



First passed ISO14001 Environmental Management System Certification
First passed ISO9001 Quality Management System Certification

IS series single-stage centrifugal pump



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IS series single-stage centrifugal pump

Brief introduction

IS series pump include all 40 models stipulated by ISO 2858, 267 kinds of performance can be obtained by cutting impeller and changing motor speed, and can adapt to the needs of all walks of life. Strictly execute ISO 2858, which means reasonable performance curve. YANSHAN brand IS series single-stage pump's working pressure is 1.6 Mpa and static pressure test of pump casing and pump cover is 2.4 Mpa, compared with other brand IS series single-stage manufactured by other companies.

IS series pump is single-stage single-suction cantilever centrifugal pump for pumping clean water and the other liquids physically and chemically similar to the clean water. IS series pump is suitable for pumping liquid's temperature below 80°C; ISR series pump is suitable for pumping hot water below 130°C; ISY series pump is suitable for pumping light oil like gasoline, diesel oil.

Model meaning

IS (R) 125-80-160 (A) -IS ₁	O- Impeller original model
IS125-80-160Z	A-Impeller dia. firstly trimmed
IS- Single-stage centrifugal accord with national standard	B- Impeller dia. secondly trimmed
IS (R) -Single-stage centrifugal hot water pump	C- Impeller dia. thirdly trimmed
ISY- Single-stage centrifugal oil transfer pump	Z-Increase impeller diameter
125-Suction diameter (mm)	(J) -Pump with design speed of
80-Discharge diameter (mm)	2900r/min reduce speed to 1450r/min
160-Nominal diameter of impeller (mm)	S ₁ -Built-in type mechanical seal

Performance Parameter Table

Model	Impeller dia.	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr	Capacity Q (m³/h)	Head H m	Power N (kw)		Eff. η (%)	NPSHr
				Shaft power	Motor power					Shaft power	Motor power		
2900r/min								1450r/min					
50-32-125	O	7.5	22.0	0.96		47	2.0	3.8	5.4	0.13		43	2.0
		12.5	20.0	1.13	2.2	60	2.0	6.3	5.0	0.16	0.55	54	2.0
		15.0	18.5	1.26		60	2.5	7.5	4.6	0.17		55	2.5
	A	7.2	20.0	0.85		46	2.0	3.6	4.9	0.11		42	2.0
		11.9	18.2	1.02	2.2	58	2.0	6.0	4.6	0.14	0.55	52	2.0
		14.3	16.8	1.13		58	2.25	7.2	4.2	0.15		53	2.25
	B	6.7	17.5	0.71		45	2.0	3.4	4.3	0.10		41	2.0
		11.2	15.9	0.86	1.5	56	2.0	5.6	4.0	0.12	0.55	50	2.0
		13.4	14.7	0.96		56	2.05	6.7	3.7	0.13		51	2.05
	C	6.2	15.2	0.59		44	2.0	3.1	3.7	0.08		40	2.0
		10.4	13.8	0.72	1.1	54	2.0	5.2	3.5	0.10	0.55	48	2.0
		12.5	12.8	0.80		54	2.0	6.2	3.2	0.11		49	2.0
50-32-160	O	7.5	34.3	1.59		44	2.0	3.8	8.5	0.25		35	2.0
		12.5	32	2.02	3	54	2.0	6.3	8.0	0.29	0.55	48	2.0
		15.0	29.6	2.16		56	2.5	7.5	7.5	0.31		49	2.5
	A	6.8	28.4	1.27		41.5	2.0	3.4	7.1	0.19		34	2.0
		11.4	26.6	1.59	3	52	2.0	5.7	6.7	0.23	0.55	45.5	2.0
		13.7	24.6	1.73		53	2.16	6.8	6.2	0.25		46	2.16
	B	6.1	22.5	0.95		39	2.0	3.0	5.6	0.14		32	2.0
		10.1	21.0	1.16	2.2	50	2.0	5.1	5.3	0.17	0.55	42	2.0
		12.2	19.4	1.26		51	2.0	6.1	4.9	0.19		42.5	2.0
	C	5.4	17.9	0.73		36	2.0	2.7	4.4	0.11		30	2.0
		9.0	16.7	0.91	1.5	45	2.0	4.6	4.2	0.14	0.55	38	2.0
		10.8	15.4	1.0		45.5	2.0	5.4	3.9	0.15		38.5	2.0
50-32-200	O	7.5	52.5	2.82		38	2.0	3.8	13.1	0.41		32	2.0
		12.5	50.0	3.54	5.5	48	2.0	6.3	12.5	0.51	0.75	42	2.0
		15.0	48.0	3.95		51	2.5	7.5	12	0.56		44	2.5
	A	7.3	49.4	2.61		37.5	2.0	3.6	12.3	0.38		32.5	2.0
		12.1	47.0	3.30	5.5	47	2.0	6.1	11.8	0.47	0.75	41.5	2.0
		14.6	45.1	3.58		50	2.3	7.3	11.3	0.52		43.2	2.3
	B	7.0	45.3	2.33		37	2.0	3.5	11.3	0.34		32	2.0
		11.7	43.2	2.96	4	46.2	2.0	5.9	10.8	0.42	0.75	40.7	2.0
		14.0	41.5	3.20		49.2	2.15	7.0	10.4	0.46		42.5	2.15
	C	6.5	39.6	1.95		36	2.0	3.3	9.9	0.28		31	2.0
		10.9	37.7	2.47	4	45.2	2.0	5.5	9.4	0.36	0.55	39.5	2.0
		13.0	36.2	2.67		48.2	2.0	6.5	9.1	0.39		41.2	2.0
50-32-250	O	7.5	82.0	5.87		28.5	2.0	3.8	20.5	0.91		23	2.0
		12.5	80.0	7.16	11	38	2.0	6.3	20.0	1.07	1.5	32	2.0
		15.0	78.5	7.83		41	2.5	7.5	19.5	1.14		35	2.5
	A	7.0	70.6	4.78		28	2.0	3.5	17.7	0.76		22.1	2.0
		11.6	68.9	5.80	11	37.5	2.0	5.9	17.2	0.88	1.5	31.2	2.0
		13.9	67.6	6.41		40	2.25	7.0	16.8	0.93		34.2	2.25
	B	6.5	61.2	3.93		27.5	2.0	3.2	15.3	0.63		21.5	2.0
		10.8	59.7	4.84	7.5	36.3	2.0	5.4	14.9	0.73	1.5	30.5	2.0
		13.0	58.6	5.30		39	2.05	6.5	14.6	0.77		33.5	2.05
	C	6.0	52.5	3.18		27	2.0	3.0	13.0	0.51		21	2.0
		10.0	51.5	3.98	5.5	35	2.0	5.0	12.8	0.60	1.1	29.5	2.0
		12.0	50.2	1.38		37.5	2.0	6.0	12.5	0.63		32.5	2.0
65-50-125	O	15.0	21.8	1.54		58	2.0	7.5	5.4	0.21		53	2.0
		25.0	20.0	1.97	3	69	2.5	12.5	5.0	0.27	0.55	64	2.0
		30.0	18.5	2.22		68	3.0	15	4.7	0.30		65	2.5
	A	14.1	19.2	1.33		55	2.0	7.0	4.7	0.18		50.5	2.0
		23.5	17.6	1.68	3	67	2.4	11.7	4.4	0.23	0.55	61.5	2.0
		28.2	16.3	1.89		66	2.8	14.1	4.1	0.26		62	2.3

