

50 Hz



Z8, Z10, Z12 series

8" - 10" - 12" submersible electric pumps

CONTENTS

Z8 Series 6

SPECIFICATIONS..... **6**

PUMP CROSS SECTION AND LIST OF COMPONENTS **7**

IDENTIFICATION CODES..... **10**

RATING PLATE..... **10**

HYDRAULIC PERFORMANCE RANGE..... **11**

Z855: OPERATING CHARACTERISTICS, DIMENSIONS AND WEIGHTS..... **12**

Z875: OPERATING CHARACTERISTICS, DIMENSIONS AND WEIGHTS..... **16**

Z895: OPERATING CHARACTERISTICS, DIMENSIONS AND WEIGHTS..... **20**

Z8125: OPERATING CHARACTERISTICS, DIMENSIONS AND WEIGHTS **24**

PUMP DIMENSIONS AND WEIGHTS..... **28**

Z10 Series 32

SPECIFICATIONS..... **32**

PUMP CROSS SECTION AND LIST OF COMPONENTS **33**

IDENTIFICATION CODES..... **36**

RATING PLATE..... **36**

HYDRAULIC PERFORMANCE RANGE..... **37**

Z10150: OPERATING CHARACTERISTICS, DIMENSIONS AND WEIGHTS..... **38**

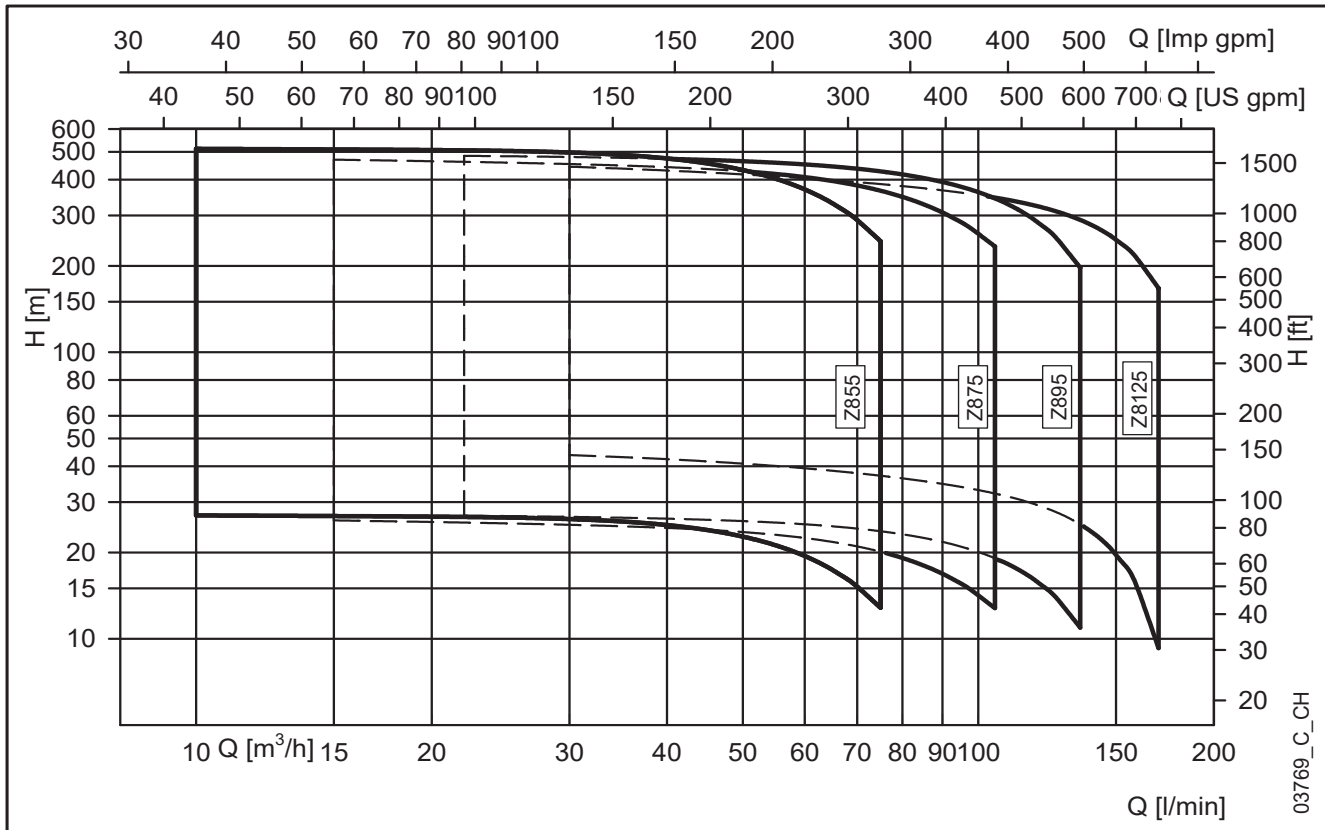
Z10220: OPERATING CHARACTERISTICS, DIMENSIONS AND WEIGHTS **44**

Z10275: OPERATING CHARACTERISTICS, DIMENSIONS AND WEIGHTS..... **50**

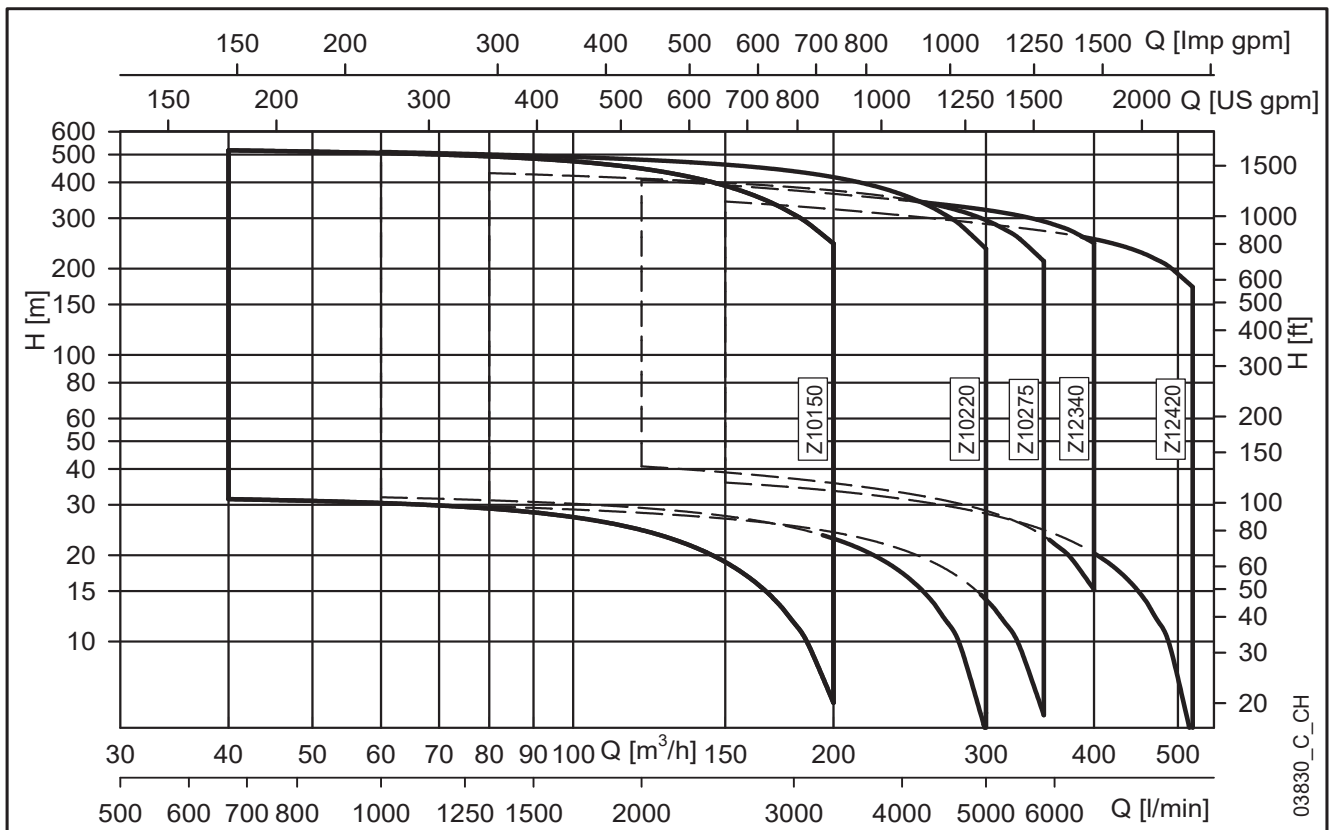
PUMP DIMENSIONS AND WEIGHTS..... **56**

Z12 Series	60
SPECIFICATIONS.....	60
PUMP CROSS SECTION AND LIST OF COMPONENTS	61
IDENTIFICATION CODES.....	64
RATING PLATE.....	64
HYDRAULIC PERFORMANCE RANGE.....	65
Z12340: OPERATING CHARACTERISTICS, DIMENSIONS AND WEIGHTS	66
Z12420: OPERATING CHARACTERISTICS, DIMENSIONS AND WEIGHTS	72
PUMP DIMENSIONS AND WEIGHTS.....	78
ACCESSORIES.....	80
TECHNICAL APPENDIX.....	93

HYDRAULIC PERFORMANCE RANGE Z8 SERIES



Z10, Z12 SERIES



8" Submersible Electric Pumps

Z8 Series



MARKET SECTORS

AGRICULTURE, INDUSTRY, MUNICIPAL.

APPLICATIONS

- Water supply from deep wells.
- Pressure boosting and water distribution
- Supply of surge tanks and reservoirs.
- Firefighting and washing systems.
- Water table level control.
- Irrigation.
- Mines.

SPECIFICATIONS

- **Delivery: up to 180 m³/h.**
- **Head: up to 525 m.**
- Maximum pump overall diameter (2 cable covers included): 198 mm for all versions.
- Maximum electric pump immersion depth: 350 m.
- Maximum permissible quantity of suspended sand: 100 g/m³.
- Standard delivery outlet: Rp 5" for all versions.
- Construction materials available:
 - AISI304 stainless steel (Z8)
 - AISI316 stainless steel (ZN8)
 - **DUPLEX stainless steel (ZR8)**
 - **SUPER DUPLEX stainless steel (ZX8)**
- Horizontal installation possible. Minimum recommended inclination 3°. Motor on the lowest position.

CONSTRUCTION FEATURES

- Electric pumps sturdy and lightweight, easy maintenance and resistant to corrosion in aggressive and non-aggressive environments.
 - Impellers and diffusers made of stainless steel.
 - Delivery casing made of stainless steel.
 - Non-return valve made of stainless steel, with integrated spring.
 - Suction support made of stainless steel.
 - Shaft made of stainless steel.

For available material versions refer to the tables on pages 8-9.

- Guide bearing and wear rings ensure high resistance to wear and guarantee the constant and long-lasting performance of the hydraulic characteristics.
- Coupling and flange mounting dimensions meet NEMA standards.

MOTORS

L6W, L8W, L10W rewindable three-phase motors with water filled winding.

- Three-phase version:

L6W: 4 to 37 kW 380-415 V, 50Hz.

L8W: 30 to 93 kW 380-415 V, 50Hz.

L10W: 93 to 150 kW 380-415 V, 50Hz.

- Maximum supply voltage variations: 400V ±10% (all sizes)

- Maximum number of starts per hour: 15 (L6W), 10 (L8W) and 8 (L10W).

- Horizontal operation:

- L6W, all versions are designed for horizontal installation, provided that the direction of the axial thrust generated by the impellers is always from the pump to the motor.

- L8W, L10W on request for all versions.

- Maximum temperature of water in contact with motor: 25°C (all sizes).

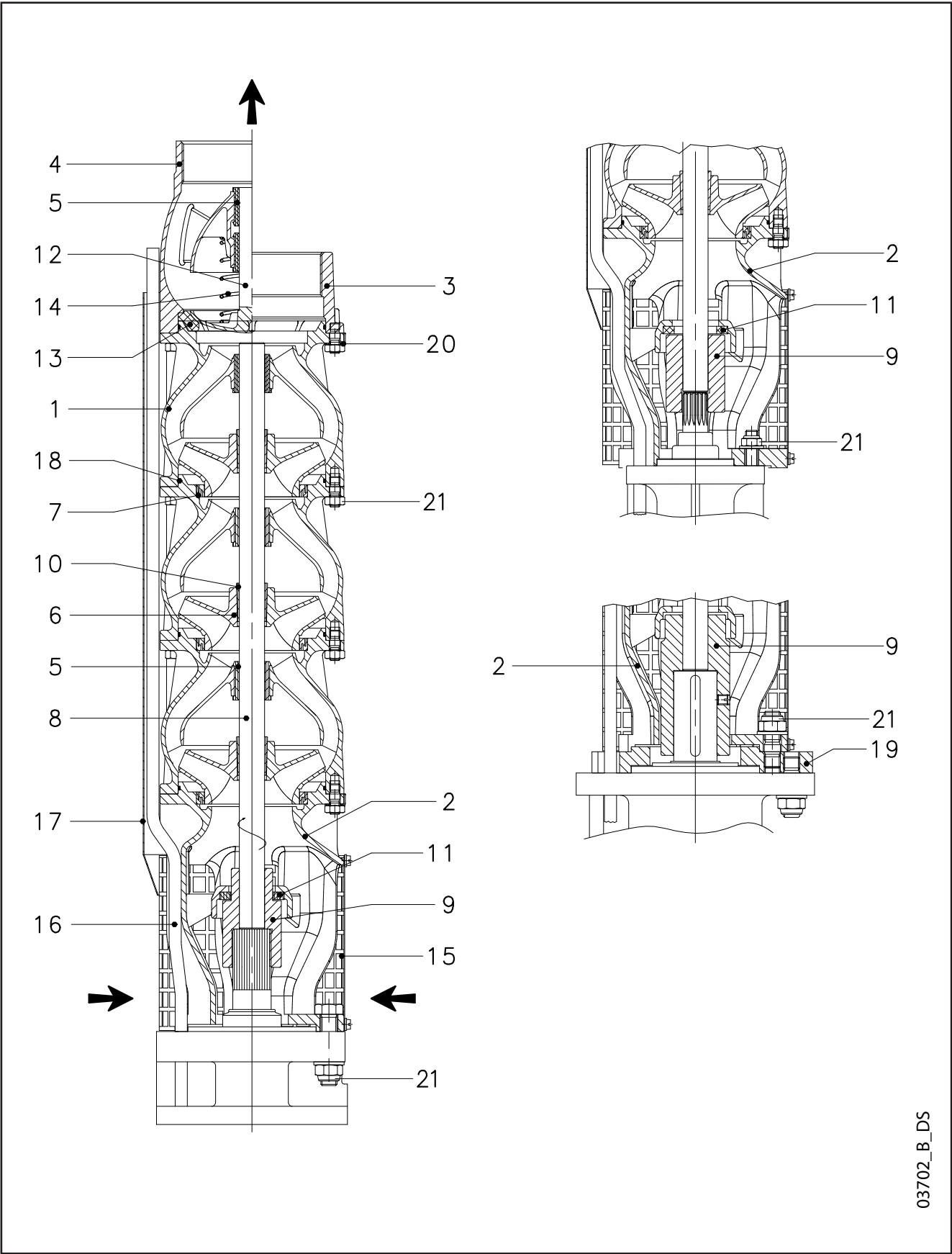
OPTIONAL FEATURES

Customized impeller diameters.

