

IM MODEL SINGLE-STAGE CENTRIFUGAL PUMP

PERFORMANCE TABLE

pump type	Capacity		Head (m)	Speed (r/min)	Power(kw)		Eff. (%)	Weight (Kg)	(NPSHr (m))
	(m ³ /h)	(L/s)			Shaft power	Motor power			
IM 50-32-125	7.5	2.08	23	2900	1.09	2.2	43	45	2
	12.5	3.47	20		1.33		51		2
	15	4.17	18		1.50		49		2.5
	3.75	1.04	5.75	1450	0.16	0.55	36	45	2
	6.3	1.75	5		0.19		45		2
	7.5	2.08	4.5		0.21		44		2.5
IM 50-32-125A	6.8	1.89	18.8	2900	0.87	1.5	40	45	2
	11.3	3.14	16.4		1.01		50		2
	13.6	3.78	14.7		1.16		47		2.5
	3.4	0.94	4.7	1450	0.13	0.55	33.3	45	2
	5.7	1.58	4.1		0.15		43		2
	6.8	1.89	3.7		0.16		42		2.5
IM 50-32-160	7.5	2.08	34.5	2900	2.13	3	33	48	2
	12.5	3.47	32		2.37		46		2
	15	4.17	30		2.45		50		2.5
	3.75	1.04	8.6	1450	0.3	0.55	29	48	2
	6.3	1.75	8		0.34		40		2
	7.5	2.08	7.5		0.36		43		2.5
IM 50-32-160A	6.8	1.89	28.5	2900	1.76	3	30	48	2
	11.3	3.14	26.4		1.85		44		2
	13.6	3.78	24.8		1.91		48		2.5
	3.4	0.94	7.1	1450	0.25	0.55	25.9	48	2
	5.7	1.58	6.6		0.28		37.1		2
	6.8	1.89	6.2		0.28		41		2.5
IM 50-32-200	7.5	2.08	51.8	2900	3.78	5.5	28	58	2
	12.5	3.47	50		4.36		39		2
	15	4.17	48		4.56		43		2.5
	3.75	1.04	12.9	1450	0.57	1.1	23	58	2
	6.3	1.75	12.5		0.65		33		2
	7.5	2.08	12		0.68		36		2.5
IM 50-32-200A	6.8	1.89	42.7	2900	3.16	4	25	58	2
	11.3	3.14	41		3.24		38		2
	13.6	3.78	39.5		3.57		41		2.5
	3.4	0.94	10.6	1450	0.49	0.75	20	58	2
	5.7	1.58	10.3		0.52		31		2
	6.8	1.89	9.9		0.54		34		2.5
IM 50-32-250	7.5	2.08	82	2900	7.28	11	23	92	2
	12.5	3.47	80		8.25		33		2
	15	4.17	78.5		8.79		36.5		2.5
	3.75	1.04	20.5	1450	1.23	2.2	17	92	2
	6.3	1.75	20		1.27		27		2
	7.5	2.08	19.6		1.29		31		2.5
IM 50-32-250A	7	1.94	71.9	2900	6.84	11	20	92	2
	11.7	3.25	70		6.97		32		2
	14	3.89	68.8		7.71		34		2.5
	3.51	0.98	18	1450	1.12	1.5	15.4	92	2
	5.9	1.64	17.5		1.25		25		2
	7.02	1.95	17.2		1.18		27.9		2.5
IM 50-32-250B	6.6	1.83	63.6	2900	5.71	7.5	20	92	2
	11	3.06	62		6.19		30		2
	13.2	3.67	60.9		6.64		33		2.5
IM 65-50-125	15	4.17	21.3	2900	1.85	3	47	46	2
	25	6.94	20		2.2		62		2
	30	8.33	18.6		2.41		63		2.5
	7.5	2.08	5.4	1450	0.25	0.55	44	46	2
	12.5	3.47	5		0.31		55		2
	15	4.17	4.5		0.33		56		2.5

