

# Single Stage End Suction Centrifugal Pump Performance Parameter Table

NO	Model	Flow		Head	Efficiency	Shaft Power	Motor	Speed	NPSH
		m <sup>3</sup> /h	L/S	m	%	KW	KW	RPM	m
1	50-32-125	33.6	9.3	37.4	69	5.0	7.5	3500	2.7
		26.4	7.3	31.7	67	3.4	5.5		
		22.8	6.3	24.5	65	2.3	4		
2	50-32-160	30.0	8.3	57.6	70	6.7	11	3500	4.5
		26.4	7.3	47.5	68	5.0	7.5		
		24.0	6.7	40.3	66	4.0	5.5		
3	50-32-200	30.0	8.3	83.5	64	10.7	15	3500	3.8
		26.4	7.3	69.1	61	8.1	11		
		24.0	6.7	54.7	58	6.2	7.5		
4	50-32-250	32.4	9.0	136.8	55	21.9	30	3500	4
		28.8	8.0	112.3	53	16.6	22		
		26.4	7.3	92.2	50	13.2	18.5		
5	65-50-125	50.4	14.0	37.4	80	6.4	7.5	3500	3.5
		44.4	12.3	28.8	77	4.5	5.5		
		38.4	10.7	23.0	75	3.2	4		
6	65-50-160	50.4	14.0	60.5	73	11.4	15	3500	3.5
		43.2	12.0	49.0	71	8.1	11		
		38.4	10.7	38.9	68	6.0	7.5		
7	65-40-200	54.0	15.0	80.6	65	18.2	22	3500	3.5
		48.0	13.3	64.8	63	13.4	18.5		
		43.2	12.0	51.8	60	10.2	15		
8	65-40-250	66.0	18.3	136.8	65	37.8	45	3500	4.8
		60.0	16.7	115.2	63	29.9	37		
		57.6	16.0	108.0	62	27.3	30		
		52.8	14.7	86.4	60	20.7	30		
9	65-40-315	66.0	18.3	187.2	57	59.0	75	3500	7
		60.0	16.7	158.4	55	47.0	55		
		50.4	14.0	126.7	52	33.4	45		
10	80-65-125	96.0	26.7	31.7	82	10.1	15	3500	4.5
		86.4	24.0	24.5	80	7.2	11		
		76.8	21.3	19.4	76	5.3	7.5		
11	80-65-160	96.0	26.7	60.5	79	20.0	22	3500	4.9
		86.4	24.0	50.4	77	15.4	18.5		
		78.0	21.7	38.9	74	11.2	15		
12	80-50-200	96.0	26.7	92.2	76	31.7	37	3500	5
		91.2	25.3	79.2	74	26.6	30		
		84.0	23.3	66.2	71	21.3	30		
13	80-50-250	96.0	26.7	141.1	70	52.7	75	3500	4.8
		90.0	25.0	118.1	68	42.5	55		
		79.2	22.0	96.5	65	32.0	45		