ACCESSORIES

Coupling flanges, control panels, drop cables, cable joints, cooling shrouds

Z8 SERIES
PUMP CROSS SECTION AND LIST OF COMPONENTS



03702_B_DS

Z8 SERIES

TABLE OF MATERIALS

REF. N°	COMPONENT	MATERIAL	DESIGNATION	
			EUROPE	USA
1	Diffuser	Stainless steel	EN 10213-GX5CrNi19-10 (1.4308)	A744-CF 8
2	Lower support / Suction Casing	Stainless steel	EN 10213-GX5CrNi19-10 (1.4308)	A744-CF 8
3	Delivery head	Stainless steel	EN 10213-GX5CrNi19-10 (1.4308)	A744-CF 8
4	Valve Casing	Stainless steel	EN 10213-GX5CrNi19-10 (1.4308)	A744-CF 8
5	Bearing bush	EPDM + Lubricant	-	-
6	Impeller	Stainless steel	EN 10213-GX5CrNi19-10 (1.4308)	A744-CF 8
7	Wear ring	Tecnopolymer POM-C	-	-
8	Pump shaft	Stainless steel	EN 10088-1-X17CrNi16-2 (1.4057)	AISI 431
9	Coupling	Duplex stainless steel	EN 10088-1-X2CrNiMoN22-5-3 (1.4462)	A276/A790-S31803
10	Taperlock	Duplex stainless steel	EN 10088-1-X2CrNiMoN22-5-3 (1.4462)	A276/A790-S31803
11	Thrust Bearing	PTFE + 25% carbon	-	-
12	Valve	Stainless steel	EN 10213-GX5CrNi19-10 (1.4308)	A744-CF 8
13	Valve seal	NBR 90	-	-
14	Valve spring	Stainless steel	EN 10088-1-X5CrNiMo17-12-2 (1.4401)	AISI 316
15	Suction strainer	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
16	Motor cable	-	-	-
17	Cable protection	Stainless steel	EN 10088-1-X5CrNi18-10 (1.4301)	AISI 304
18	Diffuser O-Ring	NBR 70	-	-
19	10" motor adapter	-	-	-
20	Clamping plate	-	-	-
21	Screw, stud, nut	Stainless steel	ISO 3506-1/2 A4-70	AISI 316

z8-zp50-en_h_tm

ZN8 SERIES

TABLE OF MATERIALS

REF. N°	COMPONENT	MATERIAL	DESIGNATION	
			EUROPE	USA
1	Diffuser	Austenitic Stainless Steel	EN 10283-GX5CrNiMo 19 11 2 (1.4408)	ASTM - CF8M
2	Lower support / Suction Casing	Austenitic Stainless Steel	EN 10283-GX5CrNiMo 19 11 2 (1.4408)	ASTM - CF8M
3	Delivery head	Austenitic Stainless Steel	EN 10283-GX5CrNiMo 19 11 2 (1.4408)	ASTM - CF8M
4	Valve Casing	Austenitic Stainless Steel	EN 10283-GX5CrNiMo 19 11 2 (1.4408)	ASTM - CF8M
5	Bearing bush	EPDM 70	-	-
6	Impeller	Austenitic Stainless Steel	EN 10283-GX5CrNiMo 19 11 2 (1.4408)	ASTM - CF8M
7	Wear ring	Technopolymer POM-C	-	-
8	Pump shaft	Duplex Stainless Steel	EN 10088-X2CrNiMoN 22 5 3 (1.4462)	ASTM - F51
9	Coupling	Duplex Stainless Steel	EN 10088-X2CrNiMoN 22 5 3 (1.4462)	ASTM - F51
10	Taperlock	Duplex Stainless Steel	EN 10088-X2CrNiMoN 22 5 3 (1.4462)	ASTM - F51
11	Thrust Bearing	Guarniflon G412	-	-
12	Valve	Austenitic Stainless Steel	EN 10283-GX5CrNiMo 19 11 2 (1.4408)	ASTM - CF8M
13	Valve seal	EPDM 90	-	-
14	Valve spring	Stainless steel	EN 10088-X5CrNiMo 17 12 2 (1.4401)	AISI 316
15	Suction strainer	Stainless steel	EN 10088-X6CrNiMoTi 17 12 2 (1.4571)	ASTM - 316Ti
16	Motor cable	-	-	-
17	Cable protection	Stainless steel	EN 10088-X6CrNiMoTi 17 12 2 (1.4571)	ASTM - 316Ti
18	Diffuser O-Ring	EPDM 70	-	-
19	10" motor adapter	-	-	-
20	Clamping plate	Stainless steel	EN 10088-X6CrNiMoTi 17 12 2 (1.4571)	ASTM - 316Ti
21	Screw, stud, nut	Stainless steel	ISO 3506-1/2 A4-70	AISI 316

z8_zn8-zp50-en_a_tm

ZR8 SERIES

TABLE OF MATERIALS

REF. N°	COMPONENT	MATERIAL	DESIGNATION	
			EUROPE	USA
1	Diffuser	Duplex stainless steel	EN 10213-4-GX2CrNiMoCuN25-6-3-3 (1.4517)	-
2	Lower support / Suction Casing	Duplex stainless steel	EN 10213-4-GX2CrNiMoCuN25-6-3-3 (1.4517)	-
3	Delivery head	Duplex stainless steel	EN 10213-4-GX2CrNiMoCuN25-6-3-3 (1.4517)	-
4	Valve Casing	Duplex stainless steel	EN 10213-4-GX2CrNiMoCuN25-6-3-3 (1.4517)	-
5	Bearing bush	EPDM + Lubricant	-	-
6	Impeller	Duplex stainless steel	EN 10213-4-GX2CrNiMoCuN25-6-3-3 (1.4517)	-
7	Wear ring	Tecnopolymer POM-C	-	-
8	Pump shaft	Duplex stainless steel	EN 10088-1-X2CrNiMoN22-5-3 (1.4462)	A276/A790-S31803
9	Coupling	Duplex stainless steel	EN 10088-1-X2CrNiMoN22-5-3 (1.4462)	A276/A790-S31803
10	Taperlock	Duplex stainless steel	EN 10088-1-X2CrNiMoN22-5-3 (1.4462)	A276/A790-S31803
11	Thrust Bearing	PTFE + 25% carbon	-	-
12	Valve	Duplex stainless steel	EN 10213-4-GX2CrNiMoCuN25-6-3-3 (1.4517)	-
13	Valve seal	NBR 90	-	-
14	Valve spring	Hastelloy C4	DIN17744-NiMo16Cr16Ti (2.4610)	N06455
15	Suction strainer	Stainless steel	EN 10088-1X1NiCrMoCu25-20-5 (1.4539)	AISI 904L
16	Motor cable	-	-	-
17	Cable protection	Stainless steel	EN 10088-1X1NiCrMoCu25-20-5 (1.4539)	AISI 904L
18	Diffuser O-Ring	NBR 70	-	-
19	10" motor adapter	-	-	-
20	Clamping plate	-	-	-
21	Screw, stud, nut	Duplex stainless steel	EN 10088-1-X2CrNiMoN22-5-3 (1.4462)	A276/A790-S31803

z8_zr8-2p50-en_d_tm

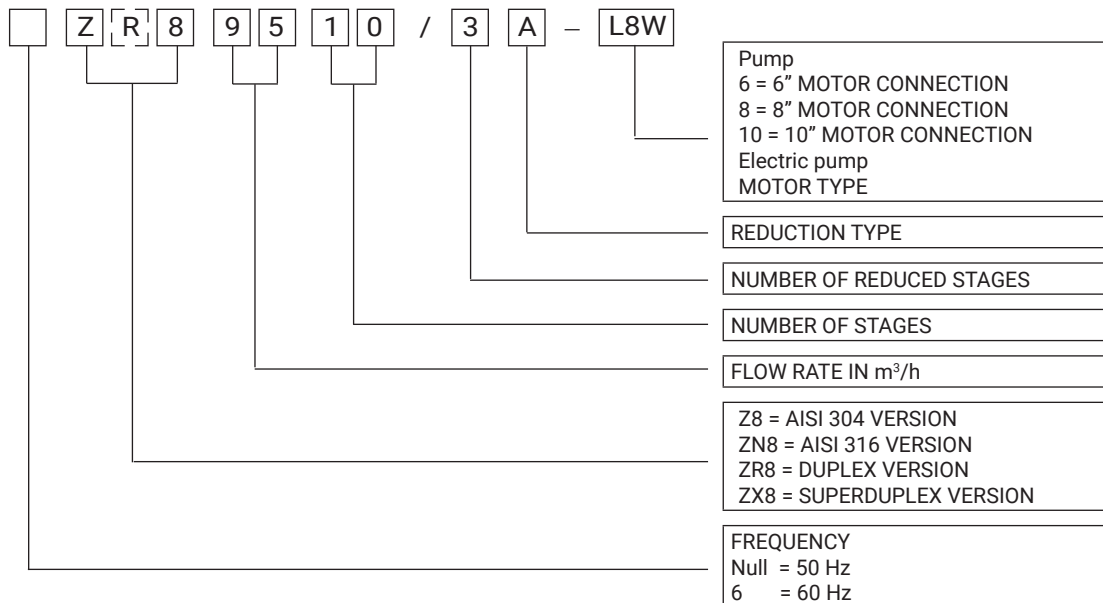
ZX8 SERIES

TABLE OF MATERIALS

REF. N°	COMPONENT	MATERIAL	DESIGNATION	
			EUROPE	USA
1	Diffuser	Super Duplex Stainless Steel	EN 10283-GX2CrNiMoN 26 7 4 (1.4469)	ASTM - CE3MN
2	Lower support / Suction Casing	Super Duplex Stainless Steel	EN 10283-GX2CrNiMoN 26 7 4 (1.4469)	ASTM - CE3MN
3	Delivery head	Super Duplex Stainless Steel	EN 10283-GX2CrNiMoN 26 7 4 (1.4469)	ASTM - CE3MN
4	Valve Casing	Super Duplex Stainless Steel	EN 10283-GX2CrNiMoN 26 7 4 (1.4469)	ASTM - CE3MN
5	Bearing bush	EPDM 70	-	-
6	Impeller	Super Duplex Stainless Steel	EN 10283-GX2CrNiMoN 26 7 4 (1.4469)	ASTM - CE3MN
7	Wear ring	Technopolymer POM-C	-	-
8	Pump shaft	Super Duplex Stainless Steel	EN 10088-X2CrNiMoN 25 7 4 (1.4410)	ASTM - F53
9	Coupling	Super Duplex Stainless Steel	EN 10088-X2CrNiMoN 25 7 4 (1.4410)	ASTM - F53
10	Taperlock	Super Duplex Stainless Steel	EN 10088-X2CrNiMoN 25 7 4 (1.4410)	ASTM - F53
11	Thrust Bearing	Guarniflon G412	-	-
12	Valve	Super Duplex Stainless Steel	EN 10283-GX2CrNiMoN 26 7 4 (1.4469)	ASTM - CE3MN
13	Valve seal	EPDM 90	-	-
14	Valve spring	Hastelloy C4	DIN17744-NiMo16Cr16Ti (2.4610)	N06455
15	Suction strainer	Super Duplex Stainless Steel	EN 10088-X2CrNiMoN 25 7 4 (1.4410)	ASTM - F53
16	Motor cable	-	-	-
17	Cable protection	Super Duplex Stainless Steel	EN 10088-X2CrNiMoN 25 7 4 (1.4410)	ASTM - F53
18	Diffuser O-Ring	EPDM 70	-	-
19	10" motor adapter	-	-	-
20	Clamping plate	Super Duplex Stainless Steel	EN 10088-X2CrNiMoN 25 7 4 (1.4410)	ASTM - F53
21	Screw, stud, nut	Super Duplex Stainless Steel	EN 10088-X2CrNiMoN 25 7 4 (1.4410)	ASTM - F53

z8_zx8-2p50-en_a_tm

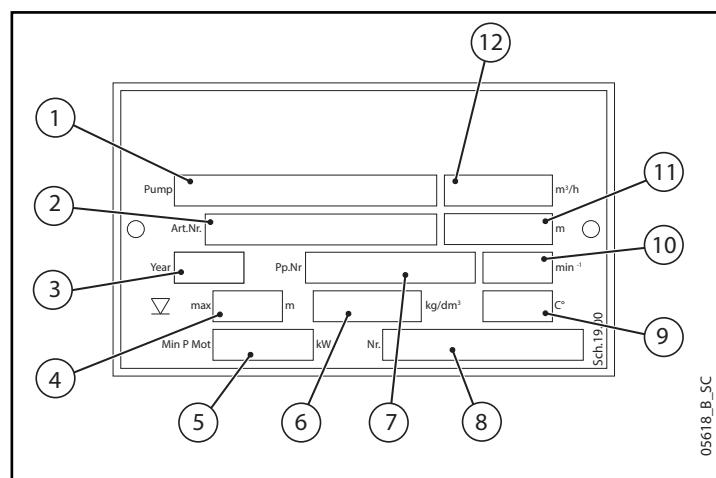
Z8 SERIES IDENTIFICATION CODES



EXAMPLE : ZR8 9510/3A - L8W

8" electric pump, 50 Hz, made of DUPLEX, flow rate 95 m³/h, 10 stages including 3 reduced ones, coupled to an 8" L8W motor.

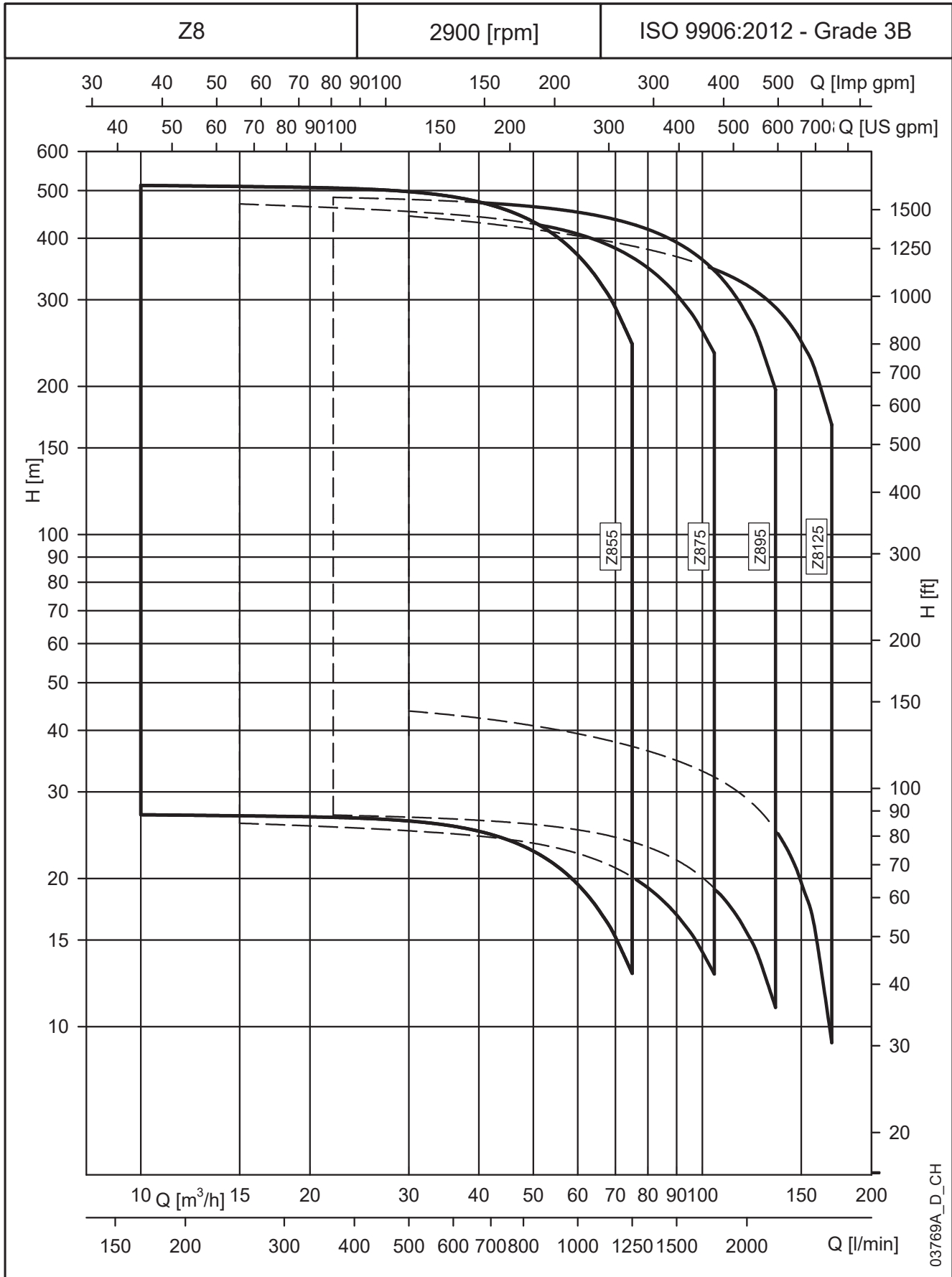
RATING PLATE



LEGEND

- 1 - Pump type
- 2 - Article code of the pump
- 3 - Year of production
- 4 - Max. immersion depth
- 5 - Min. required motor power
- 6 - Density of medium
- 7 - Data set entry for additional identification
- 8 - Serial number
- 9 - Max. water temperature
- 10 - Speed
- 11 - Head
- 12 - Nominal flow