Performance Parameter Table

Model	Impeller dia.	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr
				Shaft power	Motor power					Shaft power	Motor power		
2900r/min							1450r/min						
65-50-125	B	13.2	16.8	1.19		50.5	2.0	6.6	4.1	0.16		46.5	2.0
		21.9	15.4	1.48	2.2	62	2.3	11.0	3.8	0.20	0.55	57	2.0
		26.3	14.2	1.67		61	2.6	13.2	3.6	0.23		57.5	2.15
	C	11.3	12.4	0.88		43.5	2.0	5.7	3.0	0.11		51.5	2.0
		18.9	11.4	1.10	2.2	53	2.15	9.4	2.0	0.15	0.55	48	2.0
		22.6	10.5	1.25		52	2.4	11.3	2.7	0.17		48.5	2.0
65-50-160	O	15.0	35.0	2.65		54	2.0	7.5	8.8	0.36		50	2.0
		25.0	32.0	3.35	5.5	65	2.0	12.5	8.0	0.45	0.75	60	2.0
		30.0	30.0	3.71		66	2.5	15	7.2	0.49		60	2.0
	A	14.1	30.8	2.25		52.5	2.0	7.0	7.8	0.32		47	2.0
		23.5	28.2	2.86	4	63	2.0	11.7	7.0	0.39	0.75	58	2.0
		28.2	26.4	3.16		64	2.25	14.1	6.3	0.42		58	2.25
	B	13.0	26.1	1.86		49.5	2.0	6.5	6.6	0.25		45.5	2.0
		21.6	23.9	2.42	4	58	2.0	10.8	6.0	0.32	0.55	55	2.0
		25.9	22.4	2.68		49	2.05	13.0	5.4	0.35		55	2.05
	C	12.0	22.5	1.58		46.8	2.0	6.0	5.7	0.22		53	2.0
		20.1	20.6	2.05	3	55	2.0	10.0	5.2	0.27	0.55	52	2.0
		24.1	19.3	2.30		55	2.0	12.0	4.6	0.29		52	2.0
60-40-200	O	15.0	53.0	4.42		49	2.0	7.5	13.2	0.63		43	2.0
		25.0	50.0	5.67	7.5	60	2.0	12.5	12.5	0.77	1.1	55	2.0
		30.0	47.0	6.29		61	2.5	15	11.8	0.85		57	2.5
	A	14.3	47.8	3.81		48.7	2.0	7.1	11.9	0.54		43	2.0
		23.8	45.1	4.91	7.5	59.5	2.0	11.9	11.3	0.66	1.1	55	2.0
		28.5	42.4	5.44		60.5	2.3	14.3	10.7	0.73		57	2.3
	B	13.5	42.9	3.27		48.3	2.0	6.8	10.7	0.46		42	2.0
		22.5	40.5	4.21	5.5	59	2.0	11.3	10.1	0.56	1.1	54	2.0
		27.0	38.1	4.67		60	2.1	13.5	9.6	0.62		57	2.1
	C	12.8	38.3	2.77		48	2.0	6.4	9.5	0.39		42	2.0
		21.3	36.1	3.64	5.5	57.5	2.0	10.6	9.0	0.48	0.75	54	2.0
		25.5	34.0	4.00		59	2.0	12.8	8.5	0.52		57	2.0
65-40-250	O	15.0	82	9.05		37	2.0	7.5	21	1.23		35	2.0
		25.0	80.0	10.9	15	50	2.0	12.5	20	1.48	2.2	46	2.0
		30.0	78.0	12.0		53	2.5	15	19.4	1.65		48	2.0
	A	14.1	72.0	7.55		36.5	2.0	7.0	18.4	1.01		35	2.0
		23.4	70.2	9.14	15	49	2.0	11.7	17.6	1.05	2.2	44.8	2.0
		28.1	68.5	10.0		52.4	2.26	14.1	17.0	1.39		47	2.26
	B	13.1	62.7	6.21		36	2.0	6.6	16.0	0.82		34.8	2.0
		21.9	61.1	7.64	11	47.6	2.0	10.9	15.3	1.04	1.5	43.8	2.0
		26.2	59.6	8.34		51	2.07	13.1	14.8	1.15		46.2	2.0
	C	12.3	55.0	5.18		35.5	2.0	6.1	14.1	0.68		34.5	2.0
		20.5	53.7	6.46	11	46.3	2.0	10.2	13.4	0.87	1.5	43	2.0
		24.6	52.3	7.04		49.7	2.0	12.3	13.0	0.97		45	2.0
65-40-315	O	15	127	18.5		28	2.5	7.5	32.3	2.63		25	2.5
		25	125	21.3	30	50	2.5	12.5	32.0	2.94	4	37	2.5
		30	123	22.8		44	3.0	15	31.7	3.16		41	3.0
	A	14	111	15.0		28	2.5	7.0	28.1	2.15		25	2.5
		23.3	109	17.5	22	39.5	2.5	11.7	27.9	2.42	4	36.6	2.5
		28.0	107	18.8		43.5	2.75	14.0	27.6	2.58		40.8	2.75
	B	13.1	97.5	12.5		28	2.5	6.6	24.8	1.78		25	2.5
		21.9	96.0	14.7	18.	39	2.5	11.0	24.6	2.02	3	36.3	2.5
		26.3	94.4	15.7	5	43	2.56	13.1	24.3	2.15		40.6	2.56
	C	12.1	83.2	9.83		28	2.5	6.1	21.2	1.41		25	2.5
		20.2	81.9	11.7	15	38.5	2.5	10.1	21.0	1.61	3	36	2.5
		24.3	80.6	12.5		42.5	2.5	12.1	20.8	1.70		40.4	2.5

