



# PTO TORQUE AND HORSEPOWER RATINGS

Intermittent service refers to an On-Off operation under load. If maximum HP and/or torque is used for extended periods of time, (5 min. or more every 15 min.) this is considered "Continuous Service" and HP rating of PTO should be reduced by multiplying intermittent value below by .70. Applications with PTO output shaft speeds above 2,000 RPM, regardless of duration, are to be considered "Continuous" duty. MAX rated output shaft speed for all Muncie Power PTOs is 2,500 RPM.

**Fire Pump** applications are calculated within a different category listed on page 3 and are derated by multiplying intermittent value below by .80.

Below is a chart showing the Intermittent and calculated continuous Torque rating of the PTOs included in this catalog. The Application pages may have lower ratings for these PTOs listed. The Application page rating may be adjusted to limit the PTO output to a rating which will not exceed the transmission manufacturers rating. The transmission manufacturer does not differentiate between Intermittent and Continuous; therefore, the Application page rating is never to be exceeded. Refer to this page when there is a question of the rating (Intermittent or Continuous) for the PTO as it is manufactured.

PTO SERIES	SPEED RATIO	INTERMITTENT HP@1000 RPM	INTERMITTENT TORQUE LBS.FT.	CONTINUOUS TORQUE LBS.FT.	INTERMITTENT [KW]@1000 RPM	INTERMITTENT TORQUE [NM]	CONTINUOUS TORQUE [NM]
TG	04	54	285	200	[40]	[386]	[270]
	05	51	270	189	[38]	[366]	[256]
	06	47	245	172	[35]	[332]	[232]
	07	44	230	161	[33]	[312]	[218]
	08	44	230	161	[33]	[312]	[218]
	09	39	205	144	[29]	[278]	[195]
	12H	40	210	147	[30]	[284]	[199]
	13H	40	210	147	[30]	[284]	[199]
	15H	37	195	137	[28]	[264]	[185]
18H	33	175	123	[25]	[237]	[166]	
CS6/8	03	57	300	210	[43]	[407]	[285]
	04	57	300	210	[43]	[407]	[285]
	05	57	300	210	[43]	[407]	[285]
	06	57	300	210	[43]	[407]	[285]
	07	57	300	210	[43]	[407]	[285]
	09	52	275	193	[39]	[373]	[261]
	12	52	275	193	[39]	[373]	[261]
SH6/8	05	76	400	280	[57]	[542]	[379]
	07	76	400	280	[57]	[542]	[379]
	09	71	375	263	[53]	[508]	[356]
	12	62	325	228	[46]	[441]	[309]
	13	62	325	228	[46]	[441]	[309]
RL	03	38	200	N/A	[28]	[271]	N/A
	05	38	200	N/A	[28]	[271]	N/A
82	05	95	500	350	[71]	[678]	[475]
	06	85	450	315	[63]	[610]	[427]
	08	85	450	315	[63]	[610]	[427]
	09	78	410	287	[58]	[556]	[389]
	10	78	410	287	[58]	[556]	[389]
	12	71	375	263	[53]	[508]	[356]
	13	71	375	263	[53]	[508]	[356]
	15	67	350	245	[50]	[475]	[332]
19	57	300	210	[43]	[407]	[285]	
FR62	06	29	150	105	[22]	[203]	[142]
FR63	06	36	190	133	[27]	[258]	[181]

\*\*FR66 limit in mobile applications continuous intermittent

The HC, PZ, and RS Series PTOs vary in their torque and horsepower ratings and are based on the transmission on which they are mounted. The torque rating of these PTOs are shown on their respective application pages or you may contact Muncie Power Products, Inc. Product Engineering Dept. for this information.

PTO SERIES	SPEED RATIO	INTERMITTENT HP@1000 RPM	INTERMITTENT TORQUE LBS.FT.	CONTINUOUS TORQUE LBS.FT.	INTERMITTENT [KW]@1000 RPM	INTERMITTENT TORQUE [NM]	CONTINUOUS TORQUE [NM]
FR64/67	06	36	190	133	[27]	[258]	[181]
FR66/FR6Q	09	39	200	140	[29]	[271]	[190]
		22	**120	120	[16]	[162]	[162]
CD10	05	76	400	280	[57]	[542]	[379]
	06	73	385	270	[54]	[522]	[365]
	07	68	360	252	[51]	[488]	[342]
	08	64	336	235	[48]	[456]	[319]
	10	59	310	217	[44]	[420]	[294]
	12	50	260	182	[37]	[352]	[246]
15	43	225	158	[32]	[305]	[214]	
CD40	07	114	600	420	[85]	[813]	[569]
CS10/11	05	95	500	350	[71]	[678]	[475]
	06	91	480	336	[68]	[651]	[456]
	07	86	450	315	[64]	[610]	[427]
	08	80	420	294	[60]	[569]	[398]
	10	73	385	270	[54]	[522]	[365]
CS24/25	05	62	325	228	[46]	[440]	[308]
	06	62	325	228	[46]	[440]	[308]
	07	58	305	214	[43]	[414]	[290]
	08	56	295	207	[42]	[400]	[280]
	10	55	290	203	[41]	[393]	[275]
	11	48	250	175	[36]	[338]	[237]
	12	48	250	175	[36]	[338]	[237]
15	38	200	140	[28]	[271]	[190]	
HS24	06	62	325	228	[46]	[440]	[308]
	07	58	305	214	[43]	[414]	[290]
	09	55	290	203	[41]	[393]	[275]
	12	48	250	175	[36]	[338]	[237]
CS41	07	114	600	420	[85]	[813]	[569]
	10	103	545	382	[76]	[739]	[517]
	12	93	490	343	[70]	[664]	[465]
MC1	05	77	400	400	[57]	[542]	[542]
	06	77	400	400	[57]	[542]	[542]
	07	79	415	415	[59]	[563]	[563]
	08	69	360	360	[51]	[488]	[488]
	09	65	340	340	[48]	[461]	[461]
	10	59	310	310	[44]	[420]	[420]
	11	52	275	275	[39]	[373]	[373]
	12	50	265	265	[37]	[359]	[359]
	15	39	205	205	[29]	[278]	[278]