Z8 SERIES HYDRAULIC PERFORMANCE RANGE



Z855: 1 TO 7 STAGES OPERATING CHARACTERISTICS

PUMP TYPE	MOTOR POWER kW	Q = DELIVERY						
		l/min 0	166,7	508,3	858,3	1200,0	1216,7	1333,3
		m³/h 0	10	30,5	51,5	72	73	80
H = TOTAL HEAD METRES COLUMN OF WATER								
Z855 01	5,5	27,6	27,0	26,1	22,3	14,3	13,8	10,3
Z855 02/2A	7,5	44,1	42,9	42,0	33,3	15,8	14,9	
Z855 02/1A	7,5	49,5	48,1	47,0	39,0	22,1	21,1	
Z855 02	9,3	55,2	53,9	52,3	44,6	28,6	27,6	20,7
Z855 03/2A	11	71,4	69,3	67,8	55,5	29,8	28,3	
Z855 03	15	82,8	80,9	78,4	66,9	42,9	41,4	31,0
Z855 04/2A	15	99,0	96,3	94,0	77,9	44,1	42,2	
Z855 04	18,5	110,5	107,8	104,5	89,3	57,1	55,2	41,3
Z855 05/3A	18,5	121,0	117,5	114,9	94,6	51,9	49,5	
Z855 05/2A	22	126,5	123,1	120,1	100,3	58,4	55,9	38,7
Z855 05	22	138,1	134,8	130,7	111,6	71,4	69,0	51,6
Z855 06/2A	26	154,0	150,0	146,1	122,5	72,5	69,6	
Z855 06	30	165,7	161,7	156,8	133,9	85,7	82,8	62,0
Z855 07/2A	30	181,8	177,1	172,5	145,0	87,1	83,7	
Z855 07	30	193,3	188,7	183,0	156,2	100,0	96,7	72,3

Pump performance at 2900 rpm

z855-2p50-en_c_th

DIMENSIONS AND WEIGHTS

ELECTRO PUMP TYPE	DIMENSIONS (mm)				ELECTRO PUMP WEIGHT kg ⁽³⁾
	A ⁽⁴⁾	C ⁽¹⁾	M	Tmin ⁽²⁾	
Z855 01-L6W	1173	200	144	1613	68,6
Z855 02/2A-L6W	1348	200	144	1653	81,2
Z855 02/1A-L6W	1348	200	144	1653	81,2
Z855 02-L6W	1378	200	144	1683	85,2
Z855 03/2A-L6W	1553	200	144	1723	97,9
Z855 03-L6W	1663	200	144	1833	109,9
Z855 04/2A-L6W	1798	200	144	1833	118,5
Z855 04-L6W	1868	200	144	1903	126,5
Z855 05/3A-L6W	2003	200	144	1903	135,2
Z855 05/2A-L6W	2023	200	144	1943	138,2
Z855 05-L6W	2023	200	144	1943	138,2
Z855 06/2A-L6W	2248	200	144	2071	155,8
Z855 06-L6W	2248	200	144	2151	158,8
Z855 07/2A-L6W	2511	200	144	2151	167,5
Z855 07-L6W	2511	200	144	2151	167,5

z8-z855-2p50-en_d_td

⁽¹⁾ Max electric pump diameter with 2 motor cables included.

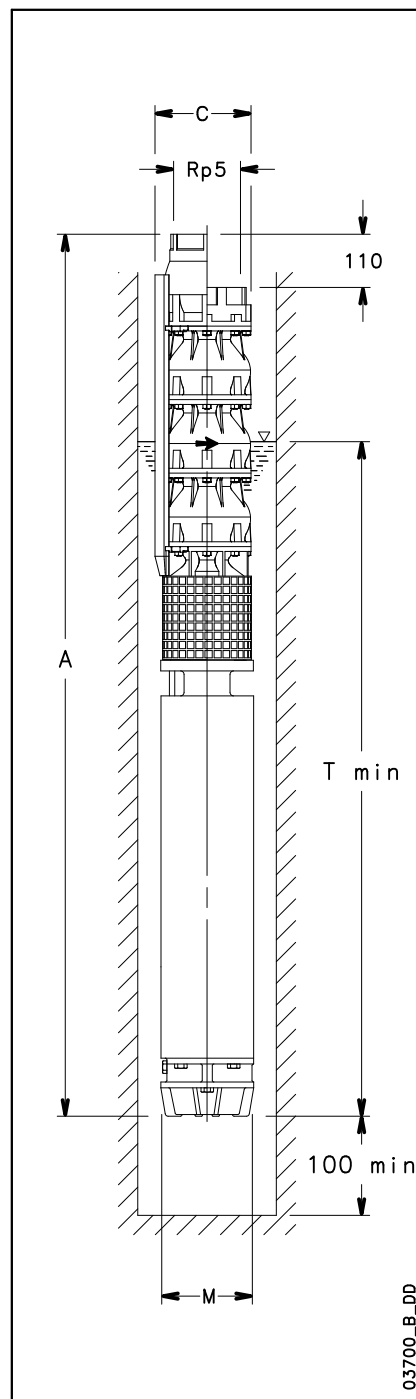
In case of 1 motor cable C = 198 mm with L6W motor.

⁽²⁾ Tmin valid only for max flow speed of 4,2 m/s.

For higher speeds please contact our sales network.

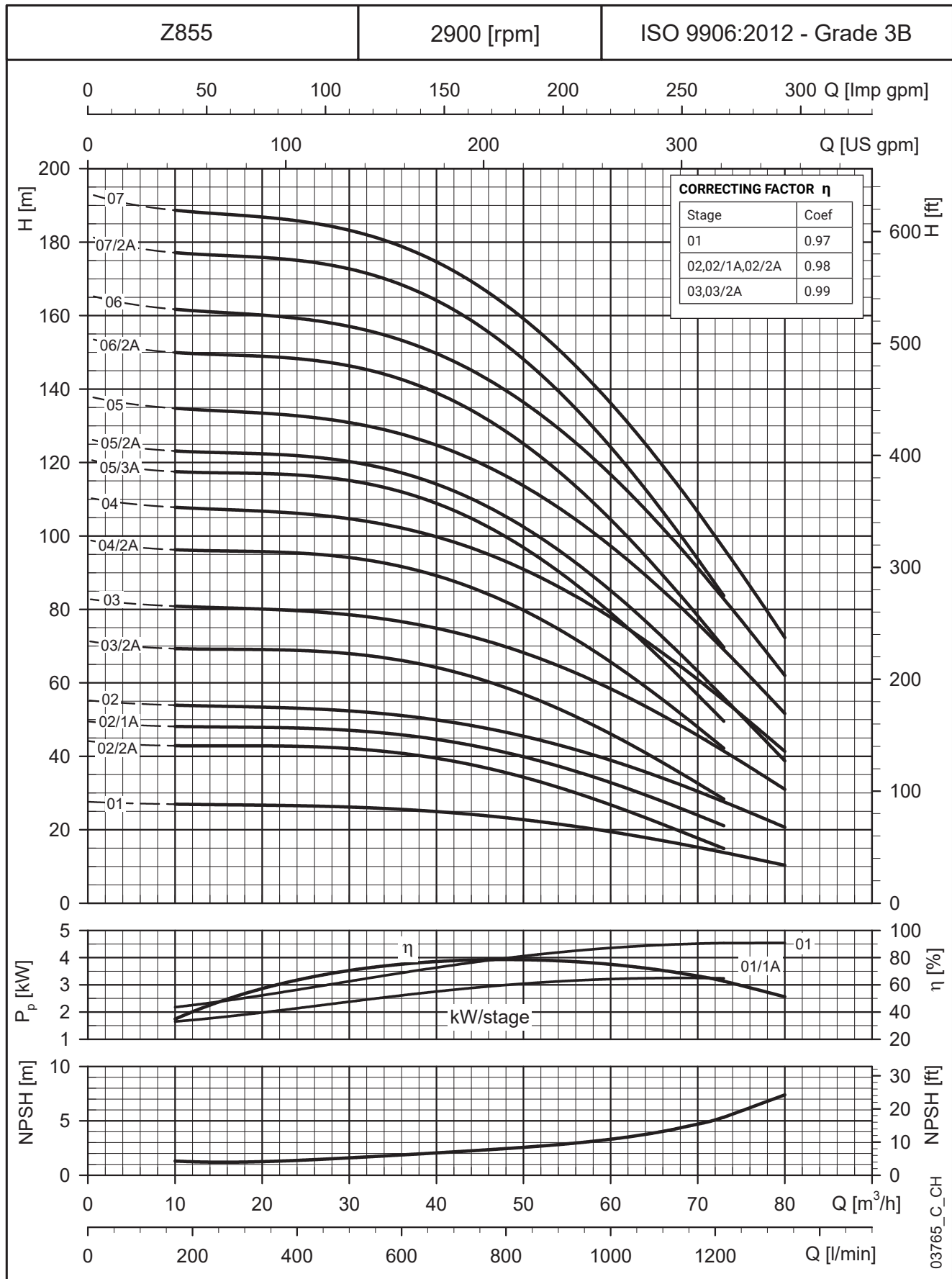
⁽³⁾ Without cables.

⁽⁴⁾ For pumps without non-return valve, reduce dimension A by 110 mm and reduce weight by 4 kg.



Q3700_B_DD

Z855: 1 TO 7 STAGES OPERATING CHARACTERISTICS



The flow resistance of the non-return valve has been considered.
 These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

Z855: 8 TO 19 STAGES OPERATING CHARACTERISTICS

PUMP TYPE	MOTOR POWER kW	Q = DELIVERY						
		l/min 0	166,7	508,3	858,3	1200,0	1216,7	1333,3
		m³/h 0	10	30,5	51,5	72	73	80
H = TOTAL HEAD METRES COLUMN OF WATER								
Z855 08/2A	37	209,5	204,1	198,6	167,4	101,4	97,6	
Z855 08	37	220,9	215,6	209,1	178,5	114,3	110,5	82,6
Z855 09/2A	37	237,0	231,1	224,8	189,7	115,7	111,4	
Z855 09	45	248,5	242,6	235,2	200,8	128,6	124,3	93,0
Z855 10/2A	45	264,4	257,8	250,7	211,8	129,8	124,9	
Z855 10	45	276,2	269,5	261,4	223,1	142,9	138,1	103,3
Z855 11/2A	45	292,5	285,1	276,9	233,4	142,8	137,5	
Z855 11	52	303,8	296,5	287,5	245,5	157,1	151,9	113,6
Z855 12	52	331,4	323,5	313,6	267,8	171,4	165,7	124,0
Z855 13	55	359,0	350,4	339,8	290,1	185,7	179,5	134,3
Z855 14	67	386,6	377,4	365,9	312,4	200,0	193,3	144,6
Z855 15	67	414,2	404,3	392,1	334,7	214,3	207,1	154,9
Z855 16	75	441,8	431,3	418,2	357,0	228,6	220,9	165,3
Z855 16	75	441,8	431,3	418,2	357,0	228,6	220,9	165,3
Z855 18	83	497,1	485,2	470,5	401,7	257,1	248,5	185,9
Z855 19	93	524,7	512,1	496,6	424,0	271,4	262,3	196,3

Pump performance at 2900 rpm

z855a-2p50-en_c_th

DIMENSIONS AND WEIGHTS

ELECTRO PUMP TYPE	DIMENSIONS (mm)				ELECTRO PUMP WEIGHT kg ⁽³⁾
	A ⁽⁴⁾	C ⁽¹⁾	M	Tmin ⁽²⁾	
Z855 08/2A-L6W	2756	200	144	2301	192,1
Z855 08-L6W	2756	200	144	2301	192,1
Z855 09/2A-L6W	2891	200	144	2301	200,8
Z855 09-L8W	2775	203,3	192	2195	275,1
Z855 10/2A-L8W	2910	203,3	192	2195	283,8
Z855 10-L8W	2910	203,3	192	2195	283,8
Z855 11/2A-L8W	3105	203,3	192	2195	292,4
Z855 11-L8W	3195	203,3	192	2285	312,4
Z855 12-L8W	3330	203,3	192	2285	321,1
Z855 13-L8W	3370	203,3	192	2325	335,7
Z855 14-L8W	3780	203,3	192	2465	373,4
Z855 15-L8W	3915	203,3	192	2465	382
Z855 16-L8W	4140	203,3	192	2555	407,7
Z855 17-L8W	4275	203,3	192	2555	416,3
Z855 18-L8W	4470	203,3	192	2615	438
Z855 19-L8W	4725	203,3	192	2755	471,6

z8-z855a-2p50-en_d_td

⁽¹⁾ Max electric pump diameter with 2 motor cables included.

In case of 1 motor cable C = 198 mm with L6W motor.

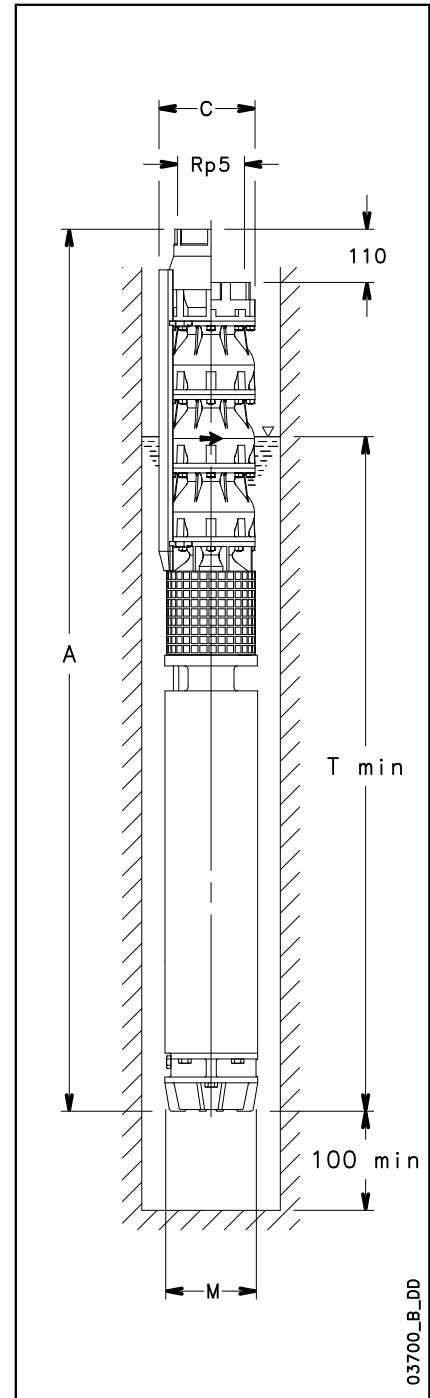
C = 201,5 mm with L8W motor.

⁽²⁾ T min valid only for max flow speed of 4,2 m/s.