IM TYPE PUMP PERFORMANCE

pump type	Capacity		Head (m)	Speed (r/min)	Power(kw)		Eff. (%)	Weight (Kg)	(NPSH)r (m)
	(m³/h)	(L/s)			Shaft power	Motor power			
IM 65-50-125A	13.6	3.78	17.6	2900	1.48	2.2	44	46	2
	22.7	6.31	16.5		1.67		61		2
27.3	7.58	15.4	1.91		59.9		2.5		
IM 65-50-125A	6.8	1.89	4.5	1450	0.20	0.55	41	46	2
	11.3	3.14	4.1		0.23		54		2
	13.6	3.78	3.7		0.26		53		2.5
IM 65-50-160	15	4.17	34.2	2900	3.18	5.5	44	52	2
	25	6.94	32		3.82		57		2
30	8.33	30	4.15		59		2.5		
IM 65-50-160	7.5	2.08	8.55	1450	0.45	0.75	39	52	2
	12.5	3.47	8		0.53		51		2
	15	4.17	7.5		0.58		52.5		2.5
IM 65-50-160A	13.6	3.78	28.4	2900	2.56	4	41	52	2
	22.7	6.31	26.5		2.93		56		2
27.3	7.58	24.8	3.29		56		2.5		
IM 65-50-160A	6.8	1.89	7.09	1450	0.37	0.55	35.5	52	2
	11.3	3.14	6.6		0.41		49.6		2
	13.6	3.78	6.2		0.46		49.9		2.5
IM 65-40-200	15	4.17	53.2	2900	5.3	11	41	62	2
	25	6.94	50		6.55		52		2
30	8.33	47.6	7.27		53.5		2.5		
IM 65-40-200	7.5	2.08	13.3	1450	0.78	1.5	35	62	2
	12.5	3.47	12.5		0.93		46		2
	15	4.17	11.9		1.02		47.5		2.5
IM 65-40-200A	13.6	3.78	43.9	2900	4.28	7.5	38	62	2
	22.7	6.31	41		5.07		50		2
27.3	7.58	39.3	5.73		51		2.5		
IM 65-40-200A	6.8	1.89	11	1450	0.64	1.1	31.8	62	2
	11.3	3.14	10.3		0.72		44		2
	13.6	3.78	9.8		0.81		44.8		2.5
IM 65-40-250	15	4.17	81.2	2900	9.76	15	34	98	2
	25	6.94	80		11.84		46		2
30	8.33	78.4	12.8		50		2.5		
IM 65-40-250	7.5	2.08	20.3	1450	1.48	3	28	98	2
	12.5	3.47	20		1.75		39		2
	15	4.17	19.6		1.86		43		2.5
IM 65-40-250A	14	3.89	71	2900	8.73	15	31	98	2
	23.4	6.5	74.8		10.6		45		2
28	7.78	68.6	11.13		47		2.5		
IM 65-40-250A	7	1.94	17.8	1450	1.35	2.2	25	98	2
	11.7	3.25	17.5		1.47		37.9		2
	14	3.89	17.2		1.64		40		2.5
IM 65-40-250B	13.2	3.67	62.8	2900	7.29	11	31	98	2
	22	6.11	61.8		8.42		44		2
26.4	7.33	53	8.45		45		2.5		
IM 65-40-315	15	4.17	126.8	2900	18.51	30	28	115	2
	25	6.94	125		21.8		39		2
30	8.33	124	23.85		42.5		2.5		
IM 65-40-315	7.5	2.08	32.4	1450	3.03	5.5	22	115	2
	12.5	3.47	32		3.3		33		2
	15	4.17	31.7		3.5		37		2.5
IM 65-40-315A	14	3.89	111.2	2900	16.97	30	25	115	2
	23.4	6.5	109.5		18.36		38		2
28	7.78	108.8	20.75		40		2.5		

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.

