

Size Motor version	Displacement	Moment inertia of rotating parts	Theoretical specific torque	Min. start. torque / Theoretical torque	Maximum Pressure					Speed range		Maximum output power		Weight	
					input			A+B *	Drain	flushing		flushing			
					cont.	int.	peak			without	with	without	with		
					V	J		%	p	p	p	p	p		n
in <sup>3</sup>	lb.in <sup>2</sup>	lb.ft/psi		psi	psi	psi	psi	psi	rpm	rpm	Hp	Hp	lb		
M R	33	1.96	1.48	0.025	90	3626	4351	6092	5802	72.5 (218 psi with "F1" shaft seal)	1-1400	1-1400	8.9	13.4	66.14
	57	3.44	1.59	0.046	90						1-1300	1-1300	14.8	22.8	66.14
	73	4.43	4.79	0.061	90						1-1200	1-1200	20.2	26.8	83.78
	93	5.65	5.16	0.076	90						1-1150	1-1150	22.8	33.5	83.78
	110	6.65	5.53	0.087	90						1-1100	1-1100	24.1	37.6	83.78
	125	7.61	19.44	0.102	90						1-900	1-900	22.8	33.5	101.4
	160	9.75	19.65	0.129	90						1-900	1-900	26.8	40.2	101.4
	190	11.69	19.89	0.155	90						1-850	1-850	32.2	48.3	101.4
	200	12.16	19.56	0.163	90						1-800	1-800	33.5	51.0	110.2
	250	15.31	20.78	0.203	90						1-800	1-800	42.9	64.4	110.2
	300	18.56	22.36	0.244	90						1-750	1-750	46.9	71.1	110.2
	350	21.33	77.19	0.283	90						1-640	1-640	55.0	83.1	169.8
	450	27.56	78.53	0.366	90						1-600	1-600	61.7	100.6	169.8
	600	37.10	90.58	0.493	90						1-520	1-520	75.1	112.6	213.8
	700	43.09	122.47	0.575	90						1-500	1-500	87.2	130.1	213.8
	1100	68.7	154.28	0.910	90						0.5-330	0.5-330	103.3	159.6	308.6
	1600	97.5	227.73	1.292	90						0.5-260	0.5-260	128.7	193.1	460.8
	1800	110.4	291.86	1.465	90						0.5-250	0.5-250	138.1	205.2	460.8
	2400	139.9	968.89	1.937	90						0.5-220	0.5-220	160.9	245.4	716.5
	2800	170.4	1016.83	2.263	90						0.5-215	0.5-215	170.3	260.2	716.5
3600	221.9	1657.78	2.944	90	0.5-150	0.5-180	164.9	248.1	1120						
4500	274.8	1713.72	3.346	91	0.5-130	0.5-170	187.7	281.6	1120						
6500	394.2	3887.52	5.267	91	0.5-110	0.5-130	221.3	321.8	1764						
7000	408.7	3887.52	5.665	91	0.5-100	0.5-130	228	335.3	1764						
M R E	330	20.28	22.38	0.270	90	3046	3626	5076	5802	72.5 (218 psi with "F1" shaft seal)	1-750	1-750	42.9	65.7	110.2
	500	30.38	78.53	0.403	90						1-600	1-600	61.7	93.9	169.8
	800	49.08	122.47	0.651	90						1-450	1-450	87.2	124.7	213.8
	1400	83.6	154.28	1.109	92						0.5-280	0.5-280	103.3	136.8	319.7
	2100	127.6	291.86	1.693	91						0.5-250	0.5-250	134.1	198.5	487.2
	3100	189.4	1016.83	2.512	91						0.5-215	0.5-215	167.6	254.8	725.3
	5400	329.6	1713.72	4.374	92						0.5-120	0.5-160	187.7	281.6	1129
	8200	502	3887.52	6.657	92						0.5-90	0.5-120	228	335.3	1786