Performance Parameter Table

Model	Impeller dia.	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr
				Shaft power	Motor power					Shaft power	Motor power		
2900r/min								1450r/min					
80-65-125	O	30	22.5	2.87	5.5	64	3.0	15	5.6	0.42	0.75	55	2.5
		50	20	3.63		75		5.0	0.48	71			
		60	18	3.98		74		3.5	0.51	72			
	A	28.7	20.6	2.56	5.5	63	3.0	14.4	5.1	0.37	0.75	54.5	2.5
		47.9	19.3	3.27		73		3.0	0.43	70			
		57.4	16.5	3.56		72.5		3.3	0.45	71			
	B	26.1	17.1	2.01	4	60.5	3.0	13.1	4.3	0.29	0.55	53	2.5
		43.6	15.2	2.59		69.5		3.0	0.34	66			
		52.3	13.7	2.84		68.5		3.1	0.36	67			
	C	23.1	13.4	1.45	3	58	3.0	11.6	3.3	0.21	0.55	51	2.5
		38.6	11.9	1.91		65.5		3.0	0.25	62			
		46.3	10.7	2.09		64.5		3.0	0.27	63			
80-65-160	O	30	36	4.82	7.5	61	2.5	15	9	0.67	1.5	55	2.5
		50	32	5.97		73		2.5	0.79	69			
		60	29	6.59		72		3.0	0.86	68			
	A	28.2	31.7	4.05	7.5	60	2.5	14.1	7.9	0.57	1.1	53.5	2.5
		46.9	28.2	5.07		71		2.5	0.68	66.5			
		56.3	25.5	5.59		70		2.8	0.74	65.5			
	B	25.9	26.9	3.21	5.5	59	2.5	13.0	6.7	0.47	1.1	51	2.5
		43.2	23.9	4.20		67		2.5	0.56	63			
		51.9	21.7	4.63		66		2.6	0.61	62			
	C	24.1	23.2	2.67	5.5	57	2.5	12.0	5.8	0.40	0.75	48	2.5
		40.1	20.6	3.52		64		2.5	0.47	60			
		48.2	18.7	3.89		63		2.5	0.52	59			
80-50-200	O	30	53	7.87	15	55	2.5	15	13.2	1.06	2.2	51	2.5
		50	50	9.87		69		2.5	1.31	65			
		60	47	10.8		71		3.0	1.44	67			
	A	28.0	46.0	6.42	11	54.5	2.5	14.0	11.5	0.86	1.5	50.6	2.5
		46.9	43.4	8.21		67		2.5	1.09	63			
		55.9	40.8	8.93		69.5		2.7	1.20	65			
	B	25.6	38.6	5.02	11	53.5	2.5	12.8	9.6	0.68	1.5	49.4	2.5
		42.7	36.4	6.40		66		2.5	0.86	61.5			
		51.2	34.2	6.96		68.5		2.53	0.96	62.5			
	C	23.5	32.6	3.98	7.5	52.5	2.5	11.8	8.1	0.54	1.1	48	2.5
		39.2	30.8	5.09		64.5		2.5	0.68	60.5			
		47.1	28.9	5.45		68		2.5	0.76	61.5			
80-50-250	O	30	84	13.2	22	52	2.5	15	21	1.75	3	49	2.5
		50	80	17.3		63		2.5	2.27	60			
		60	75	19.2		64		3.0	2.52	61			
	A	28.3	74.9	11.0	22	52.3	2.5	14.2	18.7	1.47	3	49	2.5
		47.2	71.3	14.6		62.6		2.5	1.95	58.7			
		56.6	66.8	16.1		64		2.8	2.16	59.7			
	B	26.6	66.2	9.1	18.5	52.7	2.5	13.3	16.6	1.23	2.2	49	2.5
		44.4	63.1	12.3		62.2		2.5	1.64	58			
		53.3	59.1	13.4		64		2.6	1.81	59.5			
	C	23.8	52.7	6.43	15	53	2.5	11.9	13.2	0.87	2.2	49	2.5
		39.5	50.0	8.90		60.8		2.5	1.19	57			
		47.5	47.0	9.59		63.5		2.5	1.29	59			
80-50-315	O	30	128	25.5	37	41	2.5	15	32.5	3.4	5.5	39	2.5
		50	125	31.5		54		2.5	4.19	52			
		60	123	35.3		57		3.0	4.6	56			
	A	28.0	112	20.7	37	41	2.5	14.0	28.3	2.77	5.5	39	2.5
		46.7	109	25.9		53.5		2.5	3.43	52			
		56.0	107	28.2		56.7		2.7	3.75	56			

Performance Parameter Table

Model	Impeller dia.	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr
				Shaft power	Motor power					Shaft power	Motor power		
2900r/min							1450r/min						
85-50-315	B	26.3	98.3	17.2	30	41	2.5	13.1	25.0	2.29	4	39	2.5
		43.8	96.0	21.6		53		21.9	24.6	2.85		51.4	2.5
52.6		94.4	24.0	56.3		26.3		24.2	3.11	55.6		2.63	
85-50-315	C	24.3	83.9	13.5	22	41	2.5	12.1	21.3	1.81	4	39	2.5
		40.5	81.9	17.2		52.5		20.2	21.0	2.26		51.1	2.5
		48.6	80.6	19.0		56		24.3	20.6	2.46		55.4	2.5
100-80-125	O	60	24	5.86	11	67	4.0	30	6	0.77	1.5	64	2.5
		100	20	7.0		78		5	0.91	75		2.5	
		120	16.5	7.28		74		4	0.92	71		3.0	
	A	56.6	21.3	5.17	11	63.5	4.0	28.3	5.3	0.67	1.5	61	2.5
		94.2	17.8	6.05		73		4.4	0.79	72		2.5	
		113	14.7	6.45		70		4.8	0.83	76		2.8	
	B	53.5	19.1	4.64	7.5	60	4.0	26.8	4.8	0.61	1.1	57	2.5
		89.2	15.9	5.52		70		4.3	0.73	66		2.5	
		107	13.1	5.89		65		4.65	0.73	64		2.6	
	C	47.9	15.0	3.57	55	54.5	4.0	23.7	3.8	0.51	1.1	48	2.5
		79.1	12.5	4.22		64		4.2	0.55	61		2.5	
		95.0	10.3	4.28		62.5		4.4	0.55	59		2.5	
100-80-160	O	60	36	8.42	15	70	3.5	30	9.2	1.12	2.2	67	2.0
		100	32	11.2		78		4.0	1.45	75		2.5	
		120	28	12.2		75		5.0	1.57	71		3.5	
	A	56.9	32.4	7.19	15	69.7	3.5	28.4	8.3	0.96	2.2	66.5	2.0
		94.8	28.8	9.58		77.5		3.97	1.22	76		2.34	
		114	25.2	10.5		74.2		4.5	1.35	70		2.6	
	B	53.4	28.5	5.99	11	69.3	3.5	26.7	7.3	0.8	1.5	66	2.0
		89.0	25.4	8.02		76.6		3.77	1.05	73.3		2.25	
		107	22.2	8.75		73.8		4.1	1.14	69		2.9	
	C	50.6	25.6	5.12	11	69	3.5	25.3	6.6	0.69	1.5	65.5	2.0
		84.4	22.8	6.89		76		3.65	0.90	73		2.17	
		101	19.9	7.48		73.5		3.93	0.97	69.5		2.4	
100-65-200	O	60	54	13.6	22	65	3.0	30	13.5	1.84	4	63	2.0
		100	50	17.9		76		3.6	2.33	73		2.0	
		120	47	19.9		77		4.8	2.61	74		2.5	
	A	56.4	47.8	11.3	22	65	3.0	28.2	11.9	1.53	3	60	2.0
		94.1	44.2	14.8		76.5		3.45	1.95	72.7		2.0	
		113	41.6	16.6		77		4.3	2.18	73.7		2.29	
	B	53.5	42.9	9.6	18.5	65	3.0	26.7	10.7	1.30	3	60	2.0
		89.1	39.7	12.9		74.5		3.35	1.67	72.3		2.0	
		107	37.3	14.3		76		3.6	1.86	73.3		2.15	
	C	50.5	38.3	8.09	15	65	3.0	25.3	9.6	1.10	2.2	60	2.0
		84.2	35.4	11.1		73		3.25	1.41	72		2.0	
		101	33.3	12.2		75		3.6	1.57	73		2.0	
100-65-250	O	60	87	23.4	37	61	3.5	30	21.3	3.16	5.5	55	2.0
		100	80	30.3		72		3.5	4.00	68		2.0	
		120	74.5	33.3		73		4.8	4.44	70		2.5	
	A	56.0	75.8	19.4	37	59.5	3.5	28.0	18.6	2.6	5.5	53	2.0
		93.3	69.7	25.6		69.3		3.7	3.38	65.5		2.0	
		112	64.9	28.1		70.5		4.35	3.72	67.8		2.25	
	B	52.2	65.9	16.6	30	56.5	3.5	26.1	16.1	2.25	4	51	2.0
		87.1	60.6	21.8		66.1		3.6	2.90	62		2.0	
		104	56.5	24.0		67		4.0	3.17	64.6		2.05	
	C	48.5	56.8	14.1	30	53	3.0	24.2	13.9	1.87	4	49	2.0
		80.8	52.2	18.3		62.8		3.5	2.45	58.5		2.0	
		96.6	48.6	20.1		67		3.75	2.70	60.6		2.0	