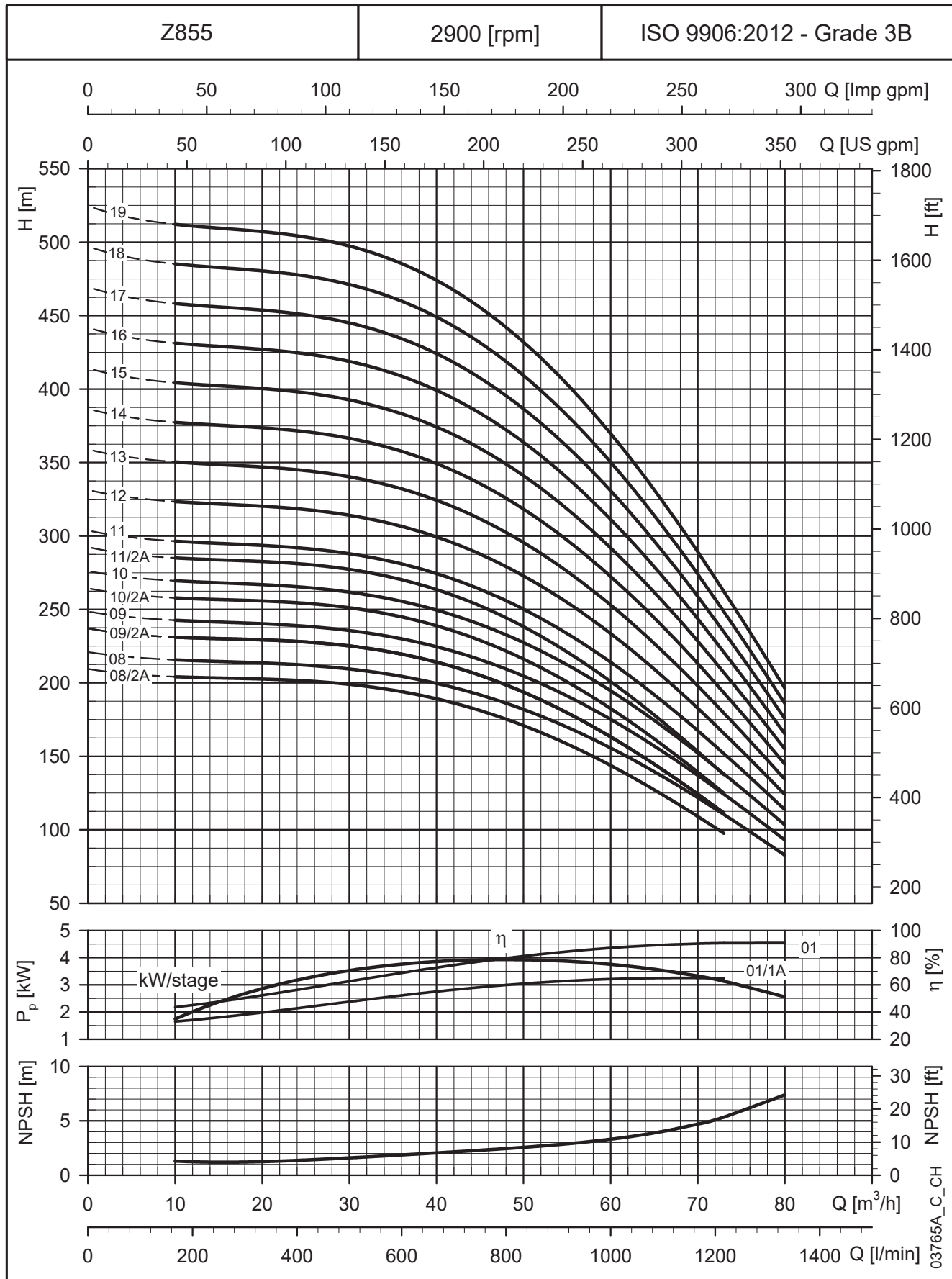
For higher speeds please contact our sales network.

⁽³⁾ Without cables.

⁽⁴⁾ For pumps without non-return valve, reduce dimension A by 110 mm and reduce weight by 4 kg.



Z855: 8 TO 19 STAGES OPERATING CHARACTERISTICS



The flow resistance of the non-return valve has been considered.
These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

Z875: 1 TO 6 STAGES OPERATING CHARACTERISTICS

PUMP TYPE	MOTOR POWER kW	Q = DELIVERY						
		l/min 0	250,0	633,3	1033,3	1416,7	1700,0	1833,3
		m³/h 0	15	38	62	85	102	110
		H = TOTAL HEAD METRES COLUMN OF WATER						
Z875 01	5,5	27,9	26,5	25,1	22,8	18,6	14,3	11,9
Z875 02/2A	7,5	42,3	40,1	38,1	33,2	23,6	13,8	
Z875 02/1A	9,3	49,1	46,6	44,1	39,3	30,5	21,1	
Z875 02	11	55,9	52,9	50,1	45,6	37,3	28,5	23,8
Z875 03/3A	11	63,4	60,2	57,2	49,7	35,4	20,7	
Z875 03/2A	13	70,2	66,7	63,1	55,9	42,3	28,0	
Z875 03/1A	15	77,0	73,2	69,1	62,1	49,3	35,3	
Z875 03	18,5	83,8	79,4	75,2	68,3	55,9	42,8	35,7
Z875 04/2A	18,5	98,2	93,2	88,1	78,7	61,1	42,2	
Z875 04	22	111,8	105,8	100,2	91,1	74,6	57,0	47,6
Z875 05/2A	26	126,1	119,8	113,1	101,4	79,9	56,4	
Z875 05	30	139,7	132,3	125,3	113,9	93,2	71,3	59,4
Z875 06/2A	30	154,0	146,3	138,2	124,2	98,6	70,5	
Z875 06/1A	30	160,8	152,8	144,1	130,3	105,6	77,8	
Z875 06	37	167,6	159,3	150,1	136,5	112,5	85,1	69,0

Pump performance at 2900 rpm

z875-2p50-en_d_th

DIMENSIONS AND WEIGHTS

ELECTRO PUMP TYPE	DIMENSIONS (mm)				ELECTRO PUMP WEIGHT kg ⁽³⁾
	A ⁽⁴⁾	C ⁽¹⁾	M	Tmin ⁽²⁾	
Z875 01-L6W	1190	200	144	1613	68,9
Z875 02/2A-L6W	1382	200	144	1653	82,2
Z875 02/1A-L6W	1412	200	144	1683	86,2
Z875 02-L6W	1452	200	144	1723	90,2
Z875 03/3A-L6W	1604	200	144	1723	99,4
Z875 03/2A-L6W	1644	200	144	1763	103,4
Z875 03/1A-L6W	1714	200	144	1833	111,4
Z875 03-L6W	1784	200	144	1903	119,4
Z875 04/2A-L6W	1936	200	144	1903	128,6
Z875 04-L6W	1956	200	144	1943	131,6
Z875 05/2A-L6W	2198	200	144	2071	149,9
Z875 05-L6W	2326	200	144	2151	152,9
Z875 06/2A-L6W	2478	200	144	2151	162,1
Z875 06/1A-L6W	2478	200	144	2151	162,1
Z875 06-L6W	2588	200	144	2301	178,1

z875-2p50-en_d_td

⁽¹⁾ Max electric pump diameter with 2 motor cables included.

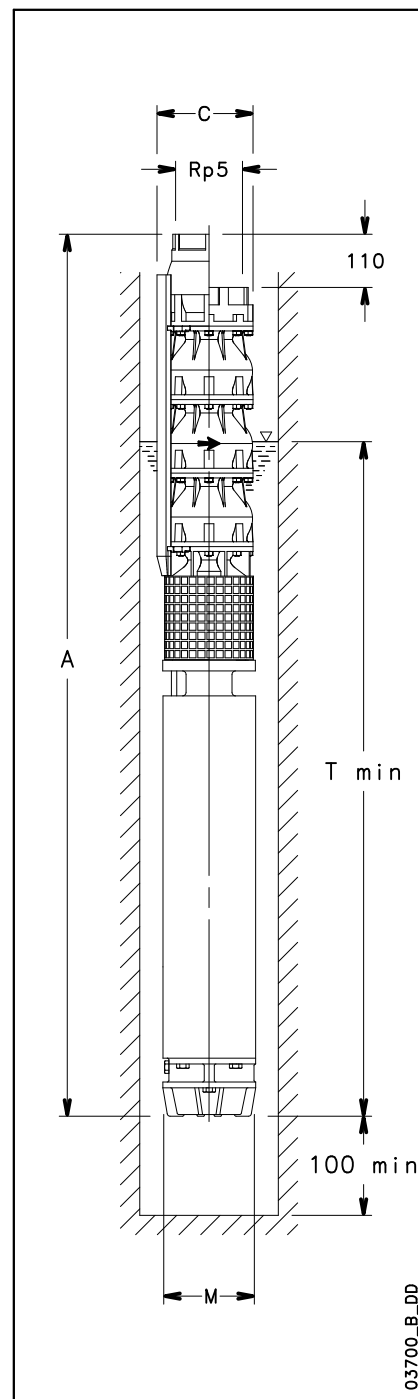
In case of 1 motor cable C = 198 mm with L6W motor.

⁽²⁾ Tmin valid only for max flow speed of 4,2 m/s.

For higher speeds please contact our sales network.

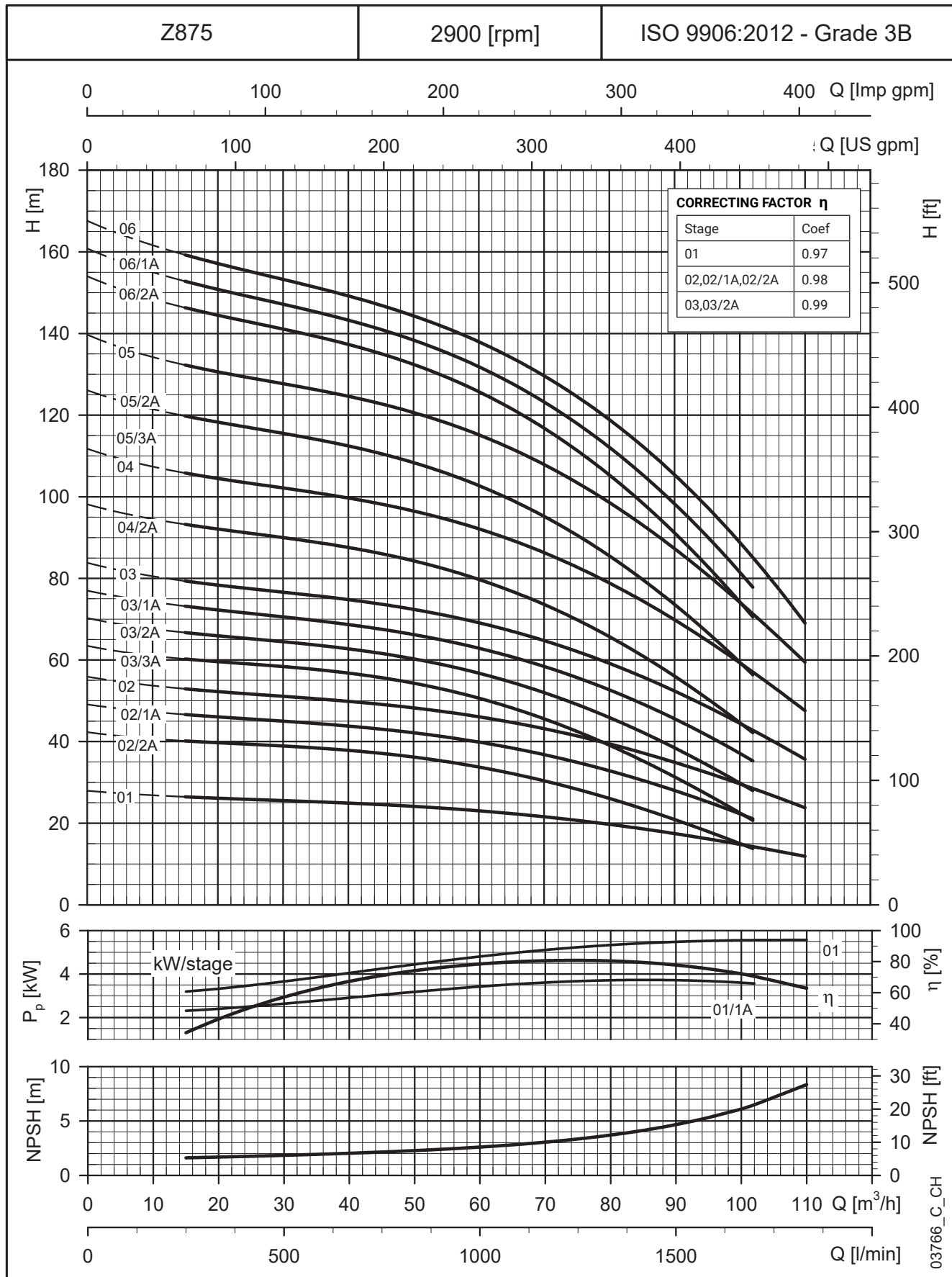
⁽³⁾ Without cables.

⁽⁴⁾ For pumps without non-return valve, reduce dimension A by 110 mm and reduce weight by 4 kg.



Q3700_B_DD

Z875: 1 TO 6 STAGES OPERATING CHARACTERISTICS



The flow resistance of the non-return valve has been considered.
 These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

Z875: 7 TO 18 STAGES OPERATING CHARACTERISTICS

PUMP TYPE	MOTOR POWER kW	Q = DELIVERY						
		l/min 0	250,0	633,3	1033,3	1416,7	1700,0	1833,3
		m³/h 0	15	38	62	85	102	110
H = TOTAL HEAD METRES COLUMN OF WATER								
Z875 07/2A	37	182,0	172,9	163,2	146,9	117,4	84,7	
Z875 07	45	195,6	185,2	175,4	159,4	130,5	99,8	83,2
Z875 08/2A	45	209,9	199,4	188,2	169,7	136,1	98,9	
Z875 08	45	223,5	211,6	200,5	182,2	149,1	114,1	
Z875 09/2A	45	237,8	226,0	213,2	192,4	154,9	113,1	89,2
Z875 09/1A	52	244,6	232,4	219,1	198,6	161,8	120,4	
Z875 09	52	251,5	238,1	225,5	205,0	167,8	128,3	107,0
Z875 10/2A	52	265,8	252,5	238,2	215,1	173,6	127,3	
Z875 10	55	279,4	264,5	250,6	227,8	186,4	142,6	118,9
Z875 11/2A	55	293,7	279,0	263,2	237,9	192,4	141,5	
Z875 11	60	307,3	291,0	275,7	250,6	205,0	156,8	130,8
Z875 12	67	335,3	317,5	300,7	273,3	223,7	171,1	142,7
Z875 13	75	363,2	343,9	325,8	296,1	242,3	185,4	154,5
Z875 14	83	391,2	370,4	350,8	318,9	261,0	199,6	166,4
Z875 15	83	417,7	395,4	374,5	340,3	278,1	212,4	176,8
Z875 16	93	445,5	421,8	399,5	363,0	296,7	226,5	188,6
Z875 17	93	475,0	449,7	426,0	387,2	316,9	242,4	202,1
Z875 18	110	502,9	476,2	451,1	410,0	335,5	256,6	214,0

Pump performance at 2900 rpm

z875a-2p50-en_d_th

DIMENSIONS AND WEIGHTS

ELECTRO PUMP TYPE	DIMENSIONS (mm)				ELECTRO PUMP TYPE kg ⁽³⁾
	A ⁽⁴⁾	C ⁽¹⁾	M	Tmin ⁽²⁾	
Z875 07/2A-L6W	2740	200	144	2301	187,3
Z875 07-L8W	2624	203,3	192	2135	262,3
Z875 08/2A-L8W	2776	203,3	192	2135	270,9
Z875 08-L8W	2776	203,3	192	2135	270,9
Z875 09/2A-L8W	2928	203,3	192	2135	280,1
Z875 09/1A-L8W	3008	203,3	192	2215	300,1
Z875 09-L8W	3008	203,3	192	2215	300,1
Z875 10/2A-L8W	3160	203,3	192	2215	309,4
Z875 10-L8W	3190	203,3	192	2245	315,4
Z875 11/2A-L8W	3342	203,3	192	2245	324,6
Z875 11-L8W	3392	203,3	192	2295	335,6
Z875 12-L8W	3624	203,3	192	2375	362,8
Z875 13-L8W	3856	203,3	192	2455	389
Z875 14-L8W	4078	203,3	192	2545	411,3
Z875 15-L8W	4230	203,3	192	2545	420,5
Z875 16-L8W	4512	203,3	192	2655	454,7
Z875 17-L8W	4664	203,3	192	2655	464
Z875 18-L10W	4884	235	236	2702	584,2

z875a-2p50-en_e_td

⁽¹⁾ Max electric pump diameter with 2 motor cables included.

