

SS ROTARY GEAR PUMP



Care-Well Engineers offers most efficient and economic range of SS Rotary Gear Pumps under the brand name "CARE-WELL PUMPS". "CWSS" is a self-priming, bi-directional & positive displacement rotary pump. Model "CWSS" having all Stainless Steel (SS-316) investment casting. These pumps have SS-316 Nitride Gear & Shaft to give Long service life & trouble-free operation. Teflon coated DU bush & "GFO" pack Sealing gives zero Leakage. These pumps are easy cleanable, easy maintainable in three-piece construction. The back cover can simply be removed by four Dom-Nut. The right-angle mounting brackets facilities foot mounting of the pump on base plate with electric motor of appropriate ratings.

- **SS Gear Pump Material of Construction**

Part	Material For CWSS
Pump Body	CF8M [SS-316]
Front Cover	CF8M [SS-316]
Back Cover	CF8M [SS-316]
Gland Cover	CF8M [SS-316]
Packing	Teflon Sheet
Sealing	"GFO" Pack Teflon/ Mech. Seal
Bush Bearings	Teflon Coated "DU"
Mounting Bracket	C.I.Gr.-20 IS 210
Dom Nut	AISI [SS-316]
Rotor/Stator Shaft	AISI [SS-316]
R.H. & L.H. Gear	AISI [SS-316]
Key for Coupling	SS-304

- **SS Rotary Gear Pump Technical Specification**

Model	Suction & Delivery Size	Capacity at 1440 RPM		
		LPM	US GPM	M ³ /hr
CWSS-025	1/4" x 1/4"	8	2.1	0.50
CWSS-040	3/8" x 3/8"	15	3.9	0.9
CWSS-050	1/2" x 1/2"	25.00	6.6	1.50
CWSS-075	3/4 x 3/4"	30.00	7.9	1.80
CWSS-100	1" x 1"	50.00	13.2	3.00
CWSS-125	1 ¼" x 1 ¼"	100.0	26.4	6.00
CWSS-150	1 ½" x 1 ½"	125.0	33.0	7.50
CWSS-200	2" x 2"	200.0	52.8	12.00
CWSS-250	2 ½" x 2 ½"	300.0	79.25	18.00

Applications:

- Pharmaceutical industries.
- Cosmetic industries.
- Dyes & resins.
- Dyeing and printing house.
- Ghee, butter, fruit pulps, vegetable soups.
- Special chemical and Acid industries.
- Chemical industries for corrosive viscose chemical.

Features:

- Self Priming Pump.
- Simple and Efficient Design.
- PTFE coated DU bush for smooth running and dry bearing condition.
- Low noise & Easy to maintain.
- Optionally available in double helical gear design.
- Bi-direction positive displacement pump.
- Established in three parts so that Clean & Maintain Easily.

Range:

- Capacity: UP TO 18 M3/HR.
- Size: 1/4" X 1/4" TO 2 1/2" X 2 1/2".
- Speed: UP TO 1400 RPM.
- Pressure: Up TO 10 KG/CM2.
- M.O.C.: CF8M (SS-316)



CARE - WELL ENGINEERS

Industrial Pumps & Spares

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