

Rotary Power C-Range Horsepower Requirements

RPM	C01 pump HP requirements														0.12
1750	0.27	0.40	0.54	0.67	0.81	0.94	1.08	1.21	1.35	1.48	1.62	1.75	1.89	2.02	2.16
1500	0.23	0.35	0.46	0.58	0.69	0.81	0.92	1.04	1.16	1.27	1.39	1.50	1.62	1.73	1.85
1250	0.19	0.29	0.39	0.48	0.58	0.67	0.77	0.87	0.96	1.06	1.16	1.25	1.35	1.44	1.54
1000	0.15	0.23	0.31	0.39	0.46	0.54	0.62	0.69	0.77	0.85	0.92	1.00	1.08	1.16	1.23
750	0.12	0.17	0.23	0.29	0.35	0.40	0.46	0.52	0.58	0.64	0.69	0.75	0.81	0.87	0.92
500	0.08	0.12	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.42	0.46	0.50	0.54	0.58	0.62
250	0.04	0.06	0.08	0.10	0.12	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.31
PSI	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000
RPM	C04 pump HP requirements														0.37
1750	0.81	1.21	1.62	2.02	2.43	2.83	3.24	3.64	4.05	4.45	4.85	5.26	5.66	6.07	6.47
1500	0.69	1.04	1.39	1.73	2.08	2.43	2.77	3.12	3.47	3.81	4.16	4.51	4.85	5.20	5.55
1250	0.58	0.87	1.16	1.44	1.73	2.02	2.31	2.60	2.89	3.18	3.47	3.76	4.05	4.33	4.62
1000	0.46	0.69	0.92	1.16	1.39	1.62	1.85	2.08	2.31	2.54	2.77	3.01	3.24	3.47	3.70
750	0.35	0.52	0.69	0.87	1.04	1.21	1.39	1.56	1.73	1.91	2.08	2.25	2.43	2.60	2.77
500	0.23	0.35	0.46	0.58	0.69	0.81	0.92	1.04	1.16	1.27	1.39	1.50	1.62	1.73	1.85
250	0.12	0.17	0.23	0.29	0.35	0.40	0.46	0.52	0.58	0.64	0.69	0.75	0.81	0.87	0.92
PSI	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000
RPM	C07 pump HP requirements														0.70
1750	1.6	2.3	3.1	3.9	4.7	5.4	6.2	7.0	7.8	8.5	9.3	10.1	10.9	11.6	12.4
1500	1.3	2.0	2.7	3.3	4.0	4.7	5.3	6.0	6.6	7.3	8.0	8.6	9.3	10.0	10.6
1250	1.1	1.7	2.2	2.8	3.3	3.9	4.4	5.0	5.5	6.1	6.6	7.2	7.8	8.3	8.9
1000	0.9	1.3	1.8	2.2	2.7	3.1	3.5	4.0	4.4	4.9	5.3	5.8	6.2	6.6	7.1
750	0.7	1.0	1.3	1.7	2.0	2.3	2.7	3.0	3.3	3.7	4.0	4.3	4.7	5.0	5.3
500	0.4	0.7	0.9	1.1	1.3	1.6	1.8	2.0	2.2	2.4	2.7	2.9	3.1	3.3	3.5
250	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.6	1.7	1.8
PSI	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000
RPM	C20 pump HP requirements														2.0
1750	4.45	6.68	8.90	11.13	13.35	15.58	17.80	20.03	22.25	24.48	26.70	28.93	31.15	33.38	35.60
1500	3.81	5.72	7.63	9.54	11.44	13.35	15.26	17.16	19.07	20.98	22.89	24.79	26.70	28.61	30.52
1250	3.18	4.77	6.36	7.95	9.54	11.13	12.71	14.30	15.89	17.48	19.07	20.66	22.25	23.84	25.43
1000	2.54	3.81	5.09	6.36	7.63	8.90	10.17	11.44	12.71	13.99	15.26	16.53	17.80	19.07	20.34
750	1.91	2.86	3.81	4.77	5.72	6.68	7.63	8.58	9.54	10.49	11.44	12.40	13.35	14.30	15.26
500	1.27	1.91	2.54	3.18	3.81	4.45	5.09	5.72	6.36	6.99	7.63	8.26	8.90	9.54	10.17
250	0.64	0.95	1.27	1.59	1.91	2.23	2.54	2.86	3.18	3.50	3.81	4.13	4.45	4.77	5.09
PSI	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000
RPM	C38 pump HP requirements														3.8
1750	8.36	12.54	16.72	20.90	25.08	29.26	33.44	37.62	41.80	45.98	50.16	54.35	58.53	62.71	66.89
1500	7.17	10.75	14.33	17.92	21.50	25.08	28.67	32.25	35.83	39.42	43.00	46.58	50.16	53.75	57.33
1250	5.97	8.96	11.94	14.93	17.92	20.90	23.89	26.87	29.86	32.85	35.83	38.82	41.80	44.79	47.78
1000	4.78	7.17	9.56	11.94	14.33	16.72	19.11	21.50	23.89	26.28	28.67	31.05	33.44	35.83	38.22
750	3.58	5.37	7.17	8.96	10.75	12.54	14.33	16.12	17.92	19.71	21.50	23.29	25.08	26.87	28.67
500	2.39	3.58	4.78	5.97	7.17	8.36	9.56	10.75	11.94	13.14	14.33	15.53	16.72	17.92	19.11
250	1.19	1.79	2.39	2.99	3.58	4.18	4.78	5.37	5.97	6.57	7.17	7.76	8.36	8.96	9.56
PSI	500	750	1000	1250	1500	1750	2000	2250	2500	2750	3000	3250	3500	3750	4000