In case of 1 motor cable C = 198 mm with L6W motor.

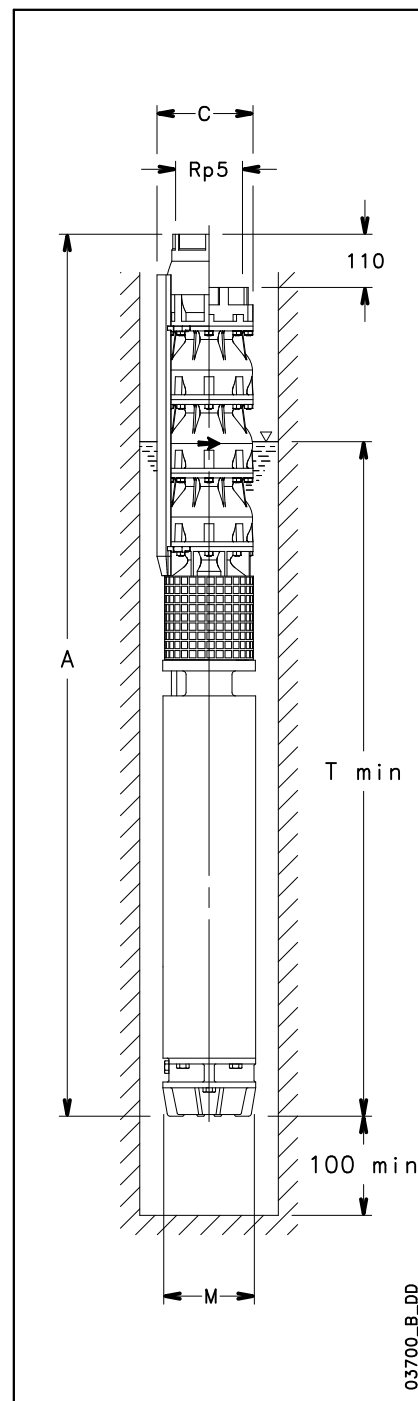
C = 201,5 mm with L8W motor.

⁽²⁾ Tmin valid only for max flow speed of 4,2 m/s.

For higher speeds please contact our sales network.

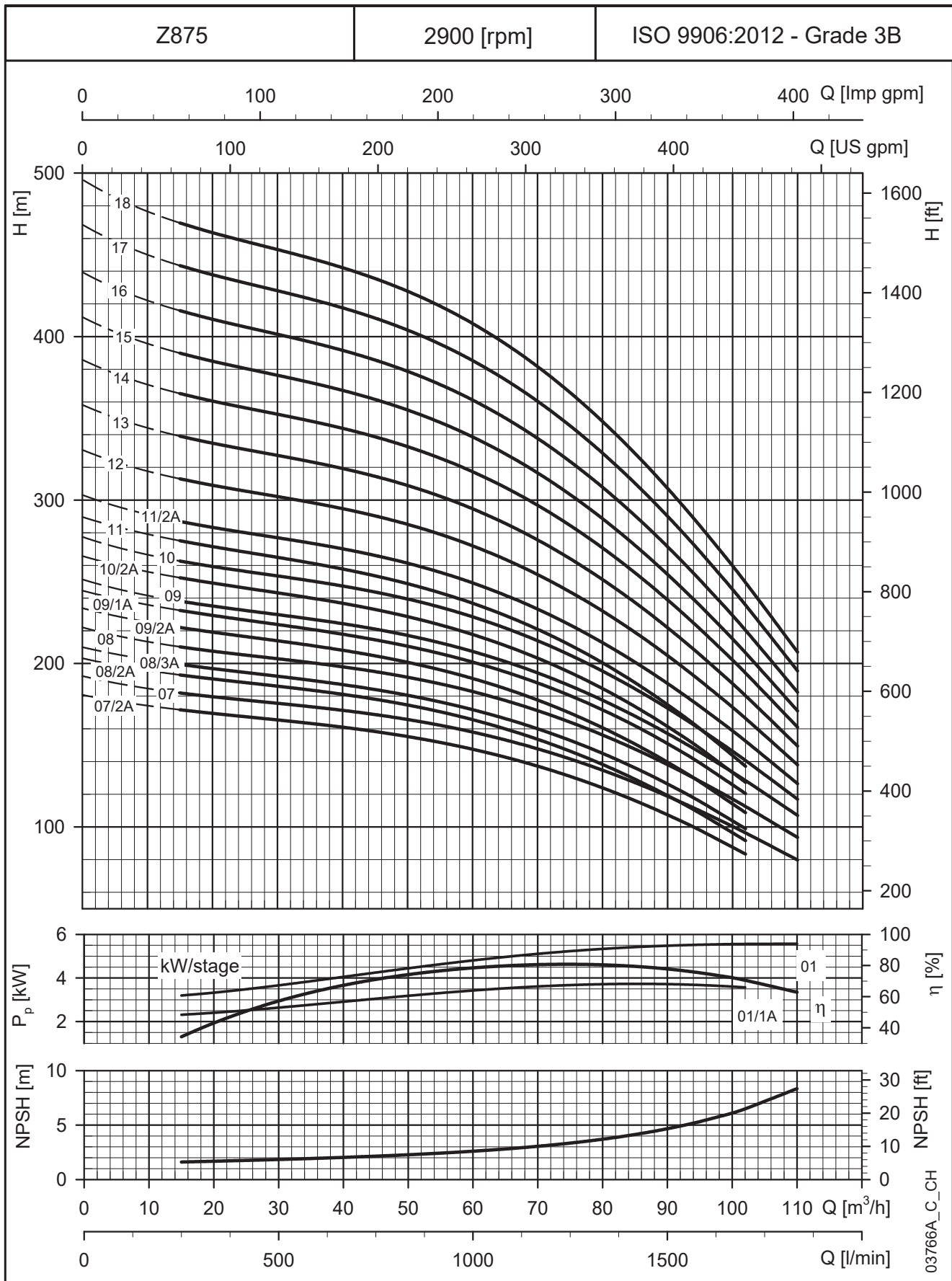
⁽³⁾ Without cables.

⁽⁴⁾ For pumps without non-return valve, reduce dimension A by 110 mm and reduce weight by 4 kg.



Q3700_B_DD

Z875: 7 TO 18 STAGES OPERATING CHARACTERISTICS



Z895: 1 TO 6 STAGES OPERATING CHARACTERISTICS

PUMP TYPE	MOTOR POWER kW	Q = DELIVERY						
		l/min 0	366,7	833,3	1300,0	1766,7	1966,7	2300,0
		m³/h 0	22	50	78	106	118	138
H = TOTAL HEAD METRES COLUMN OF WATER								
Z895 01	7,5	27,5	26,9	25,8	23,4	18,9	16,1	9,9
Z895 02/2B	11	38,0	38,4	36,6	31,5	21,7	15,6	
Z895 02/2A	13	45,6	45,6	43,7	38,8	29,5	23,6	
Z895 02	15	55,0	53,8	51,5	46,8	37,8	32,2	19,8
Z895 03/2B	18,5	64,5	64,8	62,0	54,6	40,4	31,5	
Z895 03/1A	22	77,7	76,6	73,4	66,3	52,6	44,1	
Z895 03	26	82,6	80,7	77,3	70,2	56,7	48,2	29,6
Z895 04/2B	26	92,2	92,1	88,2	78,4	59,8	48,1	
Z895 04/2A	30	100,5	99,4	95,3	85,7	67,4	55,9	
Z895 04	30	110,1	107,6	103,0	93,6	75,6	64,3	39,5
Z895 05/3A	37	123,2	122,2	117,1	105,1	82,2	67,8	
Z895 05	37	137,6	134,5	128,8	117,0	94,5	80,4	
Z895 06/3A	45	150,7	149,1	142,9	128,5	101,1	83,9	
Z895 06	45	165,1	161,4	154,6	140,4	113,4	96,5	59,3

Pump performance at 2900 rpm

z895-2p50-en_c_th

DIMENSIONS AND WEIGHTS

ELETTR POMPA TIPO	DIMENSIONI (mm)				PESO ELETTR POMPA kg ⁽³⁾
	A ⁽⁴⁾	C ⁽¹⁾	M	Tmin ⁽²⁾	
Z895 01-L6W	1230	200	144	1653	72,9
Z895 02/2B-L6W	1452	200	144	1723	90,2
Z895 02/2A-L6W	1492	200	144	1763	94,2
Z895 02-L6W	1562	200	144	1833	102,2
Z895 03/2B-L6W	1784	200	144	1903	119,4
Z895 03/1A-L6W	1804	200	144	1943	122,4
Z895 03-L6W	1894	200	144	2071	131,4
Z895 04/2B-L6W	2046	200	144	2071	140,6
Z895 04/2A-L6W	2174	200	144	2151	143,6
Z895 04-L6W	2174	200	144	2151	143,6
Z895 05/3A-L6W	2436	200	144	2301	168,9
Z895 05-L6W	2436	200	144	2301	168,9
Z895 06/3A-L8W	2472	203,3	192	2135	253,1
Z895 06-L8W	2472	203,3	192	2135	253,1

z8-z895-2p50_e_td

⁽¹⁾ Max electric pump diameter with 2 motor cables included.

In case of 1 motor cable C = 198 mm with L6W motor.

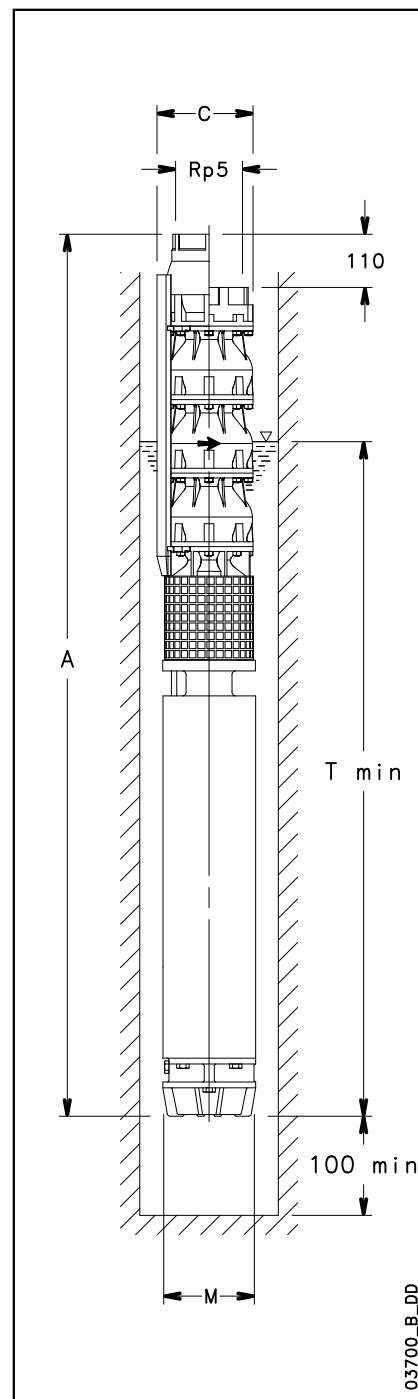
C = 201,5 mm with L8W motor.

⁽²⁾ Tmin valid only for max flow speed of 4,2 m/s.

For higher speeds please contact our sales network.

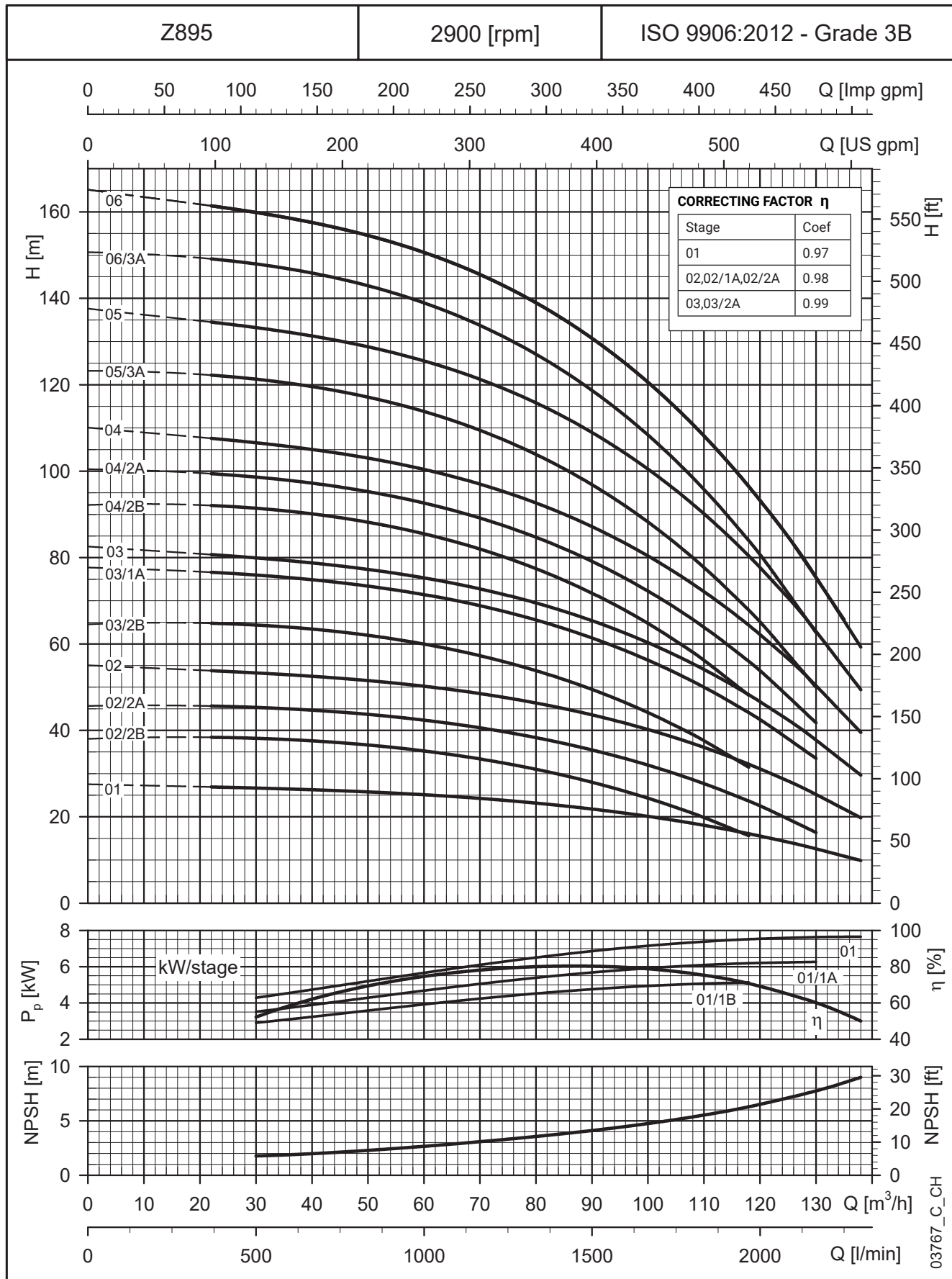
⁽³⁾ Without cables.

⁽⁴⁾ For pumps without non-return valve, reduce dimension A by 110 mm and reduce weight by 4 kg.