NO	Model	Flow		Head	Efficiency	Shaft Power	Motor	Speed	NPSH
		m3/h	L/S	m	%	KW	KW	RPM	m
14	80-50-	120.0	33.3	204.5	68	98.2	110	3500	6
		114.0	31.7	180.0	66	84.6	110		
		102.0	28.3	151.2	63	66.6	75		
15	100-80-125	156.0	43.3	31.7	81	16.6	18.5	3500	5.8
		132.0	36.7	25.9	78	11.9	15		
		114.0	31.7	20.2	74	8.5	11		
16	100-80-160	168.0	46.7	51.8	83	28.6	37	3500	5.5
		150.0	41.7	40.3	80	20.6	30		
		132.0	36.7	31.7	78	14.6	18.5		
17	100-65-200	168.0	46.7	92.2	79	53.4	75	3500	5.8
		150.0	41.7	79.2	77	42.0	55		
		132.0	36.7	63.4	74	30.8	37		
18	100-65-250	192.0	53.3	144.0	83	90.7	110	3500	6
		180.0	50.0	128.2	82	76.6	90		
		174.0	48.3	115.2	81	67.4	75		
		156.0	43.3	93.6	78	51.0	55		
19	100-65-315	192.0	53.3	230.4	73	165.0	185	3500	6.8
		180.0	50.0	208.8	71	144.1	160		
		156.0	43.3	187.2	69	115.2	132		
		120.0	33.3	158.4	63	82.1	110		
20	125-80-160	240.0	66.7	47.5	84	37.0	45	3500	7.5
		234.0	65.0	44.6	83	34.3	37		
		216.0	60.0	37.4	81	27.2	30		
		192.0	53.3	28.8	79	19.1	22		
21	125-80-200	216.0	60.0	83.5	79	62.2	75	3500	6
		216.0	60.0	77.8	78	58.6	75		
		192.0	53.3	66.2	76	45.6	55		
		162.0	45.0	57.6	73	34.8	45		
22	125-80-250	222.0	61.7	121.0	81	90.2	110	3500	6
		216.0	60.0	113.8	81	82.6	90		
		204.0	56.7	97.9	79	68.8	75		
		186.0	51.7	85.0	76	56.6	75		
23	125-80-315	240.0	66.7	201.6	80	164.6	185	3500	6.8
		228.0	63.3	172.8	77	139.3	160		
		216.0	60.0	144.0	75	112.9	132		
24	125-80-400	252.0	70.0	316.8	65	334.3	355	3500	7.8
		240.0	66.7	273.6	61	293.0	315		
		216.0	60.0	244.8	59	244.0	280		
25	125-100-160	312.0	86.7	51.8	77	57.2	75	3500	8
		288.0	80.0	43.2	75	45.2	55		
		252.0	70.0	34.6	72	32.9	37		
26	125-100-200	336.0	93.3	76.3	82	85.1	110	3500	6
		312.0	86.7	63.4	79	68.1	75		
		276.0	76.7	47.5	77	46.4	55		

NO	Model	Flow		Head	Efficiency	Shaft Power	Motor	Speed	NPSH
		m3/h	L/S	m	%	KW	KW	RPM	m
27	125-100-250	336.0	93.3	138.2	82	154.2	185	3500	7
		312.0	86.7	132.5	81	138.9	160		
		300.0	83.3	115.2	80	117.6	132		
		264.0	73.3	92.2	77	86.0	110		
28	125-100-315	348.0	96.7	244.8	78	297.3	355	3500	7.2
		336.0	93.3	230.4	77	273.7	315		
		324.0	90.0	201.6	74	240.3	280		
		300.0	83.3	172.8	72	196.0	220		
29	125-100-400	360.0	100.0	345.6	70	483.8	550	3500	8
		336.0	93.3	309.6	67	422.7	500		
		288.0	80.0	302.4	65	364.7	400		
		264.0	73.3	259.2	63	295.7	355		
30	150-125-200	552.0	153.3	72.0	78	138.7	160	3500	7.5
		516.0	143.3	63.4	76	117.1	132		
		456.0	126.7	49.0	72	84.4	110		
31	150-125-250	540.0	150.0	115.2	82	206.5	250	3500	8
		504.0	140.0	97.9	79	170.1	200		
		468.0	130.0	83.5	76	140.0	160		
32	150-125-315	552.0	153.3	237.6	80	446.3	500	3500	8
		504.0	140.0	216.0	78	379.9	450		
		480.0	133.3	201.6	76	346.6	400		
		468.0	130.0	180.0	74	309.9	355		
		444.0	123.3	167.0	73	276.6	315		
33	200-150-250	744.0	206.7	129.6	77	340.9	400	3500	8
		720.0	200.0	122.4	76	315.7	355		
		684.0	190.0	115.2	75	286.0	315		
		648.0	180.0	103.7	74	247.2	280		
		600.0	166.7	86.4	72	196.0	250		
34	200-150-315	792.0	220.0	184.3	81	490.6	550	3500	8
		768.0	213.3	172.8	80	451.6	500		
		720.0	200.0	151.2	78	379.9	450		
		672.0	186.7	129.6	76	311.9	355		

