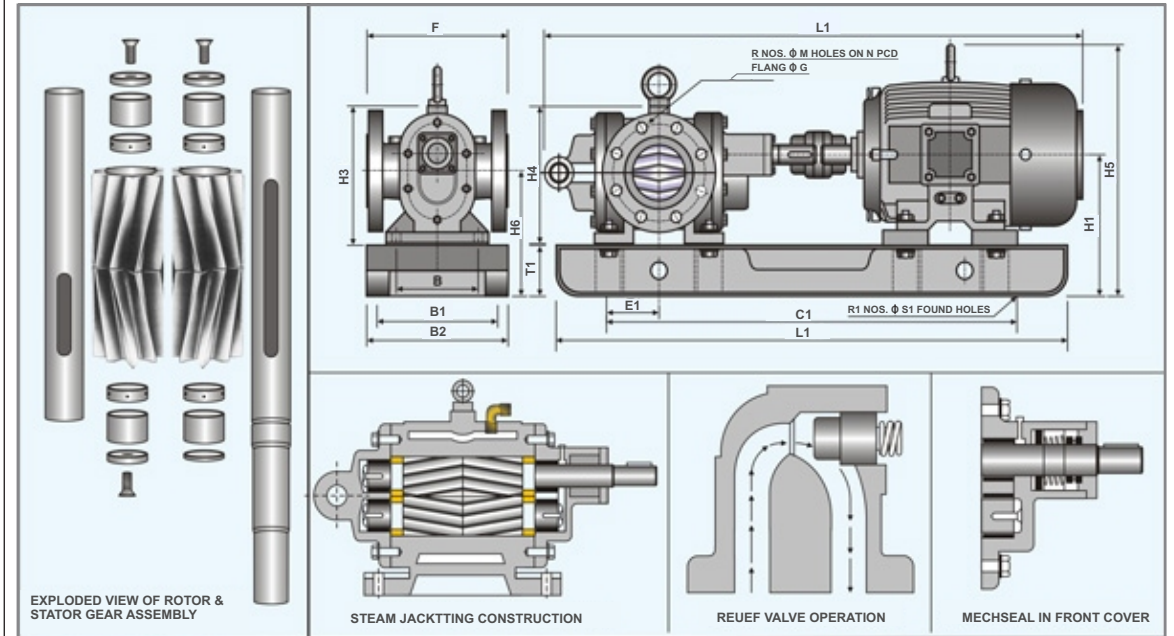


ROTARY TWIN - GEAR PUMP 'SVRN'



AVAILABLE MODEL SIZE & CAPACITY						
MODEL & SIZE	CAPACITY AT 1440 RPM			ELE MOTOR H.P	FR. SIZE	PUMP GD2 IN KGM2
	LPM	US GPM	M3/HR			
50 S	08.30	02.20	0.50	0.50	71 M	0.0008
M	16.60	04.40	1.00	0.75	80 M	0.0009
1/2" L	25.00	06.60	1.50	1.00	80 M	0.0010
100 S	33.30	08.80	2.00	0.75	80 M	0.0007
M	50.00	13.20	3.00	1.00	80 M	0.0008
1" L	60.00	15.84	3.60	2.00	90 L	0.0009
150 S	83.30	22.00	5.00	2.00	90 L	0.0028
M	100.00	26.40	6.00	3.00	100 L	0.0029
1 1/2" L	125.00	33.30	7.50	5.00	112 M	0.0032
200 S	150.00	39.00	9.00	3.00	100 L	0.0068
M	166.00	44.00	10.00	5.00	112 M	0.0074
2" L	200.00	52.80	12.00	7.50	132 S	0.008
250 S	250.00	66.00	15.00	5.00	112 M	0.010
M	299.88	79.20	18.00	7.50	132 S	0.013
2 1/2" L	333.30	88.00	20.00	10.00	132 M	0.015
300 S	415.00	105.00	25.00	10.00	132 M	0.02
M	449.82	118.00	27.00	12.50	160 M	0.024
3" L	500.00	132.00	30.00	15.00	160 M	0.027
400 S	599.76	158.40	36.00	15.00	160 M	0.056
M	666.66	176.00	40.00	20.00	160 L	0.062
4" L	833.30	220.00	50.00	25.00	180 M	0.072
500 S	1000.00	264.00	60.00	20.00	160 L	0.098
M	1250.00	330.00	75.00	30.00	180 L	0.112
5" L	1499.00	396.00	90.00	40.00	200 L	0.177
600 S	1660.00	440.00	100.00	30.00	180 L	0.270
M	1832.60	484.00	110.00	50.00	225 S	0.310
6" L	2083.00	550.00	125.00	50.00	225 M	0.355
600 S	2499.00	660.00	150.00	50.00	225 S	0.4561
M	2915.50	770.00	175.00	75.00	250 M	0.542
6" L	3332.00	880.00	200.00	100.00	280 S	0.601