IM TYPE PUMP PERFORMANCE

pump type	Capacity		Head (m)	Speed (r/min)	Power(kw)		Eff. (%)	Weight (Kg)	(NPSH) _r (m)
	(m ³ /h)	(L/s)			Shaft power	Motor power			
IM65-40-315A	7	1.94	28.4	1450	2.46	4	22	115	2
	11.7	3.25	28		2.71		33		2
	14	3.89	27.8		2.87		37		2.5
IM65-40-315B	13.2	3.67	98	2900	14.69	22	24	115	2
	22	6.11	96.5		15.63		37		2
	26.4	7.33	95.9		17.67		39		2.5
IM80-65-125	30	8.33	23.2	2900	3.16	5.5	60	51	3
	50	13.89	20		3.95		69		3
	60	16.67	17.6		4.29		67		4
	15	4.17	5.8	1450	0.44	0.75	54	51	2.5
	25	6.94	5		0.53		64		2.5
	30	8.33	4.4		0.58		62		3
IM80-65-125A	27.2	7.56	19.1	2900	2.48	4	57	51	3
	45.3	12.58	16.5		3.04		67		3
	54.4	15.11	14.5		3.36		64		4
	13.6	3.78	4.8	1450	0.35	0.55	51	51	2.5
	22.6	6.28	4.1		0.41		62		2.5
	27.2	7.56	3.6		0.45		59		3
IM80-65-160	30	8.33	36	2900	5.16	11	57	56	2
	50	13.89	32		6.51		67		2.3
	60	16.67	28.4		7.14		65		3.3
	15	4.17	9	1450	0.74	1.5	50	56	2
	25	6.94	8		0.88		62		2.3
	30	8.33	7.2		0.95		62		3.3
IM80-65-160A	27.2	7.56	29.7	2900	4.08	7.5	54	56	2
	45.4	12.61	26.4		5.02		65		2.3
	54.4	15.11	23.4		5.59		62		3.3
	13.6	3.78	7.4	1450	0.58	1.1	47.3	56	2
	22.7	6.31	6.6		0.68		60		2.3
	27.2	7.56	5.9		0.74		59		3.3
IM80-50-200	30	8.33	55.2	2900	8.51	15	53	64	2
	50	13.89	50		10.81		63		2.5
	60	16.67	45.2		11.92		62		3.2
	15	4.17	13.5	1450	1.25	2.2	44	64	2
	25	6.94	12.5		1.49		57		2
	30	8.33	11.5		1.62		58		2.5
IM80-50-200A	27.2	7.56	45.4	2900	6.73	11	50	64	2
	45.3	12.58	41		8.29		61		2.5
	54.4	15.11	37.2		9.35		59		3.2
	13.6	3.78	11.1	1450	1	2.2	41	64	2
	22.7	6.31	10.3		1.14		56.1		2
	27.2	7.56	9.5		1.28		55		2.5
IM80-50-250	30	8.33	84	2900	16	30	43	102	2
	50	13.89	80		20.57		53		2.5
	60	16.67	75		22.71		54		3.2
	15	4.17	21	1450	2.15	5.5	40	102	2
	25	6.94	20		2.72		50		2
	30	8.33	18.8		3.01		51		2.5
IM80-50-250A	27.2	7.56	69	2900	12.18	22	42	102	2
	45.3	12.58	65.7		15.61		52		2.5
	54.4	15.11	61.6		17.57		52		3.2
	13.6	3.78	17.3	1450	1.6	3	40	102	2
	22.7	6.31	16.4		2.07		49		2
	27.2	7.56	15.4		2.28		50		2.5

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.

IM TYPE PUMP PERFORMANCE

pump type	Capacity		Head (m)	Speed (r/min)	Power(kw)		Eff. (%)	Weight (Kg)	(NPSH)r (m)
	(m³/h)	(L/s)			Shaft power	Motor power			
IM 80-50-315	30	8.33	128	2900	27.54	45	38	110	2.5
	50	13.89	125		34.1		50		2.5
60	16.67	123	37.94		53		3		
IM 80-50-315	15	4.17	32.5	1450	3.59	7.5	37	110	2.5
	25	6.94	32		4.54		48		2.5
	30	8.33	31.5		4.94		52		3
IM 80-50-315A	27.2	7.56	105	2900	21	37	37	110	2.5
	45.3	12.58	102.6		26.4		48		2.5
54.4	15.11	101	29.94		50		3		
IM 80-50-315A	13.6	3.78	26.3	1450	2.71	5.5	36	110	2.5
	22.7	6.31	25.7		3.46		46		2.5
	27.2	7.56	25.2		3.74		50		3
IM 100-80-125	60	16.67	23.7	2900	5.96	11	65	56	3
	100	27.78	20		7.47		73		4.2
120	33.33	16.3	7.72		69		4.8		
IM 100-80-125	30	8.33	5.7	1450	0.8	1.5	58	56	3
	50	13.89	5		0.99		69		3.4
	60	16.67	4.1		0.99		68		3.7
IM 100-80-125A	55	15.28	19.4	2900	4.68	7.5	62	56	3
	91.8	25.5	16.8		5.92		71		4.2
109	30.28	13.7	6.07		67		4.8		
IM 100-80-125A	27.5	7.64	5	1450	0.67	1.1	56	56	3
	45.9	12.75	4.2		0.78		67		3.4
	54.5	15.13	3.4		0.78		65		3.7
IM 100-80-160	60	16.67	37	2900	10.1	15	60	86	3.8
	100	27.78	32		11.9		73		4.3
120	33.33	28	12.54		73		5		
IM 100-80-160	30	8.33	9.25	1450	1.3	2.2	58	86	3
	50	13.89	8		1.58		69		3.4
	60	16.67	7		1.68		68		3.7
IM 100-80-160A	54.6	15.17	30.6	2900	7.98	15	57	86	3.8
	91	25.28	26.5		9.25		71		4.3
109.2	30.33	23.2	9.85		70.4		5		
IM 100-80-160A	27.3	7.58	7.66	1450	1.03	1.5	55.3	86	3
	45.5	12.64	6.6		1.22		67		3.4
	54.6	15.17	5.8		1.32		65.3		3.7
IM 100-65-200	60	16.67	56	2900	14.53	22	63	95	3.4
	100	27.78	50		18.92		72		3.9
120	33.33	44	20.26		71		5.2		
IM 100-65-200	30	8.33	14	1450	1.91	3	60	95	2.5
	50	13.89	12.5		2.5		68		2.5
	60	16.67	11		2.85		63		3
IM 100-65-200A	54.6	15.17	46.5	2900	11.51	18.5	60.1	95	3.4
	91	25.28	41.5		14.7		70		3.9
109.2	30.33	36.6	16		68		5.2		
IM 100-65-200A	27.3	7.58	11.6	1450	1.51	3	57	95	2.5
	45.5	12.64	10.3		1.93		66		2.5
	54.6	15.17	9.1		2.25		60.1		3
IM 100-65-250	60	16.67	88	2900	25.24	37	57	114	3
	100	27.78	80		32.06		68		3.6
120	33.33	74	36.12		67		4.5		
IM 100-65-250	30	8.33	22	1450	3.63	5.5	50	114	2.5
	50	13.89	20		4.33		63		2.5
	60	16.67	18.5		4.73		64		3
IM 100-65-250A	56.1	15.58	77	2900	21.8	37	54	114	3
	93.5	25.97	70		27.44		65		3.6
112.2	31.17	64.7	30.91		64		4.5		