NO	Model	Flow		Head	Efficiency	Shaft Power	Motor	Speed	NPSH
		m3/h	L/S	m	%	KW	KW	RPM	m
1	50-32-125	16.8	4.7	9.8	63.0	0.7	1.1	1750	2.7
		14.4	4.0	7.9	61.0	0.5	0.75		
		13.2	3.7	6.2	58.0	0.4	0.5		
2	50-32-160	16.8	4.7	14.4	62.0	1.1	1.5	1750	2.7
		15.6	4.3	11.5	60.0	0.8	1.1		
		14.4	4.0	9.4	57.0	0.6	0.75		
3	50-32-200	14.4	4.0	21.6	63.0	1.3	2.2	1750	2.5
		13.2	3.7	17.3	61.0	1.0	1.5		
		12.0	3.3	14.4	58.0	0.8	1.1		
4	50-32-250	16.8	4.7	34.6	49.0	3.2	4	1750	4
		15.6	4.3	28.8	47.0	2.6	3		
		14.4	4.0	23.0	44.0	2.1	3		
5	65-50-125	26.4	7.3	8.9	74.0	0.9	1.5	1750	2.5
		24.0	6.7	7.2	71.0	0.7	1.1		
		21.6	6.0	5.8	68.0	0.5	0.75		
6	65-50-160	26.4	7.3	14.4	74.0	1.4	2.2	1750	4
		24.0	6.7	11.5	71.0	1.1	1.5		
		21.6	6.0	9.4	67.0	0.8	1.1		
7	65-40-200	26.4	7.3	20.9	66.0	2.3	3	1750	2.7
		24.0	6.7	16.6	64.0	1.7	2.2		
		21.6	6.0	13.0	61.0	1.2	1.5		
8	65-40-250	33.6	9.3	33.1	65.0	4.7	5.5	1750	4
		30.0	8.3	27.4	63.0	3.5	4		
		26.4	7.3	21.6	60.0	2.6	3		
9	65-40-315	40.8	11.3	46.1	58.0	8.8	11	1750	4
		38.4	10.7	40.3	56.0	7.5	7.5		
		33.6	9.3	31.7	53.0	5.5	7.5		
10	80-65-125	54.0	15.0	7.2	81.0	1.3	1.5	1750	4
		48.0	13.3	5.8	78.0	1.0	1.1		
		43.2	12.0	4.3	75.0	0.7	1.1		
11	80-65-160	48.0	13.3	14.4	76.0	2.5	3	1750	4
		45.6	12.7	11.5	74.0	1.9	2.2		
		39.6	11.0	8.6	72.0	1.3	1.5		
12	80-50-200	54.0	15.0	22.3	73.0	4.5	5.5	1750	3
		48.0	13.3	18.7	71.0	3.4	4		
		43.2	12.0	14.4	68.0	2.5	3		
13	80-50-250	54.0	15.0	34.6	71.0	7.2	11	1750	3.5
		51.6	14.3	28.8	69.0	5.9	7.5		
		48.0	13.3	23.0	66.0	4.6	5.5		

