

TWIN ROTARY GEAR PUMP



CARE-WELL ENGINEERS offer "CARE-WELL PUMPS" brand gear pump Model "CWRB" (External Gear Pump - Positive Displacement Pump - Rotary Twin Gear Pump) Which is heavy duty foot mounting type positive displacement rotary twin gear pump. Model "CWRB" having three-piece construction it can be easily cleanable and maintainable. These pumps having a double helical refined gear and hardened grind finished shaft, double helical gear prevent axial load & side thrust which is help to increase life and performance of pump.

- CWRB Gear Pump Material of Construction**

Part	Material For CWRB
Pump Body	CI/CS
Front & Back Cover	CI/CS
Gland Cover	CI/CS
Rotor & Stator Shaft	EN-19
Gear	EN-24/EN-353
Bush/Needle Bearing	INA/IKO
Wear Plate	Non-Ferrous
Lifting Hook	Mild Steel
R.V. Housing	Mild Steel
R.V. Piston	EN-8
R.V. Spring	Spring Steel
R.V. AD. Screw	EN-8
Sealing	'GFO' Teflon/Mechanical Seal
Key	EN-8
Dowel Pin	EN-31
Hex - Bolt	Mild Steel

- **CWRB Twin Rotary Gear Pump Technical Specification**

Model CWRB	Suction & Delivery Size	Capacity at 1440 RPM		
		LPM	US GPM	M ³ /hr
CWRN-050	1/2" x 1/2"	25.00	6.60	1.50
CWRN-100	1" x 1"	50.00	13.20	3.60
CWRN-150	1½" x 1½"	125.00	33.02	7.50
CWRN-200	2" x 2"	200.00	52.83	12.00
CWRN-250	2 ½" x 2 ½"	330.00	87.17	19.80
CWRN-300	3" x 3"	500.00	132.08	30.00
CWRN-400	4" x 4"	830.00	219.26	49.8
CWRN-500	5" x 5"	1500.00	396.25	90.00
CWRN-600	6" x 6"	2083.00	549.47	124.80

Applications:

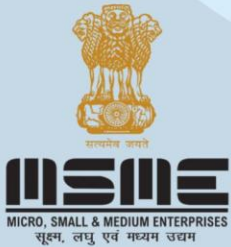
- Power Plants.
- Steel Plants.
- Bitumen Plant.
- Refineries & Pumping station.
- All kind of Liquid Loading & Unloading.
- All kind of Oils.
- Petroleum Industries.
- Cement Plant.

Features:

- Double Helical Gear Design Prevents Axial Load.
- Shorter Bearing Span Reduces Bending Effect.
- Optionally Steam Jacket Available.
- Heavy Duty Gear Pump Design for Continuous Application.
- Floating gear design ensures uniform load distribution.
- Low leakage path by design improve volumetric efficiency.

Range:

- Capacity: UP TO 125 M3/HR.
- Size: 1/2" X 1/2" TO 6" X 6".
- Speed: UP TO 1400 RPM.
- Pressure: Up TO 10 KG/CM2.
- M.O.C.: CI/CS



CARE - WELL ENGINEERS

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