

## STANDARD RC PTO

### RC218 • RC318

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 & BENEFITS

- Hydraulically actuated
- Self-adjusting clutch
- Oil lubricated tapered 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
- Electronic clutch wear indicator



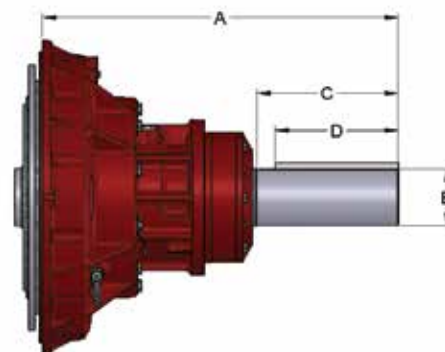
### SPECIFICATIONS – RC218 & RC318

Model Number	SAE HSG.	Max. Input Torque Nm (lb-ft) Class I		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	
							Nodular Drive Ring		
RC218	0	5,423 (4,000)	6,779 (5,000)	464 (622)	309 (415)	232 (311)	2,350	2,100	324 (714)
RC318	0	8,134 (6,000)	10,168 (7,500)	696 (933)	464 (622)	348 (467)	2,350	2,100	370 (816)

### DIMENSIONS – RC218 & RC318

	RC218	RC318
SAE J617 Housing Size	#0	
SAE J620 Clutch Size	18"	
“A”	684.5 (26.95)	719.5 (28.33)
“B”	114.3 (4.50)	
“C”	254.0 (10.00)	
“D”	203.2 (8.00)	

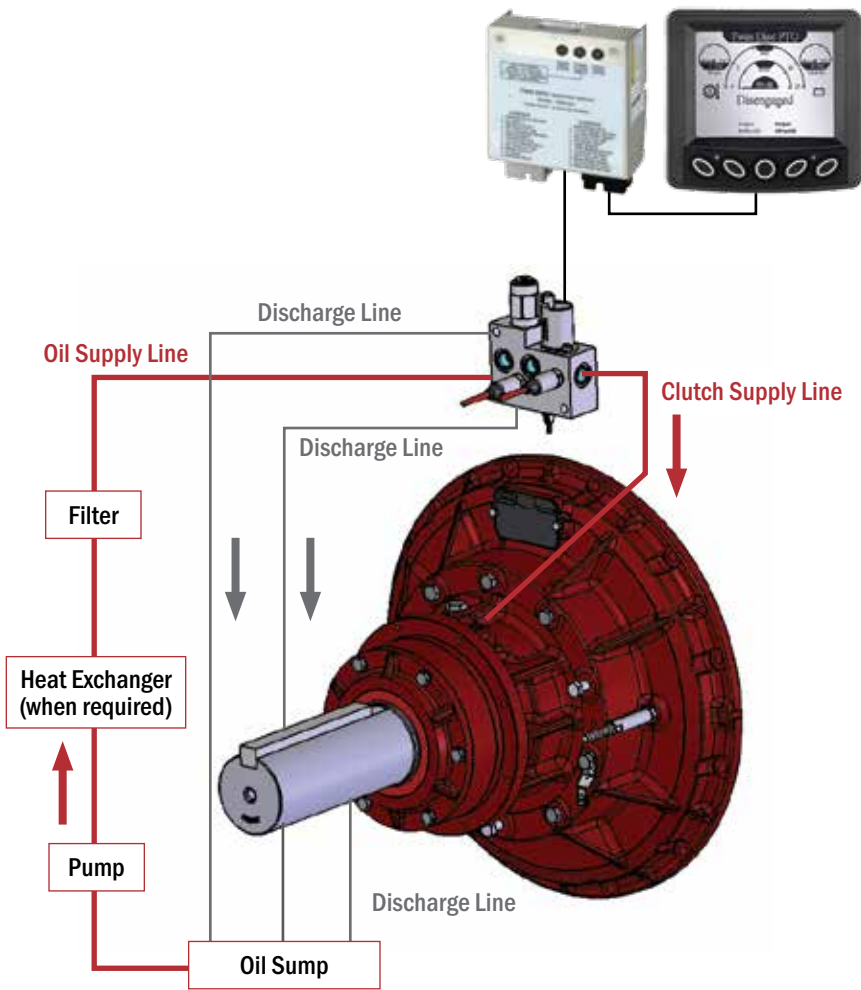
Dimensions in mm (in)



Specifications subject to change without prior notice in the interest of continual product improvement.  
Contact your local Twin Disc representative for engineering specifications, Survey Society Approvals and Classifications.



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

RPM	X Distance (mm)									
	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)	
1,000	4,628 (10,203)	4,198 (9,254)	3,840 (8,466)	3,539 (7,802)	3,282 (7,235)	3,059 (6,744)	2,790 (6,153)	2,591 (5,712)	2,373 (5,231)	
1,200	4,382 (9,660)	3,974 (8,761)	3,636 (8,016)	3,351 (7,387)	3,107 (6,850)	2,896 (6,385)	2,789 (6,149)	2,535 (5,589)	2,320 (5,115)	
1,800	3,880 (8,553)	3,519 (7,758)	3,219 (7,097)	2,967 (6,541)	2,751 (6,065)	2,565 (5,654)	2,517 (5,550)	2,450 (5,401)	2,241 (4,942)	
2,400	3,559 (7,846)	3,223 (7,116)	2,953 (6,511)	2,721 (6,000)	2,524 (5,564)	2,352 (5,186)	2,146 (4,732)	1,942 (4,282)	1,774 (3,910)	

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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