NO	Model	Flow		Head	Efficiency	Shaft Power	Motor	Speed	NPSH
		m3/h	L/S	m	%	KW	KW	RPM	m
14	80-50-315	84.0	23.3	43.2	71.0	13.9	15	1750	4
		80.4	22.3	40.3	70.0	12.6	15		
		72.0	20.0	34.6	67.0	10.1	11		
15	100-80-125	84.0	23.3	8.4	81.0	2.4	3	1750	3
		78.0	21.7	6.5	79.0	1.7	2.2		
		67.2	18.7	5.2	76.0	1.2	1.5		
16	100-80-160	96.0	26.7	12.2	82.0	3.9	5.5	1750	3.5
		86.4	24.0	10.1	80.0	3.0	4		
		76.8	21.3	7.9	77.0	2.2	3		
17	100-65-200	91.2	25.3	21.6	78.0	6.9	7.5	1750	3.8
		84.0	23.3	18.0	76.0	5.4	7.5		
		76.8	21.3	14.4	73.0	4.1	5		
18	100-65-250	108.0	30.0	36.0	79.0	13.4	15	1750	3.5
		100.8	28.0	30.2	77.0	10.8	15		
		90.0	25.0	24.5	74.0	8.1	11		
19	100-65-315	108.0	30.0	51.8	74.0	20.6	15	1750	3.5
		98.4	27.3	43.2	71.0	16.3	11		
		90.0	25.0	36.0	67.0	13.2	11		
20	125-80-160	96.0	26.7	11.5	77.0	3.9	5.5	1750	3
		84.0	23.3	9.4	75.0	2.9	4		
		74.4	20.7	7.2	73.0	2.0	3		
21	125-80-200	102.0	28.3	23.0	80.0	8.0	11	1750	3.8
		92.4	25.7	18.7	78.0	6.0	7.5		
		84.0	23.3	14.4	75.0	4.4	5.5		
22	125-80-250	108.0	30.0	30.2	80.0	11.1	15	1750	3.5
		103.2	28.7	25.9	76.0	9.6	11		
		93.6	26.0	22.3	73.0	7.8	11		
23	125-80-315	132.0	36.7	51.8	80.0	23.3	30	1750	4
		120.0	33.3	44.6	78.0	18.7	22		
		108.0	30.0	37.4	75.0	14.7	18.5		
24	125-80-400	132.0	36.7	74.9	60.0	44.8	55	1750	4
		120.0	33.3	63.4	57.0	36.3	45		
		112.8	31.3	54.7	54.0	31.1	37		
25	125-100-160	156.0	43.3	13.0	78.0	7.1	11	1750	7
		138.0	38.3	10.5	76.0	5.2	7.5		
		120.0	33.3	8.4	73.0	3.7	5.5		
26	125-100-200	162.0	45.0	18.7	76.0	10.9	15	1750	3
		144.0	40.0	14.4	73.0	7.7	11		
		129.6	36.0	11.5	70.0	5.8	7.5		

NO	Model	Flow		Head	Efficiency	Shaft Power	Motor	Speed	NPSH
		m3/h	L/S	m	%	KW	KW	RPM	m
27	125-100-250	168.0	46.7	34.6	79.0	20.0	22	1750	3.5
		156.0	43.3	27.4	77.0	15.1	18.5		
		132.0	36.7	21.6	74.0	10.5	15		
28	125-100-315	216.0	60.0	51.8	82.0	37.2	45	1750	4
		204.0	56.7	44.6	80.0	31.0	37		
		192.0	53.3	41.8	78.0	28.0	37		
		180.0	50.0	36.0	75.0	23.5	30		
29	125-100-400	216.0	60.0	86.4	77.0	66.0	75	1750	4.5
		204.0	56.7	72.0	75.0	53.3	75		
		186.0	51.7	61.9	72.0	43.5	55		
30	125-100-500	198.0	55.0	122.4	63.0	104.7	132	1750	5.5
		180.0	50.0	105.1	61.0	84.4	110		
		168.0	46.7	86.4	58.0	68.1	75		
31	150-125-200	312.0	86.7	18.7	78.0	20.4	30	1750	5
		288.0	80.0	15.8	75.0	16.6	22		
		258.0	71.7	13.0	72.0	12.6	15		
32	200-150-200	480.0	133.3	14.4	86.0	21.9	30	1750	5
		432.0	120.0	11.5	84.0	16.1	18.5		
		396.0	110.0	10.1	81.0	13.4	15		
33	150-125-250	336.0	93.3	28.8	84.0	31.4	37	1750	4.5
		312.0	86.7	23.8	82.0	24.6	30		
		282.0	78.3	19.4	78.0	19.1	22		
34	150-125-315	336.0	93.3	53.3	86.0	56.7	75	1750	4.5
		312.0	86.7	43.2	83.0	44.2	55		
		276.0	76.7	34.6	80.0	32.5	37		
35	150-125-400	336.0	93.3	89.3	83.0	98.4	110	1750	3.5
		312.0	86.7	79.2	82.0	82.0	90		
		288.0	80.0	69.1	80.0	67.7	75		
		264.0	73.3	60.5	78.0	55.7	75		
36	150-125-500	336.0	93.3	126.7	77.0	150.5	185	1750	4.5
		312.0	86.7	115.2	74.0	132.2	160		
		300.0	83.3	103.7	72.0	117.6	132		
		288.0	80.0	95.0	70.0	106.4	132		
37	200-150-250	516.0	143.3	33.1	86.0	54.1	75	1750	4.8
		480.0	133.3	30.2	83.0	47.6	55		
		420.0	116.7	23.8	80.0	34.0	45		
38	200-150-315	540.0	150.0	51.8	86.0	88.6	110	1750	5
		492.0	136.7	43.2	84.0	68.9	90		
		456.0	126.7	37.4	81.0	57.4	75		

