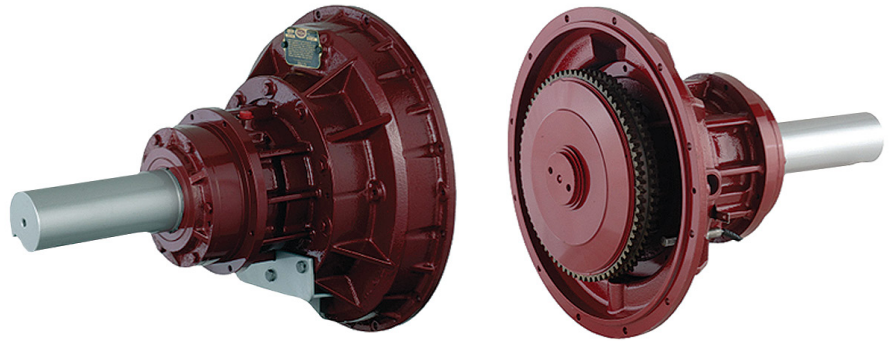


RC PTO

RC214P • RC314P

The RC is a series of hydraulically-actuated, dry-clutch power take-offs. Key design features of the RC PTO allow for installation in applications where the PTO may otherwise be difficult to service. An advanced control system can be used for “soft-starting” large inertia loads.



FEATURES

- Hydraulically actuated
- Self-adjusting clutch
- Oil-lubricated, spherical and cylindrical roller main bearings
- No pilot bearing required
- Advanced controls for high inertia loads
- Optional sintered iron and composite plates
- Suitable for side load and in-line applications
- Hydraulic valve & display options

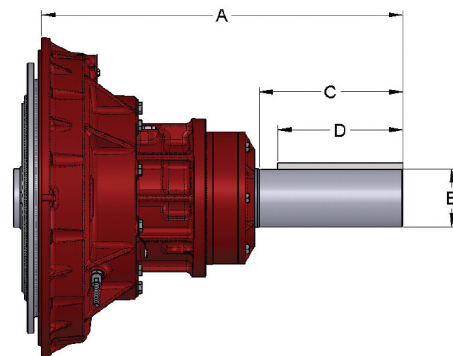
SPECIFICATIONS

Model Number	SAE Housing	Max. Input Torque Nm (lb-ft)		Clutch Maximum Power Rating kW (hp)			Maximum Safe Speed rpm		Weight kg (lbs)
		Organic	Sintered	Class II	Class III	Class IV	Solid Plates	Split Plates	
		Class I					Nodular Drive Ring		
RC214P	#1, #0	2195 (1620)	2748 (2025)	281 (376)	187 (251)	140 (188)	3000	2750	179 (395)
RC314P	#1, #0	3297 (2430)	4125 (3040)	421 (564)	281 (376)	210 (282)		2700	198 (437)

DIMENSIONS

	RC214P	RC314P
SAE J617 Housing Size	#1 and #0	
SAE J620 Clutch Size	14"	
“A”	595.4 (23.44)	624.0 (24.56)
“B”	100.0 (3.94)	
“C”	248.0 (9.76)	
“D”	215.9 (8.50)	