Q3700_B_DD

Z895: 1 TO 6 STAGES OPERATING CHARACTERISTICS



The flow resistance of the ΔH_v non-return valve has been considered.
 $\Delta H_v = 0,0000533 \cdot Q^2$ Flow resistance = 0,35 / 0,75 / 1,35 m at 80 / 120 / 160 m³/h
 These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

Z895: 7 TO 18 STAGES OPERATING CHARACTERISTICS

PUMP TYPE	MOTOR POWER kW	Q = DELIVERY						
		l/min 0	366,7	875,0	1383,3	1883,3	2166,7	2300,0
		m ³ /h 0	22	52,5	83	113	130	138
H = TOTAL HEAD METRES COLUMN OF WATER								
Z895 07/3A	52	178,1	176,0	167,6	147,5	108,9	75,2	
Z895 07	52	192,7	188,3	179,3	159,5	121,3	88,2	69,2
Z895 08/3A	55	205,6	202,9	193,3	170,4	126,3	87,9	
Z895 08	60	220,2	215,2	204,9	182,3	138,7	100,8	79,0
Z895 09/3A	67	233,1	229,8	218,9	193,2	143,6	100,5	
Z895 09	67	247,7	242,1	230,5	205,1	156,0	113,4	88,9
Z895 10/3A	75	260,6	256,7	244,5	216,0	161,0	113,2	
Z895 10	75	275,2	269,0	256,1	227,9	173,3	126,0	98,8
Z895 11	83	302,8	295,9	281,7	250,6	190,7	138,6	108,7
Z895 12	93	330,3	322,8	307,3	273,4	208,0	151,2	118,6
Z895 13	110	357,8	349,7	332,9	296,2	225,3	163,8	128,4
Z895 14	110	385,3	376,6	358,6	319,0	242,7	176,4	138,3
Z895 15	130	412,9	403,5	384,2	341,8	260,0	189,0	148,2
Z895 16	130	440,4	430,4	409,8	364,6	277,3	201,6	158,1
Z895 17	130	467,9	457,3	435,4	387,4	294,7	214,2	167,9
Z895 18	150	495,4	484,2	461,0	410,1	312,0	226,8	177,8

Pump performance at 2900 rpm

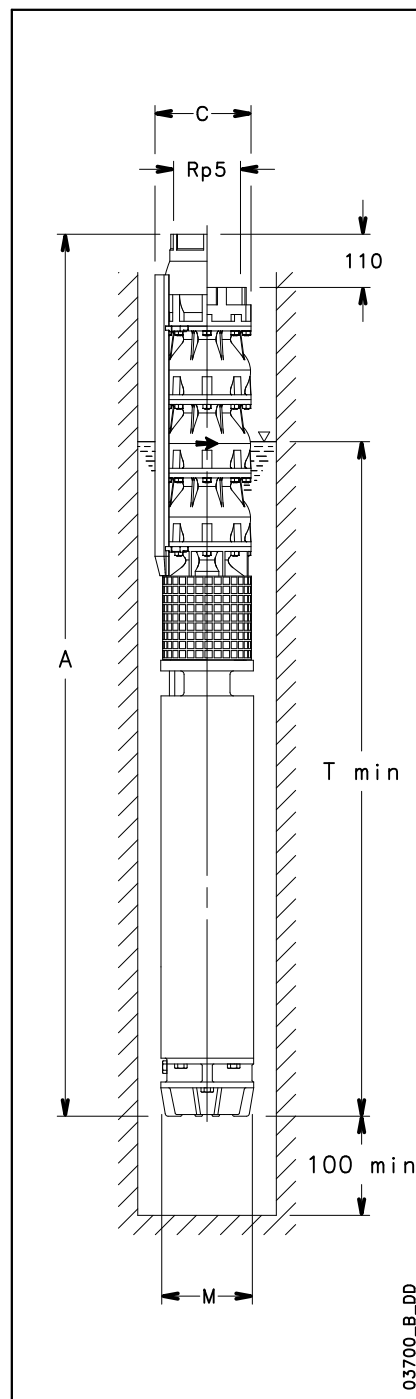
z895a-2p50-en_d_th

DIMENSIONS AND WEIGHTS

ELECTRO PUMP TYPE	DIMENSIONS (mm)				ELECTRO PUMP TYPE kg ⁽³⁾
	A ⁽⁴⁾	C ⁽¹⁾	M	Tmin ⁽²⁾	
Z895 07/3A-L8W	2704	203,3	192	2215	281,7
Z895 07-L8W	2704	203,3	192	2215	281,7
Z895 08/3A-L8W	2886	203,3	192	2245	296,9
Z895 08-L8W	2936	203,3	192	2295	307,9
Z895 09/3A-L8W	3168	203,3	192	2375	335,1
Z895 09-L8W	3168	203,3	192	2375	335,1
Z895 10/3A-L8W	3400	203,3	192	2455	361,4
Z895 10-L8W	3400	203,3	192	2455	361,4
Z895 11-L8W	3642	203,3	192	2545	383,6
Z895 12-L8W	3904	203,3	192	2655	417,8
Z895 13-L10W	4124	236	236	2702	538
Z895 14-L10W	4276	236	236	2702	547,3
Z895 15-L10W	4578	236	236	2852	603,5
Z895 16-L10W	4730	236	236	2852	612,7
Z895 17-L10W	4882	236	236	2852	622
Z895 18-L10W	5164	236	236	2982	670,2

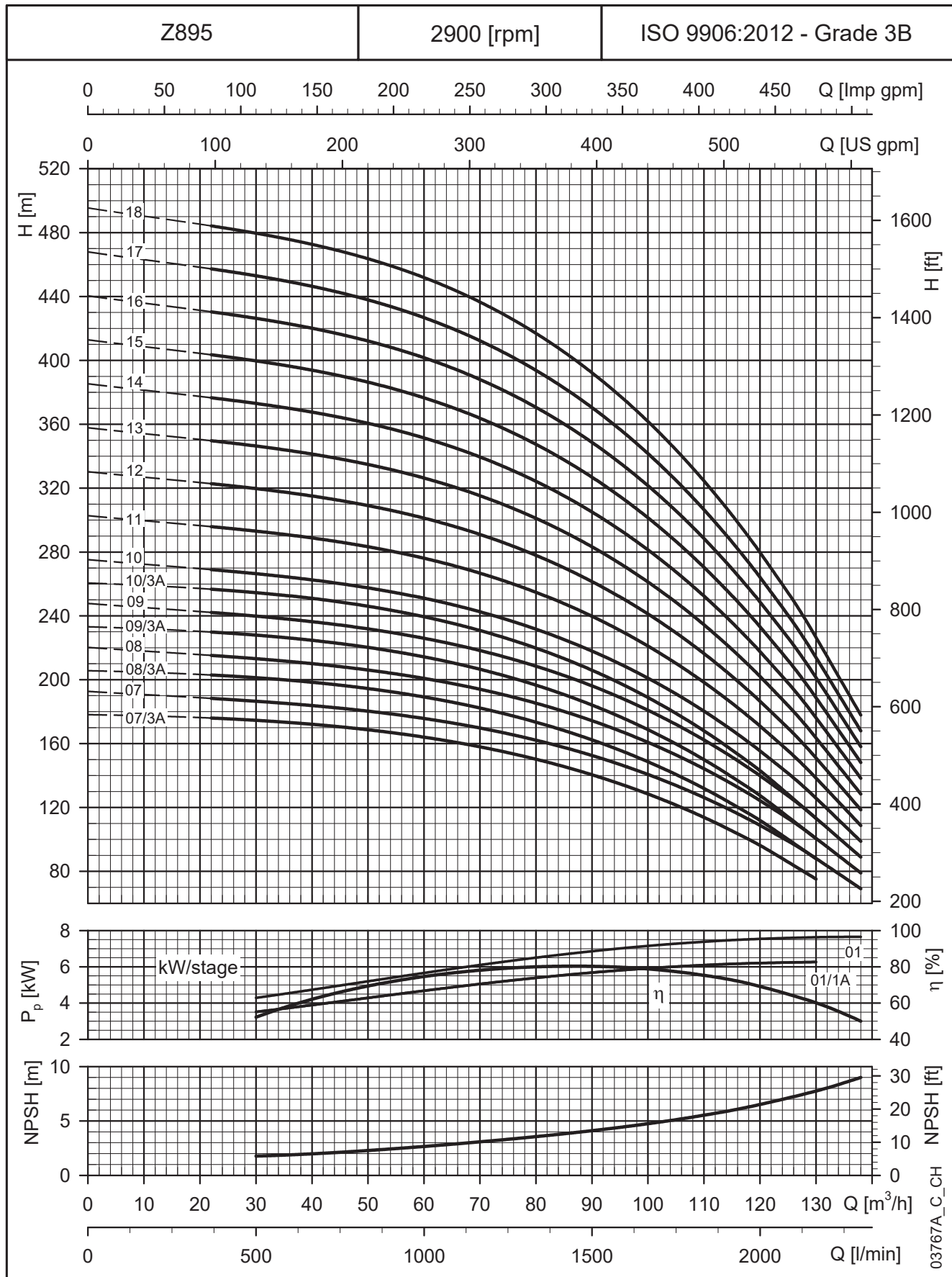
z895a-2p50-en_d_td

- ⁽¹⁾ Max electric pump diameter with 2 motor cables included.
In case of 1 motor cable C = 201,5 mm with L8W motor.
C = 236 mm with L10W motor.
- ⁽²⁾ Tmin valid only for max flow speed of 4,2 m/s.
For higher speeds please contact our sales network.
- ⁽³⁾ Without cables.
- ⁽⁴⁾ For pumps without non-return valve, reduce dimension A by 110 mm and reduce weight by 4 kg.



Q3700_B_DD

Z895: 7 TO 18 STAGES OPERATING CHARACTERISTICS



The flow resistance of the ΔHv non-return valve has been considered.
 $\Delta H_v = 0,0000533 \cdot Q^2$ Flow resistance = 0,2 / 0,45 / 0,75 m at 60 / 90 / 120 m³/h
 These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

Z8125: 1 TO 6 STAGES OPERATING CHARACTERISTICS

PUMP TYPE	MOTOR POWER kW	Q = DELIVERY						
		l/min 0	500	1116,7	1733,3	2366,7	2600	3000
		m ³ /h 0	30	67	104	142	156	180
H = TOTAL HEAD METRES COLUMN OF WATER								
Z8125 01	7,5	26,9	24,6	22,0	19,3	15,1	12,6	6,3
Z8125 02/2B	11	41,3	39,1	33,5	27,1	16,6	10,0	
Z8125 02/2A	13	46,9	43,8	38,3	32,3	22,8	17,0	
Z8125 02	15	53,8	49,3	44,0	38,6	30,1	25,1	12,6
Z8125 03/3A	18,5	70,3	65,6	57,4	48,5	34,2	25,6	
Z8125 03	22	80,8	73,9	65,9	57,9	45,2	37,7	19,0
Z8125 04/2B	26	94,7	88,3	77,4	65,6	46,6	35,3	
Z8125 04/2A	30	100,6	93,1	82,3	70,9	52,9	42,2	
Z8125 04	30	107,7	98,6	87,9	77,2	60,3	50,3	25,3
Z8125 05/3A	37	124,0	114,9	101,4	87,1	64,3	50,8	
Z8125 05	37	134,6	123,2	109,9	96,6	75,3	62,9	31,6
Z8125 06/3A	45	150,8	139,6	123,4	106,4	79,4	63,3	
Z8125 06	45	161,5	147,9	131,9	115,9	90,4	75,4	37,9

Pump performance at 2900 rpm

z8125-2p50-en_c_th

DIMENSIONS AND WEIGHTS

ELECTRO PUMP TYPE	DIMENSIONS (mm)				ELECTRO PUMP WEIGHT kg ⁽³⁾
	A ⁽⁴⁾	C ⁽¹⁾	M	Tmin ⁽²⁾	
Z8125 01-L6W	1230	200	144	1653	72,9
Z8125 02/2B-L6W	1452	200	144	1723	90,2
Z8125 02/2A-L6W	1492	200	144	1763	94,2
Z8125 02-L6W	1562	200	144	1833	102,2
Z8125 03/3A-L6W	1784	200	144	1903	119,4
Z8125 03-L6W	1804	200	144	1943	122,4
Z8125 04/2B-L6W	2046	200	144	2071	140,6
Z8125 04/2A-L6W	2046	200	144	2151	143,6
Z8125 04-L6W	2174	200	144	2151	143,6
Z8125 05/3A-L6W	2436	200	144	2301	168,9
Z8125 05-L6W	2436	200	144	2301	168,9
Z8125 06/3A-L8W	2472	203,3	192	2135	253,1
Z8125 06-L8W	2472	203,3	192	2135	253,1

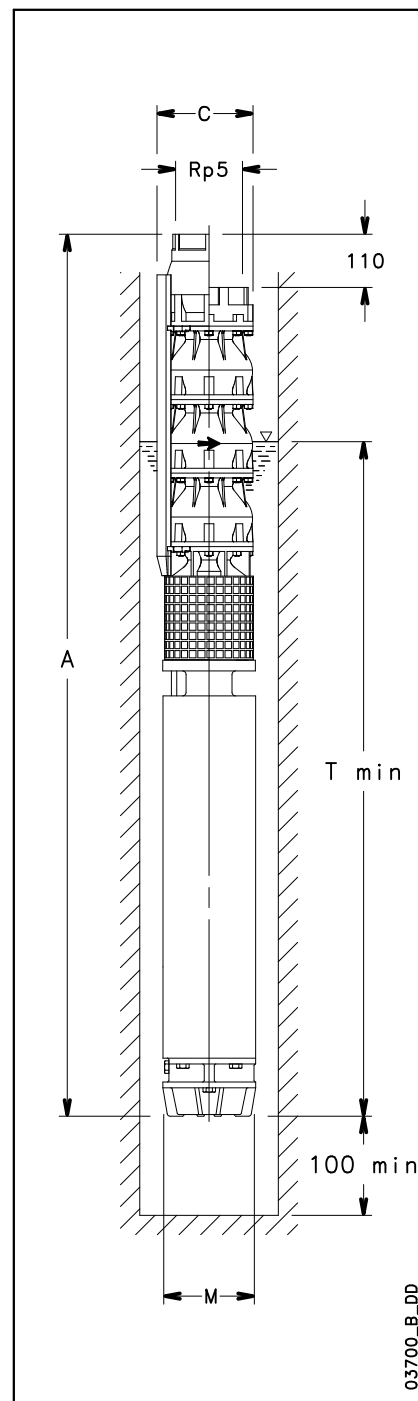
z8-z8125-2p50-en_e_td

- ⁽¹⁾ Max electric pump diameter with 2 motor cables included.
In case of 1 motor cable C = 201,5 mm with L8W motor.
C = 236 mm with L10W motor.

- ⁽²⁾ Tmin valid only for max flow speed of 4,2 m/s.
For higher speeds please contact our sales network.

