

HP TORQUE REQUIREMENT

	HP Requirements												FAD		Torque ft-lbf											
	Pressure (PSI)						Vacuum (inch Hg)						CFM	RPM	Pressure (PSI)						Vacuum (inch Hg)					
	25	20	15	10	5	0	5	10	15	20	25	28			25	20	15	10	5	0	5	10	15	20	25	28
1400		64	59	49	38	37	36	35	35	35	34	33	650	1000		334	310	256	200	192	189	184	184	181	179	173
1400		83	77	64	51	47	46	45	44	44	44	43	780	1200		361	337	280	223	206	201	197	193	193	190	188
1400		89	84	69	54	51	49	48	48	48	47	47	845	1300		360	339	279	218	206	198	194	194	192	190	190
1400		95	89	73	58	53	53	52	51	51	50	50	910	1400		356	334	274	218	199	197	195	191	189	188	188
1200	65	59	52	45	40	33	33	35	36	38	41	42	600	1000	343	311	273	238	210	174	174	182	190	202	214	222
800	46	40	33	27	21	14	15	15	17	18	18	20	400	1000												
870	44	41	39	37	34	31	29	28	29	30	31	32	500	1375	168	157	149	139	130	118	111	107	111	115	118	122
500	32	30	28	26	24	23	22	21	19	18	18	17	332	1375	123	115	106	100	91	88	85	79	73	71	68	65
370	28	25	21	18	15	12	12	11	10	10	9	8	267	1375	106	94	81	68	59	47	44	41	38	37	35	32
250	14	13	12	10	9	8	7	7	6	6	6	5	163	1375	53	48	44	38	35	29	28	26	24	22	22	21
172	X	10	9	7	5	4	5	5	6	6	7	X	125	1375	X	0	0	0	0	0	0	0	0	0	0	X
344	X	17	15	12	10	8	9	9	10	11	12	X	213	1375	X	0	0	0	0	0	0	0	0	0	0	X

Not Recommended with Belt Drive

Note: For dedicated engine power requirement multiply the above HP by 1.3.

5/7/24 K.A.