PARTS LIST WITH Material of Construction							
SR.	ITEM	QT	MATERIAL	SR.	ITEM	QT	MATERIAL
01	PUMP CASING	1	CI/CS/SS	12	R. V. PISTON	1	EN-8/SS
02	FRONT COVER	1	CI/CS/SS	13	R. V. SPRING	1	SPR.ST
03	BACK COVER	1	CI/CS/SS	14	R. V. AD SCREW	1	EN-8/SS
04	GLAND COVER	1	CI/CS/SS	15	BASET PLAE	1	M.S
05	ROTOR SHAFT	1	EN9/19/SS	16	COUP. GUARD	1	ALUMN.
06	STATOR SHAFT	1	EN9/19/SS	17	COUPLING	1	FLEXIBLE
07	IMPELLER GEAR	1	EN-24/SS	18	COUP. KEY	1	EN-8/SS
08	NEEDLE BEARING	4	INAVIKO	19	SEALING SYS.	2	OS/MS/GP
09	WEAR PLATE	4	BRONZE	20	DOWEL PIN	4	SILV. ST.
10	LIFTING HOOK	4	STEEL	21	COMP. FLANGE	2	MS/SS
11	R. V. HOUSING	1	MALIRON	22	H/T. HEX BOLT	12	EN-8/SS



DIEMENSIONS																						WEIGHT BP-COU PUMP BP-COU IN KG.
OVERALL						MOUNTING						SHAFT			FLANGE							
A1	J A	J1	L1	K1	F1	B C	S S1	E F	H I	H1	T1 T	E1	C1	B1	l1	D R1	K L	P Q	M N	G R		
503	122	265	500	145	125	80	8	91	80	158	75	37	340	112	147	11.5	22	4	16	89	11.5	
538	-	285	525	170	130	-	-	-	163	-	36	365	125	152	-	-	-	-	-	-	9.00	
538	239	285	525	170	130	100	15	150	68	163	10	36	365	125	152	4	30	13	60	4	12.00	
570	136	285	600	145	139	90	10	100	90	168	75	26	360	120	152	15	25	5	16	109	12.2	
570	-	285	600	145	139	-	-	-	168	-	26	360	120	152	-	-	-	-	-	-	10.0	
620	271	315	650	180	146	100	15	160	74	175	10	26	410	140	159	4	30	17	79	4	13.1	
667	160	315	625	165	167	105	10	119	100	180	75	30	375	130	160	21	25	6	16	127	14.0	
697	-	328	750	205	165	-	-	-	178	-	30	500	170	158	-	-	-	-	-	-	22.5	
742	318	353	750	230	175	130	15	180	80	190	12	26	500	190	170	4	40	23.5	58	4	19.0	
738	174	346	775	210	176	110	12	133	112	190	75	50	525	170	168	24	39	8	19	152	17.5	
738	-	351	800	230	176	-	-	-	210	-	65	550	190	168	-	-	-	-	-	-	23.00	
853	369	396	850	256	198	150	15	200	90	214	14	50	600	216	188	4	50	27	121	4	20.8	
842	200	376	800	240	283	130	15	163	132	210	75	35	650	205	194	27	40	8	19	179	18.5	
913	-	298	900	255	203	-	-	-	210	-	50	650	218	194	-	-	-	-	-	-	43.00	
953	419	398	950	255	203	160	15	220	106	263	15	50	700	218	184	4	58	30	140	4	22.5	
1015	240	449	1050	287	245	160	18	168	160	263	100	84	750	240	234	32	49	10	19	190	22.0	
1113	-	473	1100	304	285	-	-	-	263	-	75	800	254	234	-	-	-	-	-	-	59.00	
1113	481	523	1100	304	245	220	19	240	131	263	22	75	800	254	234	4	60	35	162	4	33.00	
1185	274	523	1200	315	278	180	18	189	180	283	100	58	800	265	248	37	54	10	19	229	40.0	
1231	-	559	1250	310	278	-	-	-	283	-	58	900	254	248	-	-	-	-	-	-	82.0	
1296	564	559	1300	330	278	270	19	280	145	283	25	90	900	279	248	4	65	40	190	8	47.2	
1292	293	568	1350	300	305	200	19	215	200	338	125	55	950	254	298	47	60	14	22	254	58.0	
1357	-	539	1400	365	297	-	-	-	328	-	125	1000	300	298	-	-	-	-	-	-	150.0	
1447	615	672	1400	380	297	280	22	300	160	328	25	116	1000	318	298	4	85	50.5	215	8	50.0	
1432	343	642	1500	305	352	220	20	215	225	358	150	183	1100	245	311	52	80	16	22	279	50.5	
1608	-	723	1650	420	348	-	-	-	353	-	137	1150	356	306	-	-	-	-	-	-	175.0	
1608	690	728	1650	430	348	350	22	340	178	353	25	137	1150	356	306	4	95	56	241	8	76.0	
1667	367	778	1650	430	358	240	22	231	250	403	150	136	1150	356	353	57	81	16	22	279	77.7	
1882	-	853	1800	480	435	-	-	-	433	-	126	1350	457	393	-	-	-	-	-	-	190.0	
1882	749	853	1850	530	390	380	22	360	200	433	28	126	1350	457	393	4	100	59	241	8	87.00	