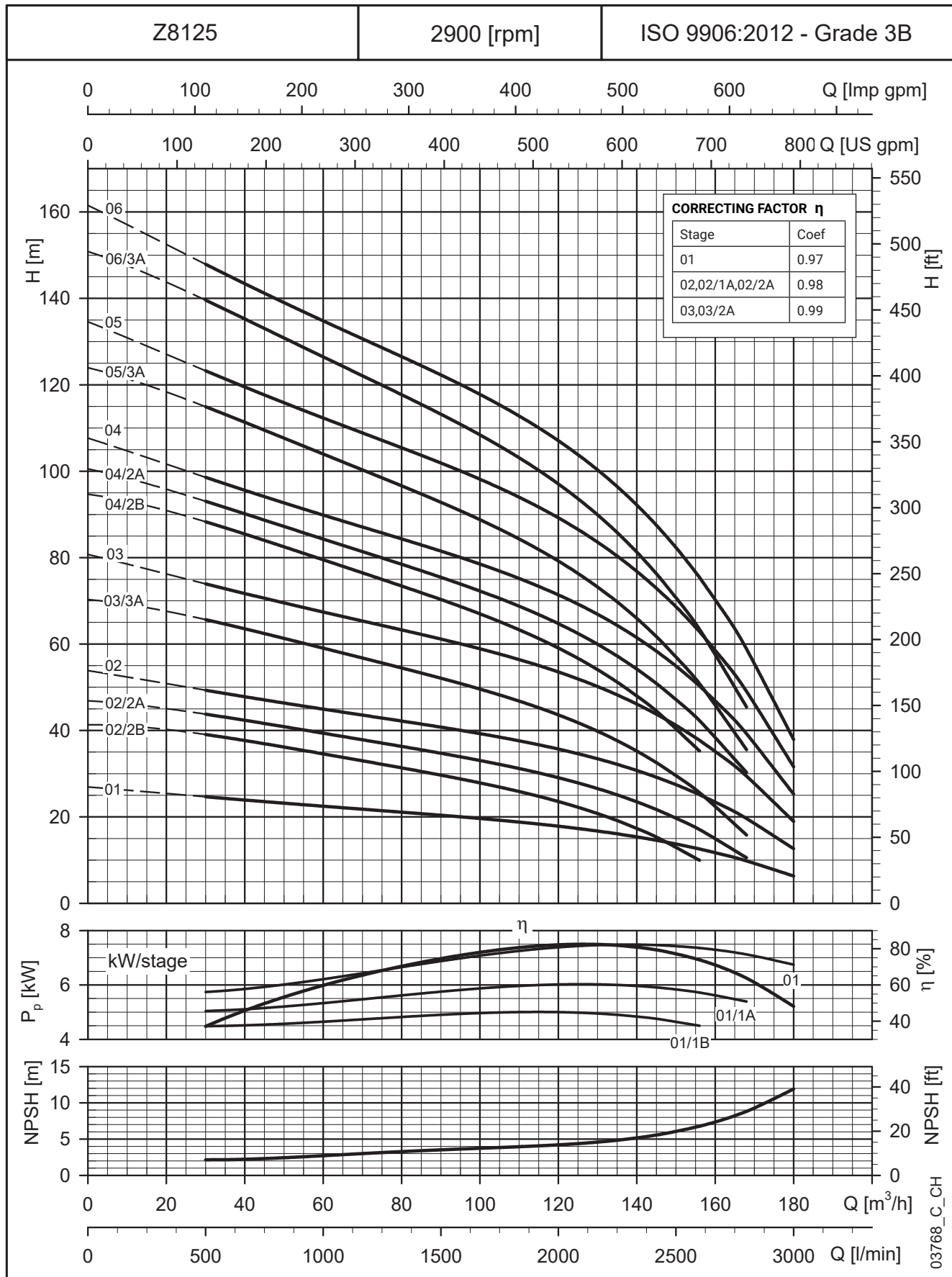
- ⁽³⁾ Without cables.

- ⁽⁴⁾ For pumps without non-return valve, reduce dimension A by 110 mm and reduce weight by 4 kg.



Q3700_B_DD

Z8125: 1 TO 6 STAGES OPERATING CHARACTERISTICS



The flow resistance of the ΔHv non-return valve has been considered.
 $\Delta H_v = 0,0000533 \cdot Q^2$ Flow resistance = 0,35 / 0,75 / 1,35 m at 80 / 120 / 160 m³/h
 These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

Z8125: 7 TO 18 STAGES OPERATING CHARACTERISTICS

PUMP TYPE	MOTOR POWER kW	Q = DELIVERY						
		l/min 0	500,0	1166,7	1816,7	2483,3	2800,0	3000,0
		m³/h 0	30	70	109	149	168	180
H = TOTAL HEAD METRES COLUMN OF WATER								
Z8125 07/3A	52	177,7	164,2	143,9	122,6	85,8	55,2	
Z8125 07	52	188,4	172,5	152,4	132,2	97,3	68,7	44,2
Z8125 08/3A	55	204,7	189,0	165,7	141,5	99,9	65,2	
Z8125 08	60	215,3	197,2	174,2	151,1	111,2	78,5	50,5
Z8125 09/3A	67	231,5	213,5	187,4	160,3	113,6	74,9	
Z8125 09	67	242,3	221,8	196,0	170,0	125,2	88,3	56,9
Z8125 10/3A	75	258,4	238,2	209,2	179,2	127,6	84,7	
Z8125 10	75	269,2	246,5	217,8	188,9	139,1	98,1	63,2
Z8125 11	83	296,1	271,1	239,5	207,8	153,0	107,9	69,5
Z8125 12	93	323,0	295,8	261,3	226,7	166,9	117,7	75,8
Z8125 13	93	349,9	320,4	283,1	245,6	180,8	127,5	82,1
Z8125 14	110	376,9	345,1	304,9	264,4	194,7	137,3	88,4
Z8125 15	110	403,8	369,7	326,6	283,3	208,6	147,1	94,8
Z8125 16	130	430,7	394,4	348,4	302,2	222,5	156,9	101,1
Z8125 17	130	457,6	419,0	370,2	321,1	236,4	166,8	107,4
Z8125 18	150	484,5	443,7	392,0	340,0	250,3	176,6	113,7

Pump performance at 2900 rpm

z8125a-2p50-en_c_th

DIMENSIONS AND WEIGHTS

ELECTRO PUMP TYPE	DIMENSIONS (mm)				ELECTRO PUMP WEIGHT kg ⁽³⁾
	A ⁽⁴⁾	C ⁽¹⁾	M	Tmin ⁽²⁾	
Z8125 07/3A-L8W	2704	203,3	192	2215	281,7
Z8125 07-L8W	2704	203,3	192	2215	81,72
Z8125 08/3A-L8W	2886	203,3	192	2245	296,9
Z8125 08-L8W	2936	203,3	192	2295	307,9
Z8125 09/3A-L8W	3188	203,3	192	2375	335,1
Z8125 09-L8W	3188	203,3	192	2375	335,1
Z8125 10/3A-L8W	3400	203,3	192	2455	361,4
Z8125 10-L8W	3400	203,3	192	2455	361,4
Z8125 11-L8W	3662	203,3	192	2545	383,6
Z8125 12-L8W	3934	203,3	192	2685	417,8
Z8125 13-L8W	4056	203,3	192	2655	427
Z8125 14-L10W	4276	236	236	2702	547,3
Z8125 15-L10W	4428	236	236	2702	556,5
Z8125 16-L10W	4730	236	236	2852	612,7
Z8125 17-L10W	4882	236	236	2852	622
Z8125 18-L10W	5164	236	236	2982	670,2

z8125a-2p50-en_c_td

⁽¹⁾ Max electric pump diameter with 2 motor cables included.

In case of 1 motor cable C = 201,5 mm with L8W motor.

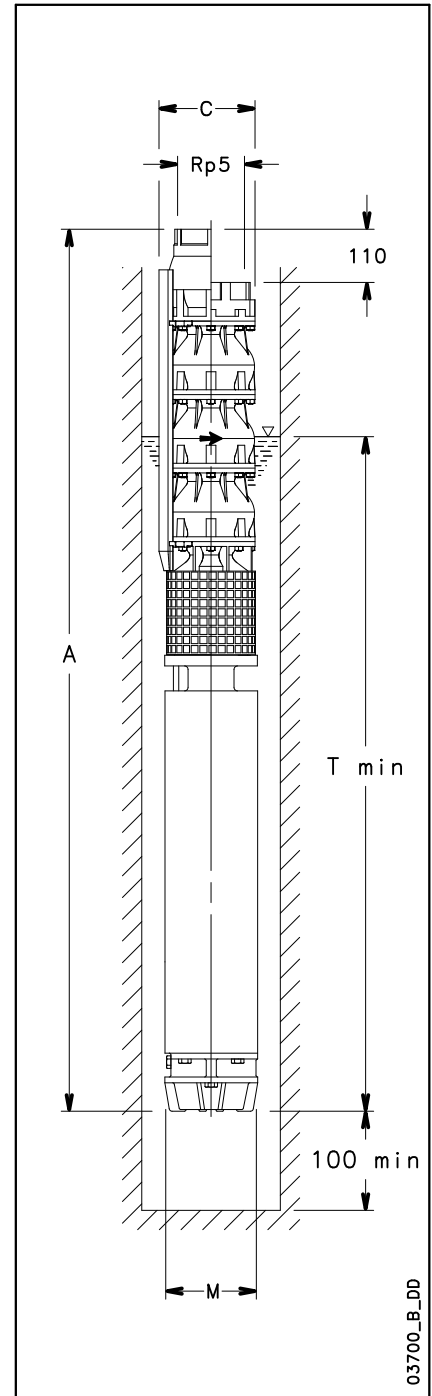
C = 236 mm with L10W motor.

⁽²⁾ Tmin valid only for max flow speed of 4,2 m/s.

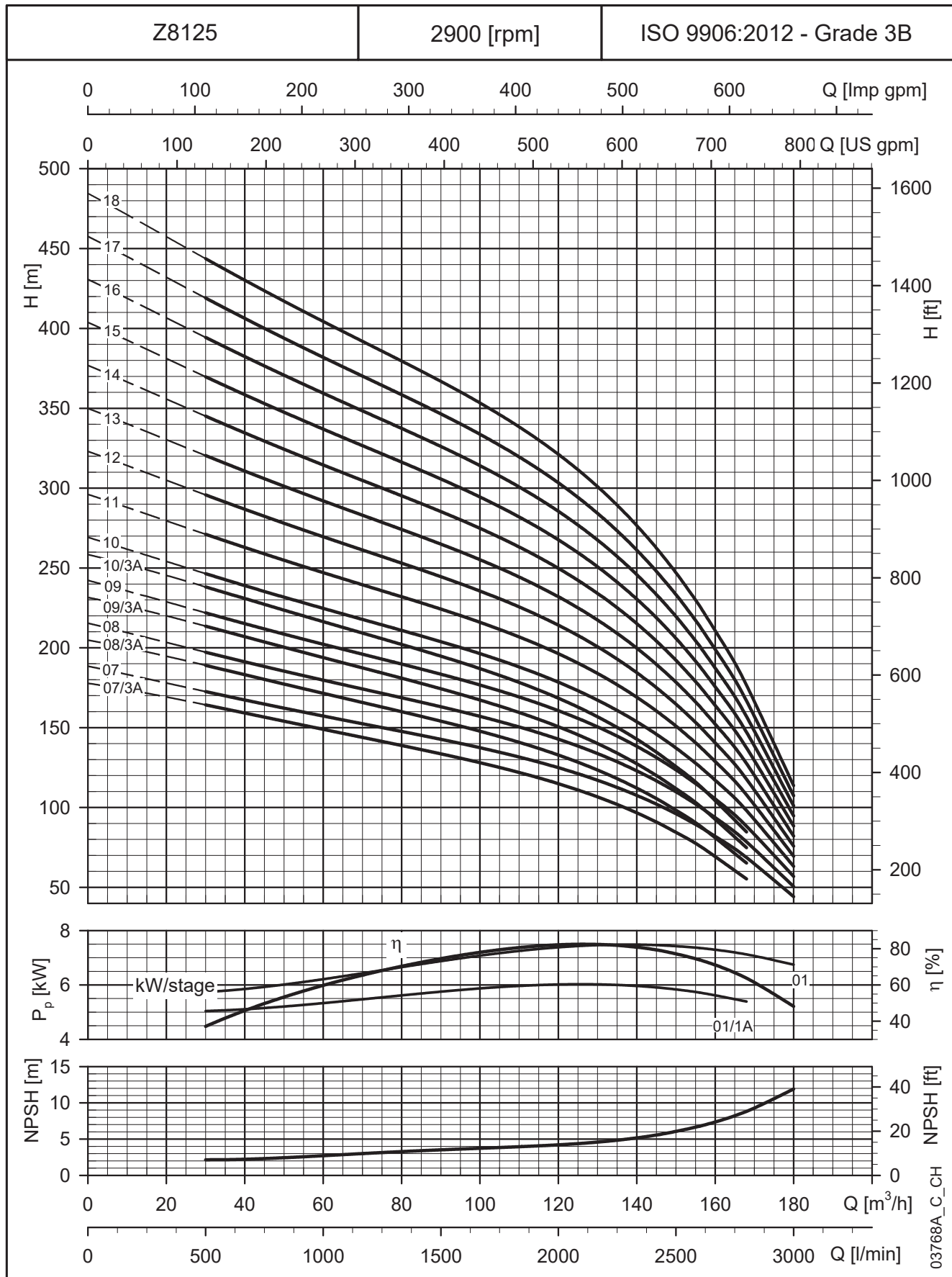
For higher speeds please contact our sales network.

⁽³⁾ Without cables.

⁽⁴⁾ For pumps without non-return valve, reduce dimension A by 110 mm and reduce weight by 4 kg.



Z8125: 7 TO 18 STAGES OPERATING CHARACTERISTICS



The flow resistance of the ΔHv non-return valve has been considered.
 $\Delta H_v = 0,0000533 \cdot Q^2$ Flow resistance = 0,35 / 0,75 / 1,35 m at 80 / 120 / 160 m³/h
 These performances are valid for liquids with density $\rho = 1.0 \text{ kg/dm}^3$ and kinematic viscosity $\nu = 1 \text{ mm}^2/\text{sec}$.

Z855

PUMP DIMENSIONS AND WEIGHTS

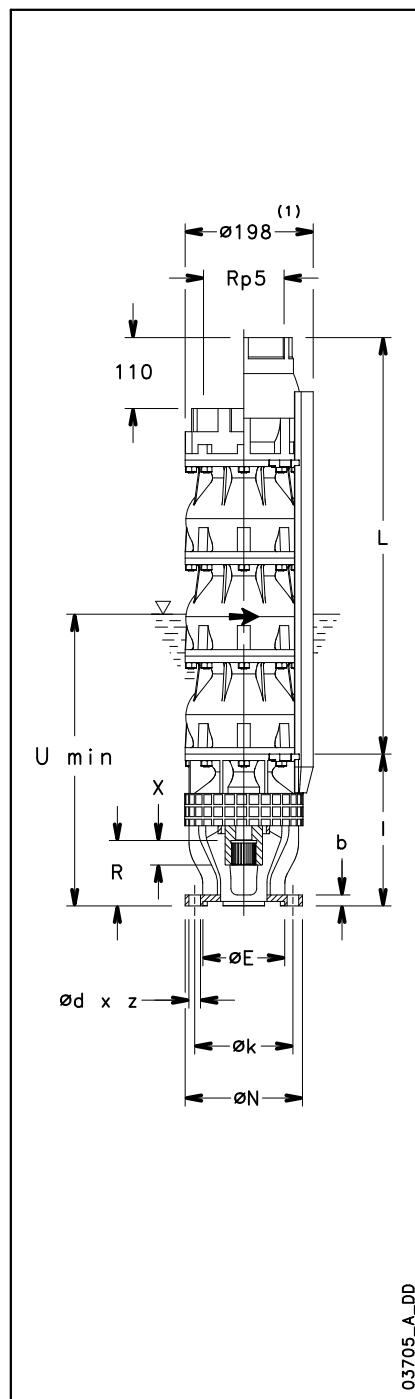
PUMP TYPE	MAX POWER ABSORBED BY PUMP at 2900 min ⁻¹ kW	DIMENSIONS (mm)			WEIGHT kg ⁽³⁾
		L ⁽³⁾	I	Umin ⁽²⁾	
Z855 01-6	4,6	325	235	1000	26,6
Z855 02/2A-6	6,4	460	235	1000	35,2
Z855 02/1A-6	7,7	460	235	1000	35,2
Z855 02-6	9,0	460	235	1000	35,2
Z855 03/2A-6	10,8	595	235	1000	43,9
Z855 03-6	13,3	595	235	1000	43,9
Z855 04/2A-6	15,1	730	235	1000	52,5
Z855 04-6	17,6	730	235	1000	52,5
Z855 05/3A-6	18,3	865	235	1000	61,2
Z855 05/2A-6	20,8	865	235	1000	61,2
Z855 05-6	22,0	865	235	1000	61,2
Z855 06/2A-6	23,9	1000	235	1000	69,8
Z855 06-6	26,4	1000	235	1000	69,8
Z855 07/2A-6	28,3	1135	235	1000	78,5
Z855 07-6	30,8	1135	235	1000	78,5
Z855 08/2A-6	32,7	1270	235	1000	87,1
Z855 08-6	35,2	1270	235	1000	87,1
Z855 09/2A-6	37,1	1405	235	1000	95,8
Z855 09-8	39,6	1405	235	1000	95,1
Z855 10/2A-8	41,5	1540	235	1000	103,8
Z855 10-8	44,0	1540	235	1000	103,8
Z855 11/2A-8	45,9	1675	235	1000	112,4
Z855 11-8	48,4	1675	235	1000	112,4
Z855 12-8	52,8	1810	235	1000	121,1
Z855 13-8	57,2	1945	235	1000	129,7
Z855 14-8	61,6	2080	235	1000	138,4
Z855 15-8	66,0	2215	235	1000	147
Z855 16-8	70,4	2350	235	1000	155,7
Z855 17-8	74,8	2485	235	1000	164,3
Z855 18-8	79,2	2620	235	1000	173
Z855 19-8	83,6	2755	235	1000	181,6

z855p-2p50-en_a_td

⁽²⁾ U min valid only for max flow speed of 4,2 m/s.