NO	Model	Flow		Head	Efficiency	Shaft Power	Motor	Speed	NPSH
		m3/h	L/S	m	%	KW	KW	RPM	m
39	200-150-400	564.0	156.7	77.8	85.0	140.5	160	1750	5.2
		528.0	146.7	66.2	82.0	116.1	132		
		456.0	126.7	51.8	79.0	81.5	90		
40	200-150-500	540.0	150.0	122.4	79.0	227.8	250	1750	5.8
		516.0	143.3	110.9	77.0	202.3	250		
		480.0	133.3	97.9	75.0	170.6	200		
41	200-200-250	444.0	123.3	82.1	72.0	137.8	160	1750	8
		660.0	183.3	20.2	86.0	42.1	55		
		624.0	173.3	17.3	84.0	34.9	45		
42	250-200-315	576.0	160.0	15.1	82.0	28.9	37	1750	5
		840.0	233.3	47.5	86.0	126.4	160		
		720.0	200.0	43.2	84.0	100.8	110		
43	250-200-400	660.0	183.3	37.4	82.0	82.0	90	1750	5.5
		576.0	160.0	33.1	78.0	66.6	75		
		816.0	226.7	77.8	85.0	203.2	250		
44	250-200-500	780.0	216.7	69.1	83.0	176.8	200	1750	5.5
		696.0	193.3	60.5	81.0	141.5	160		
		864.0	240.0	112.3	82.0	322.2	355		
45	300-250-315	840.0	233.3	109.4	81.0	309.0	355	1750	7.5
		816.0	226.7	100.8	80.0	279.9	315		
		780.0	216.7	92.2	79.0	247.7	280		
46	300-250-400	720.0	200.0	77.8	77.0	197.9	250	1750	7.5
		1080.0	300.0	43.2	86.0	147.7	185		
		1056.0	293.3	40.3	85.0	136.4	160		
47	300-250-500	1008.0	280.0	36.0	83.0	119.0	132	1750	7.5
		900.0	250.0	30.2	80.0	92.6	110		
		1140.0	316.7	69.1	86.0	249.4	280		
48	350-300-315	1128.0	313.3	67.7	86.0	241.7	280	1750	8.2
		1056.0	293.3	60.5	84.0	207.0	250		
		972.0	270.0	51.8	82.0	167.3	200		
49	300-250-500	1440.0	400.0	118.1	85.0	544.6	630	1750	7.5
		1380.0	383.3	109.4	84.0	489.4	560		
		1320.0	366.7	100.8	83.0	436.4	500		
50	350-300-315	1260.0	350.0	92.2	81.0	390.3	450	1750	8.2
		1200.0	333.3	83.5	80.0	341.0	400		
		2040.0	566.7	43.2	86.0	279.0	315		
51	350-300-315	1920.0	533.3	37.4	84.0	233.0	280	1750	8.2
		1800.0	500.0	33.1	81.0	200.4	250		

NO	Model	Flow		Head	Efficiency	Shaft Power	Motor	Speed	NPSH
		m3/h	L/S	m	%	KW	KW	RPM	m
49	350-300-400	1872.0	520.0	57.6	87.0	337.4	400	1750	7.8
		1812.0	503.3	53.3	86.0	305.6	355		
		1740.0	483.3	50.4	84.0	284.2	315		
		1656.0	460.0	44.6	83.0	242.5	280		
		1536.0	426.7	38.9	82.0	198.3	250		
50	350-300-500	1980.0	550.0	100.8	86.0	631.8	710	1750	7.8
		1920.0	533.3	95.0	85.0	584.4	630		
		1800.0	500.0	83.5	84.0	487.2	560		
		1680.0	466.7	74.9	81.0	422.8	500		