Performance Parameter Table

Model	Impeller dia.	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr
				Shaft power	Motor power					Shaft power	Motor power		
2900r/min								1450r/min					
100-65-315	O	60	133	39.6		55	3.5	30	34	5.44		51	2.0
		100	125	51.6	75	60	3.6	50	32	6.92	11	63	2.0
		120	118	57.5		67	4.2	60	30	7.67		64	2.5
	A	56	116	32.1		55	3.0	28	29.6	4.43		51	2.0
		93.3	109	42.5	55	65.2	3.45	46.7	27.9	5.64	11	62.8	2.0
		112	103	47.5		66	3.95	56	26.1	6.30		63.3	2.25
	B	52.6	102	26.6		55	3.0	26.3	26.1	3.66		51	2.0
		87.6	96	35.5	45	64.5	3.32	43.8	24.6	4.67	7.5	62.7	2.0
		105	90.6	39.9		65	3.70	52.6	23.0	5.30		62.2	2.10
	C	48.5	87.2	21.0		55	3.0	24.3	22.3	2.89		51	2.0
		81.0	81.9	28.7	37	63	3.2	40.5	21.0	3.76	5.5	61.5	2.0
		97.1	77.3	32.0		64	3.5	48.6	19.7	4.25		61.2	2.0
125-80-160	O	105	42.8	16.9		72		52.3	10.7	2.21		69	
		174	38	22.6	30	80	5.6	87.2	9.5	2.93	4	77	2.5
		209	33.3	24.6		77		105	8.31	3.20		74	
	A	96	36	13.1		72		48	9	1.71		69	
		160	32	17.5	22	80	5.6	80	8	2.26	3	77	2.5
		192	28	19.0		77		96	7	2.47		74	
	B	89.8	31.5	11.0		70		44.9	7.9	1.44		67	
		150	28	14.7	18.5	78	5.6	74.8	7	1.90	2.2	75	2.5
		180	24.5	16.0		75		89.8	6.1	2.08		72	
	C	83.1	27	8.99		68		41.6	6.8	1.18		65	
		139	24	11.9	15	76	5.6	69.3	6	1.55	2.2	73	2.5
		166	21	13.0		73		83.1	5.3	1.70		70	
125-80-200	Z	105	66	28.6		66		52.6	16.5	3.75		63	
		175	60	35.8	45	80	5.2	87.6	15	4.65	5.5	77	2.5
		210	55.2	40.5		78		105	13.8	5.27		75	
	O	96	55	21.8		66		48	13.6	2.85		63	
		160	50	27.2	37	80	5.2	80	12.5	3.54	4	77	2.5
		192	46	30.8		78		96	11.5	4.0		75	
	A	90.1	48.4	18.3		65		45.0	12.1	2.39		62	
		150	44	22.8	30	79	5.2	75.1	11	2.96	4	76	2.5
		180	40.5	25.8		77		90.1	10.1	3.35		74	
	B	83.6	41.8	14.9		64		41.9	10.5	1.95		61	
		139	38	18.5	22	78	5.2	69.7	9.5	2.41	3	75	2.5
		167	35.0	21.0		76		83.7	8.7	2.73		73	
125-80-250	Z	103	100	43.2		65		51.5	25	5.66		62	
		173	92	55.8	75	77	4.8	85.8	23	7.26	11	74	2.2
		206	84	63.9		74		103	21.3	8.40		71	
	O	96	87	35.0		65		48	21.8	4.59		62	
		160	80	45.3	55	77	4.8	80	20	5.89	7.5	74	2.2
		192	73	51.6		74		69	18.3	6.72		71	
	A	89.8	76.1	29.1		64		44.9	19.0	3.81		61	
		150	70	37.5	45	76	4.8	74.8	17.5	4.89	5.5	73	2.2
		180	63.9	42.8		73		89.8	16.0	5.58		70	
	B	83.1	65.3	23.5		63		41.6	16.3	3.08		60	
		139	60	30.2	37	75	4.8	69.3	15.0	3.93	5.5	72	2.2
		166	54.8	34.4		72		83.1	13.7	4.49		69	
125-80-315	Z	100	145	68.0		58		49.5	35.6	8.72		55	
		167	136	84.7	110	73	4.5	82.5	34	10.9	15	70	2.1
		200	129	96.7		73		99.0	31.9	12.3		70	
	O	96	133	60.0		58		48	33.5	7.96		55	
		160	125	74.6	90	73	4.5	80	32	9.96	15	70	2.1
		192	119	85.2		73		96	30	11.2		70	