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.

IM TYPE PUMP PERFORMANCE

pump type	Capacity		Head (m)	Speed (r/min)	Power(kw)		Eff. (%)	Weight (Kg)	(NPSH)r (m)
	(m³/h)	(L/s)			Shaft power	Motor power			
IM100-65-250A	28	7.79	19.2	1450	3.12	5.5	47	114	2.5
	45.5	12.64	17.4		3.53		61		2.5
	56	15.56	16.2		4.06		60.9		3
IM 100-65-250B	52.7	14.64	67.9	2900	18.29	30	53.3	114	3
	87.8	24.39	61.7		23.1		64		3.6
	105.4	29.28	57		26.03		62.9		4.5
IM 100-65-315	60	16.67	132	2900	44.96	75	48	165	2.8
	100	27.78	125		54.94		62		3.2
	120	33.33	119		60.8		64		4.2
	30	8.33	33.5	1450	6.22	11	44	165	2
	50	13.89	32		7.52		58		2
	60	16.67	30.5		8.31		60		2.5
IM 100-65-315A	56.1	15.58	115.5	2900	39.2	75	45	165	2.8
	93.5	25.97	109		45.53		61		3.2
	112.2	31.17	104		52.13		61		4.2
	28	7.789	29.3	1450	5.46	11	41	165	2
	46.5	12.92	28		6.33		56		2
	56	15.56	26.7		7.15		57		2.5
IM100-65-315B	52.7	14.64	102	2900	33.29	55	44	165	2.8
	88	24.44	97		38.77		60		3.2
	105.4	29.28	92		44.04		60		4.2
IM 125-100-200	120	33.33	61	2900	29.33	45	68	98	4.5
	200	55.56	50		35.39		77		5
	240	66.67	41		38.3		70		5.8
	60	16.67	15.25	1450	3.89	7.5	64	98	2.5
	100	27.78	12.5		4.66		73		2.9
	120	33.33	10.25		5.08		66		3.6
IM125-100-200A	109.1	30.31	50.5	2900	23.13	37	64.9	98	4.5
	182	50.56	41.4		27.38		75		5
	218.2	60.61	34		30.13		67.1		5.8
	54.7	15.19	12.6	1450	3.08	5.5	61	98	2.5
	91	25.28	10.3		3.6		71		2.9
	109.4	30.39	8.5		4.02		63		3.6
IM 125-100-250	120	33.33	90	2900	47.48	75	62	150	3.7
	200	55.56	80		58.13		75		4.5
	240	66.67	73		64.52		74		5.5
	60	16.67	22.5	1450	6.23	11	59	150	2
	100	27.78	20		7.56		72		2.3
	120	33.33	18.25		8.4		71		3
IM125-100-250A	112	31.11	78	2900	40.35	75	59	150	3.7
	186.5	51.81	69.5		48.35		73		4.5
	224	62.22	63.5		54.59		71		5.5
	56	15.56	19.5	1450	5.31	11	56	150	2
	93	25.83	17.4		6.29		70		2.3
	112	31.11	15.9		7.13		68		3
IM 125-100-250B	105.5	29.31	69	2900	34.2	55	58	150	3.7
	175.5	48.75	61.5		41.42		71		4.5
	211	58.61	56		46.06		69.9		5.5
IM125-100-315	120	33.3	132.5	2900	82.37	110	52.6	165	4
	200	55.6	125		94.62		72		4.5
	240	66.7	120		104.64		75		5
	60	16.7	33.5	1450	10.33	22	53	165	2.5
	100	27.8	32		13.42		65		2.5
	120	33.3	30.5		15.11		66		3
IM 125-100-315A	112	31.1	115.2	2900	67.63	90	52	165	4
	186.5	51.81	108.7		77.81		71		4.5
	224	62.22	104.3		88.42		72		5

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.