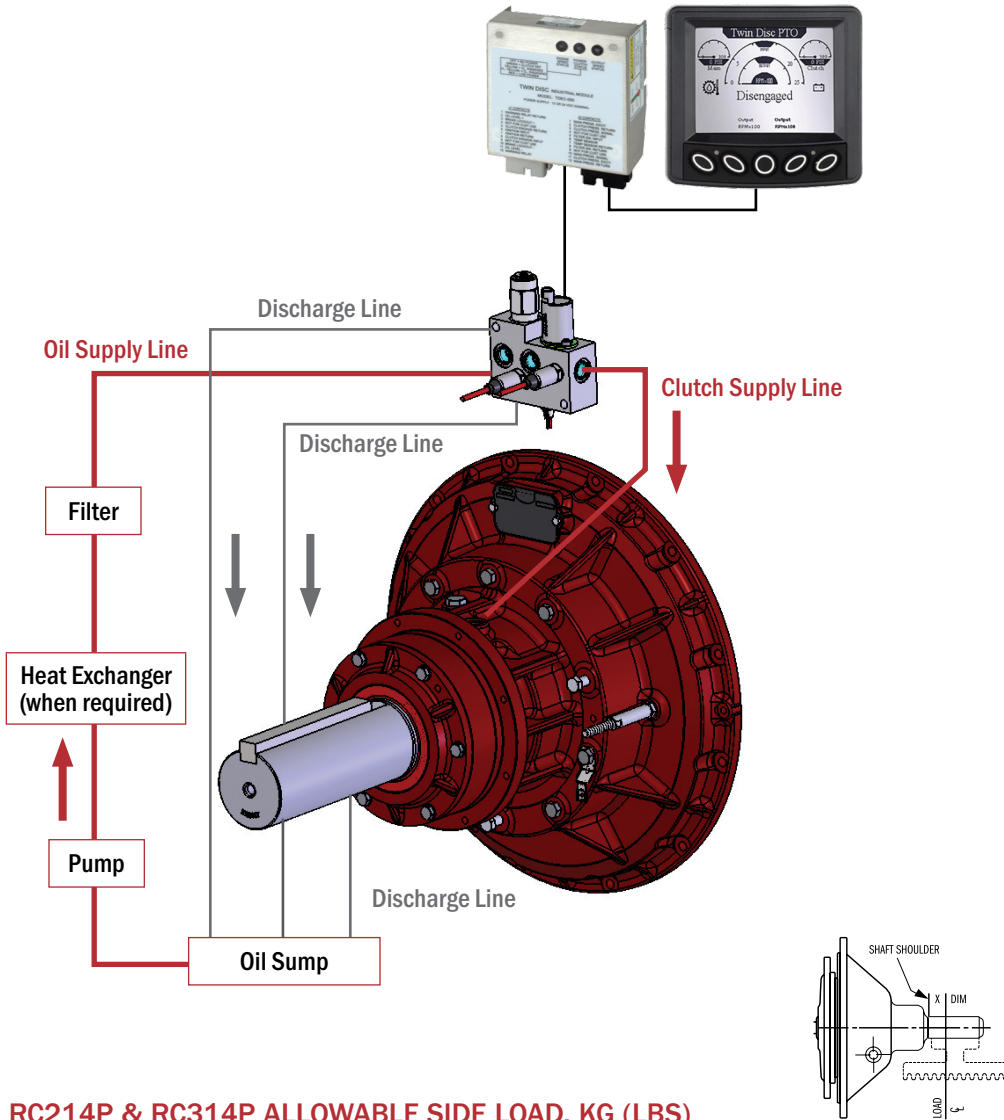
Dimensions are in mm [in]



Scan to learn more about RC PTOs

All product images are representative only.
Specifications subject to change without prior notice in the interest of continual product improvement.

Since 1918, we've been putting horsepower to work by designing, engineering and manufacturing rugged-duty industrial products. Our products and our reputation are bolted to the most renowned engine manufacturers and equipment OEMs in the world. Our mission is to make boats, machines and off-highway vehicles more productive, more durable, more operator-friendly, and more cost-effective. From design and installation consultation through after-sale support, Twin Disc and its distributors are committed to your business. No one knows more about managing horsepower in more ways than Twin Disc.

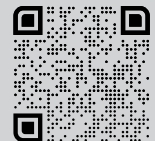


- POWER-SHIFT TRANSMISSIONS
- TORQUE CONVERTERS
- ELECTRONIC CONTROL SYSTEMS
- POWER TAKE-OFFS
- PUMP DRIVES
- CLUTCHES
- GEARBOXES
- UNIVERSAL CONTROL DRIVES

RC214P & RC314P ALLOWABLE SIDE LOAD, KG (LBS)

RPM	X Distance mm (in)								
	25.4 (1.0)	50.8 (2.0)	76.2 (3.0)	101.6 (4.0)	127 (5.0)	152.4 (6.0)	177.8 (7.0)	203.2 (8.0)	228.6 (9.0)
1000	3755 (8278)	3397 (7489)	3102 (6838)	2846 (6274)	2575 (5677)	2351 (5183)	2163 (4769)	2003 (4416)	1864 (4110)
1500	3325 (7330)	3008 (6632)	2746 (6055)	2520 (5555)	2280 (5026)	2082 (4590)	1915 (4223)	1774 (3910)	1651 (3640)
2000	3050 (6724)	2759 (6083)	2519 (5554)	2311 (5096)	2091 (4611)	1910 (4210)	1757 (3873)	1627 (3587)	1515 (3339)
2200	2964 (6534)	2682 (5912)	2448 (5397)	2246 (4952)	2032 (4481)	1856 (4091)	1707 (3764)	1581 (3486)	1472 (3245)

Twin Disc, Incorporated reminds users of these products that their safe operation depends on use in compliance with engineering information provided in our catalog. Users are also reminded that safe operation depends on proper installation, operation and routine maintenance and inspection under prevailing conditions. It is the responsibility of users (and not Twin Disc, Incorporated) to provide and install guards or safety devices which may be required by recognized safety standards or by the Occupational Safety and Health Act of 1970 and its subsequent provisions.



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Twin Disc, Incorporated
 Milwaukee, WI 53202 USA
 Phone +1 (262) 638-4000
TWINDISC.COM