Performance Parameter Table

Model	Impeller dia.	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr
				Shaft power	Motor power					Shaft power	Motor power		
2900r/min							1450r/min						
125-80-315	A	91.7	121	53.1	90	57	4.5	45.3	29.8	6.82	11	54	2.1
		153	114	65.9		72		75.5	28.5	8.49		69	
		183	109	75.3		72		90.6	26.7	9.55		69	
125-80-315	B	87.1	110	46.4	75	56	4.5	43.1	27.0	5.97	11	53	2.1
		145	103	57.4		71		71.8	25.8	7.40		68	
		174	98.1	65.6		71		86.1	24.1	8.33		68	
125-80-315	C	82.4	97.9	39.9	75	55	4.5	40.7	24.1	5.13	7.5	52	2.1
		137	92	49.1		70		67.8	23	6.34		67	
		165	87.6	56.1		70		81.4	21.6	7.13		67	
125-100-200	O	120	57.5	28.0	45	67	4.5	60	14.5	3.83	7.5	62	2.5
		200	50	33.6		81		100	12.5	4.48		76	
		240	44.5	36.4		80		120	11.0	4.79		75	
125-100-200	A	111	49.3	23.1	37	64.5	4.5	55.6	12.4	3.08	5.5	61	2.5
		185	42.9	27.7		78		92.6	10.7	3.68		73.5	
		222	38.2	30.0		77		111	9.4	3.91		73	
125-100-200	B	103	42.6	19.2	30	62.5	4.5	41.7	10.8	2.61	5.5	58	2.5
		172	37.1	23.2		75		86.1	9.3	3.11		70	
		207	33.0	25.1		74		103	8.2	3.33		69	
125-100-200	C	94.4	35.6	15.3	30	60	4.5	47.2	9.0	2.10	4	55	2.5
		157	31.0	18.7		71		78.7	7.7	2.51		66	
		189	27.9	20.3		70		94.4	6.8	2.66		66	
125-100-250	O	120	87	43.0	75	66	3.8	60	21.5	5.59	11	63	2.5
		200	80	55.9		78		100	20	7.17		76	
		240	72	62.8		75		120	18.5	7.84		77	
125-100-250	A	112	75.8	35.0	75	66	3.8	56	18.7	4.53	11	63	2.5
		187	69.7	45.3		78.2		93.3	17.4	5.83		76	
		224	62.7	52.1		73.5		112	16.1	6.38		77	
125-100-250	B	104	65.6	28.4	55	66	3.8	52.2	16.3	3.68	7.5	63	2.5
		174	60.6	36.9		78		87.1	15.2	4.76		75.5	
		209	54.6	42.5		73		104	14.0	5.19		76.8	
125-100-250	C	96.9	56.8	22.7	45	66	3.8	48.5	14.0	2.94	5.5	63	2.2
		162	52.2	29.5		77.8		80.8	13.1	3.82		75.2	
		194	47	34.0		73		96.9	12.1	4.17		76.5	
125-100-315	O	120	133	72.1	110	60	5.0	60	33.5	9.4	15	58	2.5
		200	125	90.8		75		100	32	11.9		73	
		240	120	102		77		120	30.5	13.5		74	
125-100-315	A	112	116	60.4	110	59	4.9	56.2	29.4	8.04	15	56	2.5
		187	110	76.4		73.3		93.7	28.1	10.0		71.5	
		225	105	85.9		75.1		112	26.8	11.3		72.5	
125-100-315	B	104	100	49.2	90	58	4.3	52.2	25.4	6.69	15	54	2.5
		174	94.8	63.5		70.8		87.1	24.3	8.28		69.5	
		209	91.0	70.8		73.1		104	23.1	9.33		70.5	
125-100-315	C	96.5	85.7	39.5	75	57	4.0	48.3	21.7	5.38	11	53	2.5
		161	80.9	51.8		68.4		80.4	20.7	6.77		67	
		193	77.7	57.3		71.3		96.5	19.7	7.63		68	

Performance Parameter Table

Model	Impeller dia.	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr
				Shaft power	Motor power		
1450r/min							
125-80-400	Z	52.6	63.6	17.7	30	51	2.0
		87.6	60	22.7		63	
		105	55.2	25.1		63	
	A	48	53	13.6	22	51	2.0
80		50	17.3	63			
96	46	19.1	18.5	63	2.0		
	45.0	46.6		11.4		50	
75.1	44	14.5	15	62	2.0		
	90.1	40.5		16.0		62	
125-100-400	O	60	52	16.1	30	53	2.5
		100	50	21.0		65	
		120	48.5	23.6		67	
	A	56.4	45.9	13.3	22	53	2.5
93.9		44.1	17.4	65			
113	42.8	19.7	18.5	66.8	2.5		
	52.3	39.4		10.6		53	
87.1	37.9	13.9	15	64.7	2.5		
	105	36.8		15.7		66.5	
81.0	34.1	8.5	15	53	2.5		
	97.2	31.8		12.7		64.4	
150-125-250	O	120	23.2	10.7	18.5	71	3.0
		200	20	13.5		81	
		240	17.0	14.3		78	
	A	112	20.2	9.0	15	68.5	3.0
187		17.4	11.5	77			
224	14.8	12.0	15	75	3.0		
	103	16.9		7.3		64.5	
171	14.6	9.1	11	75	3.0		
	205	12.4		9.8		71	
95.4	14.7	6.2	11	61.5	3.0		
	159	12.6		7.7		71	
191	10.7	8.2	11	68	3.0		
	120	34		15.9		70	
150-125-315	O	200	32	22.1	30	79	2.5
		240	29	23.7		80	
		112	29.6	13.0		69	
	186	27.8	18.0	22	78.7	2.5	
224		25.2	19.4		79		
104	25.6	10.7	18.5	68	2.5		
	174	24.1		14.7		77.7	
208	21.8	15.9	15	78	2.55		
	96.4	21.7		8.6		77	
161	20.6	11.8	15	76.7	2.5		
	193	18.7		12.7		77.2	

