

Rotary Gear Pump



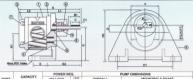
GXS

Compact - Efficient - Reliable Easy Maintainable - Easy Cleanable

For handling corrosive, abbrasive, hygienic viscous liquid for transfer, loading-unloading & pressurising applications.

EBAB reazy gear pump type "CXS" is all staintess steel \$5.0 file sad froming bi-directional positive displacement rotary pump. That station coasted dry norming "DU bush bearings. Three secies design makes the pump easy cleanable, easy martainable simply by exercising four dom ruts on back cover. Mechanical seel is optional for tellion gland packing. The mounting bracket converts the pump to be communiting a facilitates to slight in pump with electric motion of appropriate sarings on base place at stame frame below.

(1) Pump Body (2) Front Cover (3) Back Cover (4) Seal Cover - SS 316 - CF8M, (5) R.H. & L.H. Gear (6) Rotor / Stator Sheft (7) Dom nuts, Stad & Key - SS AISI 316, (8) Bearings - Teffon Coated 'DU' (9) Bracket - CICS (10) Sealing & Packing - Teffon



	PUMP MCCEL GXS		CAPACITY at 1440 RPM			POWER REQ.				PUMP DIMENSIONS														
MODEL - SIZE - CAPACITY CHART & POWER FACTORS		PORT				NO LOAD VISCOUS hp. at			Unit hp.	OVERALL					MOUNTING & SHAFT									OF
		NPT	LPM	US	Mahr	200 CST	500 CST	750 CST	per Kg. press	A	F G	H2	LI	L2		E1	E2	н	н	D D1	0	PQ	B1	PUMP IN KG.
	015	1/8" x 1/8"	5.0	1.3	0.30	0.14	0.18	0.30	0.015	123	54		91	32						11.5	17	4		1.80
	025	1/4" x 1/4"	8.3	2.2	0.50	0.20	0.25	0.35	0.02	129	12.5	101	94	35	40	120	91	63	50.5	- 8	3	13	25	2.00
	040	3/8" x 3/8"	16.6	4.4	1.00	0.35	0.40	0.55	0.04	134	61	112	98	36	50	120	88	71	57	11.5	17	- 4	25	3.00
	050	1/2" x 1/2"	25.0	6.6	1.50	0.40	0.50	0.70	0.06	146	14	112	103	41	50	120	88	71	57	- 8	3	13	25	3.50
	075	3/4" x 3/4"	33.3	8.8	2.00	0.45	0.55	0.90	0.085	160	72.5	123	123	46	55	130	92	80	63	14	25	- 5	35	4.50
	100	1" x 1"	50.0	13.2	3.00	0.50	0.60	1.00	0.13	177	17	128	115	52	55	140	87	90	73	10.5	3	16	35	5.00
	125	1%*x1%*	100.0	26.4	6.00	0.65	0.85	1.25	.0.28	210	90	139	143	66	50	138	111	90	69	18	30	- 6	38	7.00
	150	1%*x1%*	125.0	33.0	7.50	0.75	0.95	1.50	0.35	225	21	149	151	73	50	153	111	100	79	12	3	20.5	38	10.50
	200 200	2" x 2"	150.0	39.6	9.00	0.90	1.15	1.75	0.45	251	103	167	162	85	70	190	131	112	87	24	30	- 8	40	20.50
			200.0	52.8	12.00	1.00	1.25	2.15	0.60	281	25	167	179	97	70	190	131	112	87	14	- 5	27	40	24.00
	250	2\n*x2\n*	300.0	65.0	18.00	1.40	1.65	2.50	0.77	298	122	197	206	93	85	200	161	132	102	28	40	8	50	35.00
	250		350.0	80.0	21.00	1.60	1.85	2.85	0.90	319	30	197	218	101	85	200	161	132	102	16	6	32	50	40.00

Power requirement at duty point can be worked out by multiplying the duty point pressure with must hip. A adding no Load viscous power of propriets viscosity in this. Balley margin may be provided better fisming the sating of the primoter. For injuries viscosity further margin may be kept or the manufacturer may be consulted. All sizes of "CXS" pumps are designed to not an 144.0 Play to viscosity of botto. OST. however small size pumps to bit "content and the additional size pumps to be "consolided additional sizes of "CXS" pumps are designed injuries viscosity by to 1000 CST. however small size pumps to bit "consolided between the paper to 600 FIPM. For viscosity above 000 CST. speed in require that the to socid calculation. Aver leading-consolid our expect.

This compact & efficient SS pumps finds different application for handling food products like Ghee, Butter Fruit pulp, We deptative souse, Kanji etc. They are also used in Pharmaceutical application for handling sugar solution, Glycerine, Glycol etc. Corrosive viscous chemicals application can also be met with this pump most effectively.

