

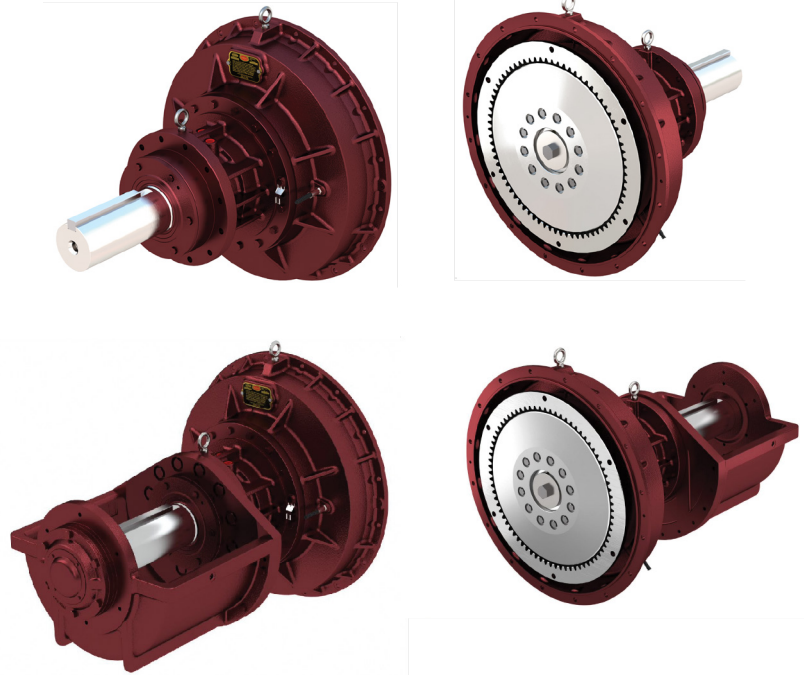
**Standard RC PTO**

**RC218P/RC218SB • RC318P/RC318SB**

The RC is a series of hydraulically-actuated, dry-clutch power take-offs. A key design feature allows 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, 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



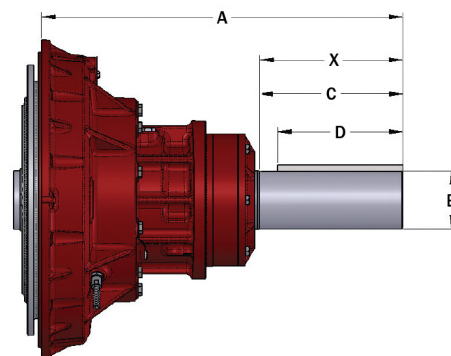
**SPECIFICATIONS**

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		
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)			370 (816)

**DIMENSIONS – RC218P & RC318P**

	RC218P	RC318P
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 are in mm [in]



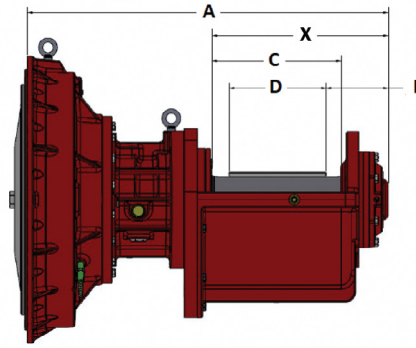
Scan to learn more about RC PTOs

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

## DIMENSIONS – RC218SB & RC318SB

	RC218SB	RC318SB
SAE J617 Housing Size	#0	
SAE J620 Clutch Size	18"	
"A"	863.1 (33.9)	898.1 (35.36)
"B"	151.3 (6.08)	
"C"	321.8 (12.67)	
"D"	241.3 (9.50)	

Dimensions are in mm [in]



## RC218P & RC318P ALLOWABLE SIDE LOAD, KG (LBS)

RPM	X Distance (mm)										
	0	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)	254.0 (10.0)
1000	6393 (14094)	5737 (12648)	5204 (11472)	4760 (10495)	4076 (8985)	3533 (7790)	3118 (6875)	2791 (6153)	2526 (5568)	2307 (5085)	2122 (4679)
1200	6052 (13343)	5432 (11975)	4926 (10861)	4507 (9937)	3858 (8506)	3345 (7375)	2952 (6509)	2643 (5826)	2391 (5272)	2184 (4814)	2009 (4430)
1800	5359 (11815)	4809 (10603)	4362 (9617)	3991 (8799)	3416 (7532)	2962 (6530)	2615 (5764)	2340 (5158)	2117 (4668)	1934 (4263)	1779 (3922)
2400	4916 (10838)	4412 (9727)	4002 (8822)	3661 (8071)	3134 (6909)	2717 (5990)	2398 (5287)	2146 (4732)	1942 (4282)	1774 (3910)	1632 (3598)

## RC218SB & RC318SB ALLOWABLE SIDE LOAD, KG (LBS)

RPM	X Distance (mm)												
	0	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)	254.0 (10.0)	279.3 (11.0)	304.8 (12.0)
1000	10527 (23207)	11300 (24913)	12196 (26888)	13247 (29205)	14495 (31957)	14145 (31184)	12485 (27524)	11173 (24633)	10111 (22291)	9233 (20356)	8496 (18730)	7868 (17345)	7326 (16150)
1200	9966 (21972)	10699 (23587)	11547 (25457)	12542 (27650)	13724 (30256)	13392 (29524)	11820 (26059)	10579 (23322)	9573 (21105)	8742 (19273)	8044 (17733)	7449 (16422)	6936 (15291)
1800	8825 (19455)	9473 (20885)	10225 (22542)	11105 (24483)	12152 (26791)	11858 (26143)	10466 (23074)	9367 (20650)	8476 (18687)	7741 (17065)	7122 (15702)	6596 (14541)	6141 (13539)
2400	8095 (17847)	8690 (19158)	9379 (20678)	10187 (22459)	11147 (24576)	10878 (23981)	9601 (21166)	8592 (18943)	7775 (17142)	7101 (15654)	6534 (14404)	6050 (13338)	5634 (12420)

## RC CONTROL MODULE/TDEC-600

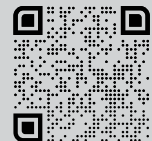
- Microprocessor based
- 12/24VDC
- J1939 capable
- Enabled via engage/disengage switch or J1939 command
- LED flashes system status
- Monitoring of engine & output speed to protect engine and clutch during engagement
- IP rating: 67
- DC fan control for heat exchanger
- New color display



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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