Model	Impeller dia.	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr
				Shaft power	Motor power		
1450r/min							
150-125-400	O	120	53	27.9	45	62	2.0
		200	50	36.3		75	
		240	46	40.6		74	
	A	112	46.1	22.6	45	62	2.0
186		43.5	29.4	74.5			
224	40.0	32.9	18.5	73	2.65		
	105	40.3		18.5		62	
174	38.0	24.4	37	74	2.5		
	209	35.0		27.5		72.4	
96.5	34.3	14.5	30	62	2.0		
	161	32.3		19.4		72.8	
193	29.7	21.9	30	71.5	2.35		
	240	25		23.7		69	
200-150-250	O	400	22	29.1	37	82.5	3.5
		460	20	30.6		82	
		223	21.5	19.5		67	
	A	371	18.9	23.9	30	80	3.4
427		17.2	25.2	79.5			
207	18.6	16.0	30	65.4	3.0		
	345	16.4		19.8		77.5	
397	14.9	20.9	30	77	3.3		
	190	15.7		12.7		64.4	
317	13.8	16.2	22	74	3.3		
	365	12.6		17.0		73.5	
200-150-315	O	240	37	34.6	55	70	3.0
		400	32	42.5		82	
		460	28.5	44.6		80	
	A	219	30.9	27.2	45	68	3.0
366		26.7	35.0	76.2			
420	23.8	36.4	37	75	3.35		
	198	25.2		22.1		61.5	
330	21.8	28.3	37	69.3	3.2		
	380	19.4		29.1		69	
182	21.2	18.1	30	58	3.0		
	303	18.3		23.6		64	
348	16.3	24.9	30	42	3.4		
	240	55		48.6		74	
200-150-400	O	400	50	67.2	90	81	3.1
		460	45	74.2		76	
		224	47.7	39.8		73	
	373	43.4	55.2	75	79.8	3.6	
429		39.1	62.0		73.5		
209	47.1	33.0	75	72	3.0		
	348	37.9		45.8		78.6	
401	34.1	51.7	75	72	3.4		
	194	36.1		26.9		71	
324	32.8	37.6	55	77	3.25		
	373	29.5		42.5		70.5	

Performance Parameter Table

Model	Impeller dia.	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr
				Shaft power	Motor power		
1450r/min							
250-200-315	Z	380	41	59.74	110	71	5.5
		630	38	77.12		84.5	
		760	35	86.2		84	
	O	380	35.5	51.72	90	71	5.5
630		32	64.95	84.5			
760		29	71.43	84			
A	360	31.6	44.56	75	69.5	5.4	
	590	28.5	55.15		83		
	720	25.8	61.29		82.5		
B	340	27.7	37.43	75	68.5	5.3	
	560	25	46.48		82		
	670	22.6	50.58		81.5		
250-200-400	Z	380	56.3	82.03	160	71	5.5
		630	54.5	110.6		84.5	
		760	51.5	129.15		82.5	
	O	380	52	75.76	132	71	5.5
		630	50	101.48		84.5	
		760	46.7	117.11		82.5	
	A	360	46.8	65.99	110	69.5	5.4
		600	45	88.55		83	
		720	42	101.63		81	
	B	340	41.6	56.21	110	68.5	5.3
		560	40	74.36		82	
		680	3.4	86.54		80	
C	320	36.4	46.98	90	67.5	5.1	
	530	35	62.34		81		
	640	32.7	72.11		79		
300-250-315	Z	600	43.8	99.36	160	72	7.5
		1000	37.5	118.7		86	
		1200	34	129.15		86	
	O	600	38	86.2	132	72	7.5
		1000	32	101.2		86	
		1200	28	107.6		85	
	A	570	33.8	74.39	110	70.5	7.3
		940	28.5	86.82		84	
		1130	24.8	91.36		83.5	
	B	530	29.7	61.66	90	69.5	7.1
		880	25	72.16		83	
		1060	21.9	76.6		82.5	

Model	Impeller dia.	Capacity Q (m³/h)	Head H (m)	Power N (kw)		Eff. η (%)	NPSHr
				Shaft power	Motor power		
1450r/min							
300-250-400	Z	600	66.5	148.79	250	73	7.5
		1000	65	205.75		86	
		1200	62	241.1		84	
	O	600	53.5	119.76	200	73	7.5
		1000	50	158.26		86	
		1200	47.2	183.56		84	
A	570	48	104.9	200	71	7.3	
	950	45	138.54		84		
	1140	42.5	160.84		82		
B	540	42.8	89.24	160	70.5	7.1	
	890	40	116.06		83.5		
	1070	37.7	135.57		81		
C	500	37.5	73.44	132	69.5	7.0	
	840	35	97.01		82.5		
	1000	33	112.29		80		
350-300-315	O	960	38.4	130.33	200	77	11
		1600	32	163.7		85	
		1920	26.5	168.91		82	
	A	910	34.2	112.96	160	75	10.8
1510		28.5	141.15	83			
1810		23.6	145.35	80			
B	850	30	93.81	132	74	10.5	
	1410	25	117.75		81.5		
	1700	20.5	120.08		79		
350-300-400	O	960	56.5	191.75	280	77	11
		1600	50	250.32		87	
		1920	44	273.77		84	
	A	910	50.8	166.68	250	75.5	10.8
		1520	45	217.78		85.5	
		1820	39.5	237.21		82.5	
	B	860	45.2	141.09	250	75	10.5
		1430	40	184.27		84.5	
		1720	35.2	202.22		81.52	
	C	800	39.5	116.25	200	74	10.2
		1340	35	152.9		83.5	
		1610	30.8	167.69		80.5	

Outline mounting dimension

Y series motor and YB series Explosion-Proof Motor

Pump	Motor		A1	L1	L2	L3	H	B1	B	L		n-φ d	a	h	Inlet flange					Outlet flange					Total wt. (kg)																											
	Model	kw								Y	YB				DN	D	K	C	n-z	DN	D	K	C	n-z	Y	YB																										
50-32-125	90L-2	2.2	90	755	170	480	200	350	400	800	850	4-16	80	140	50	165	125	20	4-17.5	32	140	100	18	4-17.5	95	107																										
	90S-2	1.5		730				755	805	90	100																																									
	802-2	1.1	70	705	150	440		320	370	750	795														82	90																										
	801-4	0.55		705	750	795		83	90																																											
50-32-160	100L-2	3	90	780	170	480	220	350	400	845	895	4-16	80	160											50	165	125	20	4-17.5	32	140	100	18	4-17.5	113	125																
	90L-2	2.2		755				800	850	105	117																																									
	90S-2	1.5	70	730	150	440		200	320	370	775																								825	102	110															
	801-4	0.55		705	750	795		92	98																																											
50-32-200	132S-2	5.5	110	830	190	540	250	400	450	940	975	4-16	80	180																					50	165	125	20	4-17.5	32	140	100	18	4-17.5	152	165						
	112M-2	4		90				790	170	480	222																																		350	400	865	925	131	140		
	802-4	0.75	70	705	150	440		200	320	370	750																																		795	97	102					
	801-4	0.55		705	750	795		96	103																																											
50-32-250	160M1-2	11	130	1075	220	660	270	490	540	1200	1255	4-16	100	225	50	165	125	20	4-17.5	32	140	100	18	4-17.5																					256	274						
	132S1-2	7.5		965				205	600	440	490																																		1075	1110	205	219				
	132S2-2	5.5		115	885	185		540	400	450	935																																		985	199	212					
	90L-4	1.5	95	885	185	540		400	450	935	985																																		158	168						
	90S-4	1.1																							95	910	960	153	164																							
65-50-125	100L-2	3	90	780	170	480	200					350	400	845											895	4-16	80	160	65	185	145	20	4-17.5	50													165	125	20	4-17.5	113	125
	90L-2	2.2		755								800	350	400											845																										895	103
	801-4	0.55	70	705	150	440						320	370	750											795																										91	97
65-50-160	132S1-2	5.5	110	830	190	540		220	400	450	940	975	4-16	80											160										65	185	145	20	4-17.5	50	165	125	20	4-17.5	148	183						
	112M-2	4		90			790		170	480	350	400														865	925	130																	138							
	100L-2	3	70	780	170	440	200		320	370	750	795														117	129																									
	802-4	0.75		705																						750	795	96																	101							
	801-4	0.55	705	750	795	95		100																																												
65-40-200	132S2-2	7.5	110	830	185	540		250					400	450	1075	1100	4-16	100	180	65	185	145	20	4-17.5	40	150	110	18																	4-17.5	170					184	
	132S1-2	5.5		90			755		170	480	250	350	400	910	960	164																														177						
	90S-4	1.1	90	715	165	250	350		400	910	960	119	130																																							
	802-4	0.75												885	930	111																														116						