IMTYPE PUMP PERFORMANCE

pump type	Capacity		Head (m)	Speed (r/min)	Power(kw)		Eff. (%)	Weight (Kg)	(NPSH)r (m)
	(m³/h)	(L/s)			Shaft power	Motor power			
IM125-100-315A	56	15.56	28.8	1450	8.45	15	52	165	2.5
	93	25.83	27.2		10.77		64		2.5
	112	31.11	26.1		12.25		65		3
IM125-100-400	60	16.67	52	1450	17.71	30	48	210	2.5
	100	27.78	50		24.77		55		2.5
	120	33.33	48.5		25.58		62		3
IM125-100-400A	56	15.56	45	1450	15.97	30	43	210	2.5
	93	25.83	43.2		20.27		54		2.5
	112	31.11	41.9		21.31		60		3
IM150-125-250	120	33.33	24.8	1450	12.29	18.5	66	164	2.5
	200	55.56	20		14.16		77		2.8
	240	66.67	15		14.43		68		3.5
IM150-125-250A	109.1	30.28	20.5	1450	9.75	15	62.5	164	2.5
	182	50.56	16.5		10.91		75		2.8
	218.2	60.61	12.4		11.31		65.2		3.5
IM150-125-315	120	33.33	36.3	1450	18.84	30	63	195	2.5
	200	55.56	32		23.25		75		2.8
	240	66.67	28.5		25.89		72		3.8
IM150-125-315A	109.1	30.28	30	1450	14.85	22	60	195	2.5
	182	50.56	25.5		17.32		73		2.8
	218.2	60.61	23.5		20.23		69		3.8
IM150-125-315B	99	27.5	24.7	1450	11.29	18.5	59	195	2.5
	165	45.83	22		13.74		72		2.8
	198	55	19.4		15.17		69		3.8
IM150-125-400	120	33.33	57.5	1450	30.82	55	61	237	2
	200	55.56	50		38.93		70		2.5
	240	66.67	44		45.68		63		3
IM150-125-400A	109.1	30.28	47.5	1450	24.35	37	58	237	2
	182	50.56	41		29.94		68		2.5
	218.2	60.61	36.5		36.17		60		3
IM150-125-400B	99	27.5	39.1	1450	18.51	30	57	237	2
	165	45.83	34		22.82		67		2.5
	198	55	29.9		27.81		58		3
IM200-150-250	240	66.67	23	1450	21.49	37	70	194	2.5
	400	111.11	20		27.59		79		2.8
	460	127.78	18		28.2		80		3
IM200-150-250A	218.2	60.61	18.9	1450	16.77	30	67	194	2.5
	363	100.83	16.5		20.66		79		2.8
	418	116.1	14.8		21.61		78		3
IM200-150-315	240	66.67	35.6	1450	34.75	55	67	268	3
	400	111.11	32		44.15		79		3.5
	460	127.78	29.4		47.86		77		4
IM200-150-315A	218.2	60.61	29.4	1450	27.31	45	64	268	3
	363	100.84	25.5		32.76		77		3.5
	418	116.11	24.3		37.4		74		4
IM200-150-315B	197.7	54.92	24.1	1450	20.61	37	63	268	3
	329	91.39	21.6		25.48		76		3.5
	378.8	105.22	19.7		27.86		73		4
IM200-150-400	240	66.67	55.8	1450	54.47	90	67	289	3
	400	111.11	50		69.87		78		3.5
	460	127.78	47		78.55		75		4
IM200-150-400A	218.2	60.61	46	1450	42.74	75	64	289	3
	363	100.83	41		53.36		76		3.5
	418	116.11	38.8		61.38		72		4
IM200-150-400B	197.7	54.92	37.7	1450	32.24	55	63	289	3
	329	91.39	33.8		40.4		75		3.5
	378.8	105.22	31.8		46.23		71		4

Note: The spindle powers listed above is as the powers calculated with water as its medium, motors of various powers can be used according to gravity and viscosity of users' various media transferred.