Outline mounting dimension

Pump	Motor		A1	L1	L2	L3	H	B1	B	L		n-φd	a	h	Inlet flange					Outlet flange					Total wt. (kg)				
	Model	kw								Y	YB				DN	D	K	C	n-z	DN	D	K	C	n-z	Y	YB			
65-40-250	160M2-2	15	130	1075	220	660	270	490	540	1200	1255	4-16	100	225												278	303		
	160M1-2	11		910																						885	980	1030	270
	100L1-4 90L-4	2.2 1.5	95	910 885	185	540	270	400	450	980 935	1030 980															178	189		
65-40-315	200L1-2	30	155	1200	245	740	290	550	600	1400	1430	4-20			65	85	145	20	4-17.5	40	150	110	18	4-17.5	417	441			
	180M-2	22		1135																					270	1295	1355	365	370
	160L-2	18.5	130	1075	220	660	270	490	540	1270	1325														320	343			
	160M2-2	15		1075																					270	1225	1280	298	326
	112M-4 100L2-2	4 3	115	915	200	600	270	440	490	1205 1005	1265 1055														212	217	205	214	
80-65-125	132S1-2	5.5	110	830	190	540	220	400	450	960	995	4-16	100	160												138	151		
	112M-2			790																						885	945	124	132
	100L-2		780	865	915	107	119																						
	802-4 801-4	0.75 0.55	90	170	480	350	400	84	89	83	88																		
85-65-160	132S1-2	5.5	110	830	185	540	250	400	450	960	995	4-16	100	180	80	200	160	20	8-17.5	65	185	145	20	4-17.5	155	169			
	132S2-2	7.5																							70	705	150	440	200
	90L-4	1.5	90	755	170	480	250	350	400	820	870														108	118			
	90S-4 802-4	1.1 0.72																							715	165	790	840	95
80-50-200	160M2-2	15	130	955	210	600	250	440	490	1085	1140	4-16	100	200													230	256	
	160M1-2	11																									830	185	540
	132S2-2	7.5	110	830	185	540	250	400	450	960	955																160	174	
	100L1-4	2.2	90	780	170	480	250	350	400	865	915																120	130	
	90L-4 90S-4	1.5 1.1		755																							165	820	870
80-50-250	180M-2	22	130	1135	220	560	270	490	540	1270	1330	4-20	125	225														335	370
	160L-2	18.5																										1300	560
	160M2-2	15	1075	660	270	490	540	1200	1255	270	200																		
	100L2-4	3	95	910	185	540	270	400	450	980	1030	175																184	
	100L1-4	2.2										95																910	185

Outline mounting dimension

Pump	Motor		A1	L1	L2	L3	H	B1	B	L		n-φd	a	h	Inlet flange					Outlet flange					Total wt. (kg)		
	Model	kw								Y	YB				DN	D	K	C	n-z	DN	D	K	C	n-z	Y	YB	
80-50-315	200L2-2	37	155	1200	245	740	315	550	600	590	620	4-26	125	280	80	200	160	20	8-17.5	50	165	125	20	4-17.5	430	465	
	200L1-2	30								130	1135														220	660	270
	180M-2	22	115	965	205	600	270	440	490	500	535	4-16	125	280	80	200	160	20	8-17.5	50	165	125	20	4-17.5	235	247	
	132S-4	5.5								915	200														470	530	207
100-80-125	160M1-2	11	115	955	205	600	250	440	490	1085	1140	4-16	100	180	100	220	180	22	8-17.5	80	200	160	20	4-17.5	210	228	
	132S2-2	7.5								95	850														185	540	400
	132S1-2	5.5	75	765	165	480	250	350	400	820	875	4-16	100	180	100	220	180	22	8-17.5	80	200	160	20	4-17.5	111	121	
	90L-4	1.5								795	845														106	117	
100-80-160	160M2-2	15	130	1075	220	660	250	490	540	1200	1255	4-16	100	200	100	220	180	22	8-17.5	80	200	160	20	4-17.5	250	276	
	160M1-2	11								95	910														185	540	250
	100L1-4	2.2	95	910	185	540	250	400	450	980	1030	4-16	100	200	100	220	180	22	8-17.5	80	200	160	20	4-17.5	150	161	
90L-4	1.5	855								935	985														141	151	
100-65-200	180M2-2	22	130	1135	220	660	270	490	540	1270	1330	4-20	100	255	100	220	180	22	8-17.5	65	185	145	20	4-17.5	335	370	
	160L-2	18.5								1130	1245														1300	303	326
	160M2-2	15								1075	1200														1255	270	296
	112M-4	4	115	915	200	600	270	440	490	1000	1060	4-16	100	255	100	220	180	22	8-17.5	65	185	145	20	4-17.5	181	189	
100L2-4	3	980								1030	177														186		
100-65-250	200L2-2	37	140	1215	245	740	290	550	600	1400	1430	4-20	125	250	100	220	180	22	8-17.5	65	185	145	20	4-17.5	231	243	
	200L1-2	30								1655	1655														4-20	125	280
	132S-4	5.5	100	1012	200	600	290	440	490	1100	1135	4-16	125	250	100	220	180	22	8-17.5	65	185	145	20	4-17.5	440	475	
	112M-4	7								1025	1085														425	450	
100-65-315	280S-2	75	210	1505	325	940	390	670	720	1655	1655	4-20	125	280	100	220	180	22	8-17.5	65	185	145	20	4-17.5	568	678	
	250M-2	55								180	1385														295	840	360
	225M-2	45	140	1295	250	740	315	550	600	1500	1525	4-16	125	280	100	220	180	22	8-17.5	65	185	145	20	4-17.5	683	785	
	200L2-2	37								1260	1465														1495	568	678
	160M-4	11	115	1125	200	660	315	490	540	1255	1310	4-16	125	280	100	220	180	22	8-17.5	65	185	145	20	4-17.5	496	530	
	132M-4	7.5								1170	1230														300	314	
132S-4	5.5	1130								1165	286														298		

Outline mounting dimension

Pump	Motor		A1	L1	L2	L3	H	B1	B	L		n-φd	a	h	Inlet flange					Outlet flange					Total wt. (kg)		
	Model	kw								Y	YB				DN	D	K	C	n-z	DN	D	K	C	n-z	Y	YB	
																											Y
125-80-160	200L1-2	30	155	1200	245	740	290	550	600	1410	1440	4-20	100	225	125	250	210	22	8-17.5	80	200	160	20	8-17.5	386	410	
	180M-2	22								130	1135														220	660	270
	160L-2	18.5	1125	1035	1095	1280	1330	258	308																		
	160M-2	15				115	915	205	600	270	440														490	1035	1095
	112M-4	4	115	915	205																					600	270
	100L2-4	3				1015	1065	170	179																		
100L1-4	2.2	165				176																					
125-80-200	225M-2	45	140	1270	260	740	315	550	590	1450	1475	4-20	100	250	125	250	210	22	8-17.5	80	200	160	20	8-17.5	500	600	
	200L2-2	37		1215	245					1410	1440														430	465	
	200L1-2	30		115	1200	220	660	270	490	540	1305														1365	415	439
	180M-2	22									1110														1145	230	242
	132S-4	5.5	100	940	205	600	290	440	490	1110	1145														200	208	
	112M-4	4								1035	1095														190	200	
100L2-4	3	1015								1065	190	200															
125-80-250	280S-4	75	210	1505	325	940	390	670	820	1635	1645	4-20	100	280	125	250	210	22	8-17.5	80	200	160	20	8-17.5	875	981	
	250M-2	55	180	1385	295	840	360	600	650	1565	1570														860	962	
	225M-2	45	140	1295	250	740	315	550	600	1450	1475														530	640	
	200L2-2	37								1260	1410														1440	455	490
	160M-4	11	115	1125	220	660	315	490	540	1225	1280														315	340	
	132M-4	7.5								1150	1185														260	268	
132S-4	5.5	1055								1110	245	257															
125-80-315	315S-2	110	210	1600	325	940	425	670	720	1855	1905	4-20	125	315	125	250	210	22	8-17.5	100	200	180	20	8-17.5	1290	1310	
	280M-2	90		1505			1715			1725	910														1010		
	280S-4	75		1665	1675	815	920																				
	160L-4	15	115	1125	220	660	340	490	540	1310	1365														390	412	
	160M-4	11		1055						1265	1320														370	395	
	132M-4	7.5		1180	1215	315	323																				
125-100-200	225M-2	45	140	1270	260	740	335	550	600	1440	1465	4-20	125	280	125	250	210	22	8-17.5	100	200	180	20	8-17.5	500	610	
	200L2-2	37		1215	245		1430			435	470																
	200L1-2	30		1012	210	600	290	440	490	1140	1175														420	445	
	132M-4	7.5								1100	1135														277	241	
	132S-4	5.5	100	940	290	440	490	1100	1085	1100	1135														214	226	
	112M-4	4								1025	1085														200	208	

Outline mounting dimension

Pump	Motor		A ₁	L ₁	L ₂	L ₃	H	B ₁	B	L		n-φd	a	h	Inlet flange					Outlet flange					Total wt. (kg)	
	Model	kw								Y	YB				DN	D	K	C	n-z	DN	D	K	C	n-z	Y	YB
125-100-250	280S-2	75	210	1505	325	940	290	670	720	1690	1700	4-20	140	280	125	250	210	22	8-17.5	100	200	180	20	8-17.5	817	923
	250M-2	55		1385	295	840	360	600	650	1620	1630														676	778
	225M-2	45	180	1295	295	840	335	600	650	1505	1530														560	670
	160M-4	11	115	1125	220	660	315	490	540	1290	1345														346	371
132M-4	7.5	1055		225	1205					1240	392	306														
132S-4	5.5	1165		1200	279					291																
125-100-315	315S-2	110	210	1540	325	940	425	670	720	1870	1920	4-20	140	315	125	250	210	22	8-17.5	100	200	180	20	8-17.5	1290	1310
	280M-2	90		1505			445	630	680	1820	1830														920	1000
	280S-2	75		1680	1690	845	950																			
	160L-4	15	140	1180	250	740	340	550	600	1325	1380														410	432
125-80-400	200L-4	30	140	1260	245	740	370	550	600	1440	1470	4-20	125	355	125	250	210	22	8-17.5	80	200	160	20	8-17.5	575	605
	180L-4	22		1375						1415	500														580	
	180M-4	18.5		1230						1395	490														530	
	160L-4	15		1180						1310	450														472	
125-100-400	200L-4	30	160	1285	290	840	390	600	650	1445	1485	4-20	140	355	125	250	210	22	8-17.5	100	220	180	20	8-17.5	700	730
	180L-4	22		1245						1390	1430														530	610
	180M-4	18.5		1350						1410	522														560	
	160L-4	15		1215						1325	1380														490	512
150-125-250	180M-4	18.5	140	1180	245	740	340	550	600	1350	1410	4-20	140	355	125	250	210	22	8-17.5	100	220	180	20	8-17.5	435	473
	160L-4	15		250	1325	1380				400	422															
	160M-4	11		1015	210	600				440	490														1280	1335
150-125-315	200L-4	30	160	1285	290	840	360	600	600	1450	1485	4-20	140	400	150	285	240	24	8-22	125	250	210	22	8-17.5	605	635
	180L-4	22		1245						1390	1420														525	605
	180M-4	18.5		1350						1410	517														557	
	160L-4	15		1215						1325	1380														486	508
150-125-400	225M-4	45	160	1345	290	840	425	600	650	1545	1570	4-20	140	400	125	250	210	22	8-22	150	285	240	24	8-22	640	750
	225S-4	37		390			1520			1545	610														716	
	200L-4	30		1285			1475			1505	600														630	
200-150-250	225S-4	37	160	1320	290	840	390	600	650	1500	1525	4-20	160	355	200	340	295	24	12-22	150	285	240	24	8-22	635	740
	200L-4	30		1285						1455	1475														625	705
	180L-4	22		1245						1390	1430														545	625