For higher speeds please contact our sales network.

⁽³⁾ For pumps without non-return valve, reduce dimension L by 110 mm and reduce weight by 4 kg.



⁽¹⁾ Max pump diameter with 1 motor cable included

MOTOR COUPLING

MOTOR	DIMENSIONS (mm)							
	N	k	d	z	b	E ^{H7}	R	X
6" (NEMA)	182	111	13,5	4	17	76,16	73	24
8" (NEMA)	182	152,4	18	4	17	127	101,3	40
6" and 8" coupling according to NEMA standards								

z8-mtcn-2p50-en_a_td

Z875 PUMP DIMENSIONS AND WEIGHTS

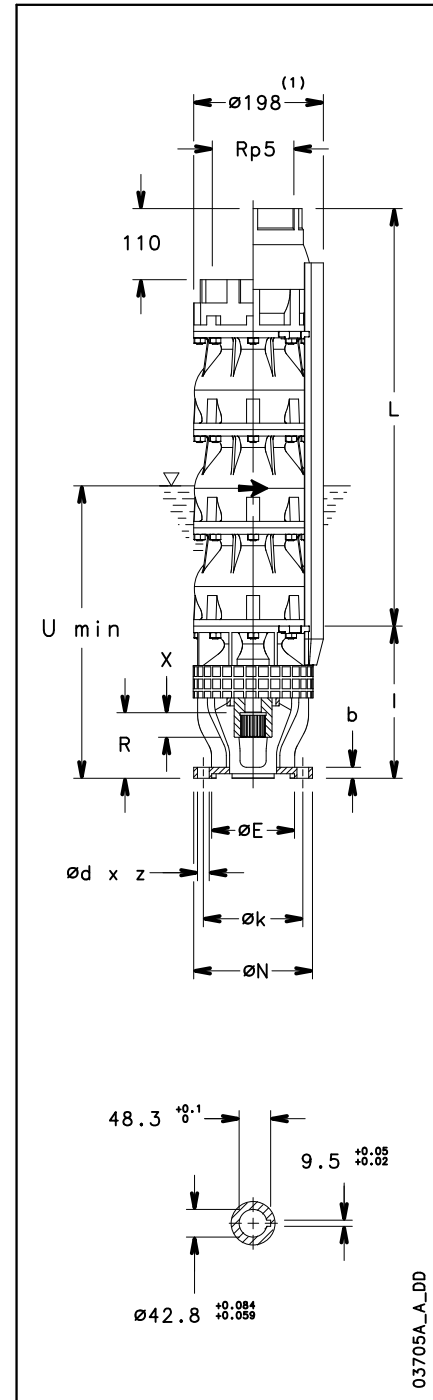
PUMP TYPE	MAX POWER ABSORBED BY PUMP a 2900 min ⁻¹	DIMENSIONS (mm)			WEIGHT kg ⁽³⁾
	kW	L ⁽³⁾	I	Umin ⁽²⁾	
Z875 01-6	5,6	342	235	1000	26,9
Z875 02/2A-6	7,4	494	235	1000	36,2
Z875 02/1A-6	9,2	494	235	1000	36,2
Z875 02-6	11,1	494	235	1000	36,2
Z875 03/3A-6	11,1	646	235	1000	45,4
Z875 03/2A-6	12,9	646	235	1000	45,4
Z875 03/1A-6	14,7	646	235	1000	45,4
Z875 03-6	16,7	646	235	1000	45,4
Z875 04/2A-6	18,3	798	235	1000	54,6
Z875 04-6	22,3	798	235	1000	54,6
Z875 05/2A-6	23,8	950	235	1000	63,9
Z875 05-6	27,9	950	235	1000	63,9
Z875 06/2A-6	29,3	1102	235	1000	73,1
Z875 06/1A-6	31,3	1102	235	1000	73,1
Z875 06-6	33,3	1102	235	1000	73,1
Z875 07/2A-6	34,8	1254	235	1000	82,3
Z875 07-8	39,0	1254	235	1000	82,3
Z875 08/2A-8	40,4	1406	235	1000	90,9
Z875 08-8	44,6	1406	235	1000	90,9
Z875 09/2A-8	45,9	1558	235	1000	100,1
Z875 09/1A-8	47,9	1558	235	1000	100,1
Z875 9-8	50,1	1558	235	1000	100,1
Z875 10/2A-8	51,5	1710	235	1000	109,4
Z875 10-8	55,7	1710	235	1000	109,4
Z875 11/2A-8	57,0	1862	235	1000	118,6
Z875 11-8	61,3	1862	235	1000	118,6
Z875 12-8	66,8	2014	235	1000	127,8
Z875 13-8	72,4	2166	235	1000	137
Z875 14-8	78,0	2318	235	1000	146,3
Z875 15-8	83,6	2470	235	1000	155,5
Z875 16-8	89,1	2622	235	1000	164,7
Z875 17-8	94,7	2774	235	1000	174
Z875 18-10	100,3	2926	256	1000	183,2

z875p-2p50-en_c_td

(1) Max pump diameter with 1 motor cable included.

(2) U min valid only for max flow speed of 4,2 m/s.
For higher speeds please contact our sales network.

(3) For pumps without non-return valve, reduce dimension L by 110 mm and reduce weight by 4 kg.



(1) Max pump diameter with
1 motor cable included

MOTOR COUPLING

MOTOR	DIMENSIONS (mm)							
	N	k	d	z	b	E ^{H7}	R	X
6" (NEMA)	182	111	13,5	4	17	76,16	73	24
8" (NEMA)	182	152,4	18	4	17	127	101,3	40
10"	232	190,5	M16	4	21	127	101,3	84

6" and 8" coupling according to NEMA standards

z8a-mtcn-2p50-en_a_td

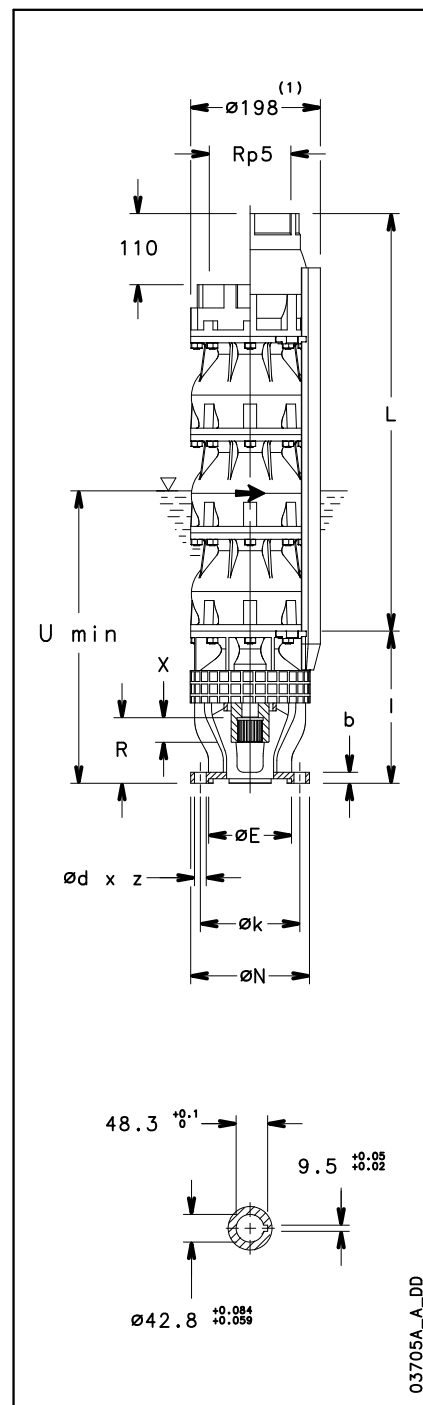
Z895

PUMP DIMENSIONS AND WEIGHTS

PUMP TYPE	MAX POWER ABSORBED BY PUMP at 2900 min ⁻¹ kW	DIMENSIONS (mm)			WEIGHT kg ⁽³⁾
		L ⁽³⁾	I	Umin ⁽²⁾	
Z895 01-6	7,7	342	235	1000	26,9
Z895 02/2B-6	10,0	494	235	1000	36,2
Z895 02/2A-6	12,8	494	235	1000	36,2
Z895 02-6	15,2	494	235	1000	36,2
Z895 03/2B-6	17,4	646	235	1000	45,4
Z895 03/1A-6	21,4	646	235	1000	45,4
Z895 03-6	22,5	646	235	1000	45,4
Z895 04/2B-6	24,6	798	235	1000	54,6
Z895 04/2A-6	27,4	798	235	1000	54,6
Z895 04-6	29,8	798	235	1000	54,6
Z895 05/3A-6	33,7	950	235	1000	63,9
Z895 05-6	37,2	950	235	1000	63,9
Z895 06/3A-8	41,1	1102	235	1000	73,1
Z895 06-8	44,6	1102	235	1000	73,1
Z895 07/3A-8	48,6	1254	235	1000	81,7
Z895 07-8	52,1	1254	235	1000	81,7
Z895 08/3A-8	56,0	1406	235	1000	90,9
Z895 08-8	59,5	1406	235	1000	90,9
Z895 09/3A-8	63,5	1558	235	1000	100,1
Z895 09-8	67,0	1558	235	1000	100,1
Z895 10/3A-8	70,9	1710	235	1000	109,4
Z895 10-8	74,4	1710	235	1000	109,4
Z895 11-8	81,8	1862	235	1000	118,6
Z895 12-8	89,3	2014	235	1000	127,8
Z895 1310	96,7	2166	256	1000	137
Z895 14-10	104,2	2318	256	1000	146,3
Z895 15-10	111,6	2470	256	1000	155,5
Z895 16-10	119,0	2622	256	1000	164,7
Z895 17-10	126,5	2774	256	1000	174
Z895 18-10	133,9	2926	256	1000	183,2

z895p-2p50-en_b_td

- ⁽²⁾ U min valid only for max flow speed of 4,2 m/s.
For higher speeds please contact our sales network.
- ⁽³⁾ For pumps without non-return valve, reduce dimension L by 110 mm and reduce weight by 4 kg.



⁽¹⁾ Max pump diameter with 1 motor cable included

MOTOR COUPLING

MOTOR	DIMENSIONS (mm)							
	N	k	d	z	b	E ^{H7}	R	X
6" (NEMA)	182	111	13,5	4	17	76,16	73	24
8" (NEMA)	182	152,4	18	4	17	127	101,3	40
10"	232	190,5	M16	4	21	127	101,3	84

6" and 8" coupling according to NEMA standards

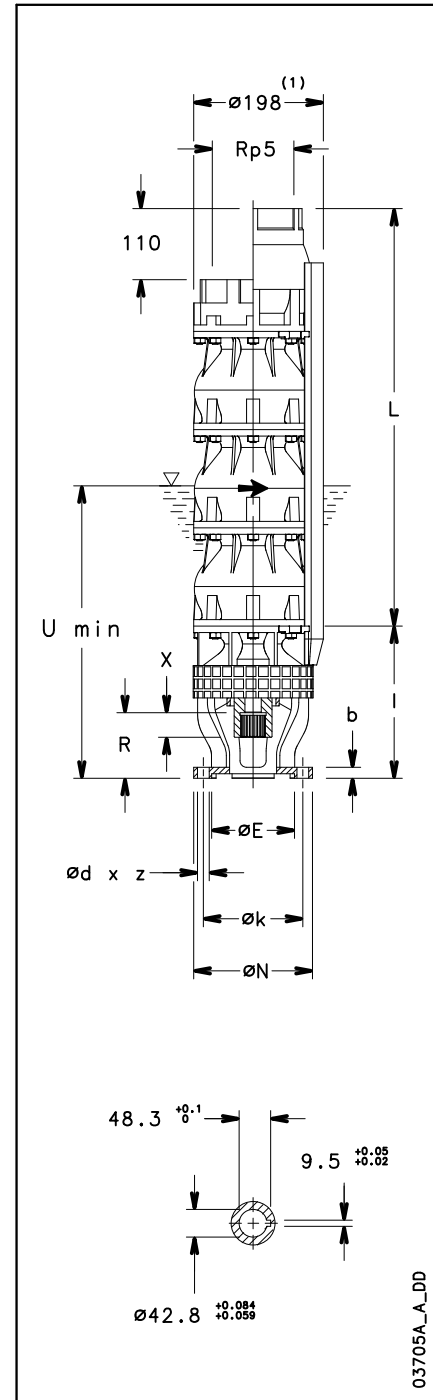
z8a-mtcn-2p50-en_a_td

Z8125 PUMP DIMENSIONS AND WEIGHTS

PUMP TYPE	MAX POWER ABSORBED BY PUMP at 2900 min ⁻¹ kW	DIMENSIONS (mm)			WEIGHT kg ⁽³⁾
		L ⁽³⁾	I	Umin ⁽²⁾	
Z8125 01-6	7,5	342	235	1000	26,9
Z8125 02/2B-6	10,0	494	235	1000	36,2
Z8125 02/2A-6	12,2	494	235	1000	36,2
Z8125 02-6	14,8	494	235	1000	36,2
Z8125 03/3A-6	18,1	646	235	1000	45,4
Z8125 03-6	22,0	646	235	1000	45,4
Z8125 04/2B-6	24,3	798	235	1000	54,6
Z8125 04/2A-6	26,5	798	235	1000	54,6
Z8125 04-6	29,0	798	235	1000	54,6
Z8125 05/3A-6	32,5	950	235	1000	63,9
Z8125 05-6	36,3	950	235	1000	63,9
Z8125 06/3A-8	39,7	1102	235	1000	73,1
Z8125 06-8	43,5	1102	235	1000	73,1
Z8125 07/3A-8	47,0	1254	235	1000	81,7
Z8125 07-8	50,8	1254	235	1000	81,7
Z8125 08/3A-8	54,2	1406	235	1000	90,9
Z8125 08-8	58,0	1406	235	1000	90,9
Z8125 09/3A-8	61,5	1558	235	1000	100,1
Z8125 09-8	65,3	1558	235	1000	100,1
Z8125 10/3A-8	68,7	1710	235	1000	109,4
Z8125 10-8	72,5	1710	235	1000	109,4
Z8125 11-8	79,8	1862	235	1000	118,6
Z8125 12-8	87,0	2014	235	1000	127,8
Z8125 13-8	94,3	2166	235	1000	137
Z8125 14-10	101,5	2318	256	1000	146,3
Z8125 15-10	108,8	2470	256	1000	155,5
Z8125 16-10	116,0	2622	256	1000	164,7
Z8125 17-10	123,3	2774	256	1000	174
Z8125 18-10	130,5	2926	256	1000	183,2

z8125p-2p50-en_c_td

- ⁽²⁾ U min valid only for max flow speed of 4,2 m/s.
For higher speeds please contact our sales network.
- ⁽³⁾ For pumps without non-return valve, reduce dimension L by 110 mm and reduce weight by 4 kg.



⁽¹⁾ Max pump diameter with 1 motor cable included

MOTOR COUPLING

MOTOR	DIMENSIONS (mm)							
	N	k	d	z	b	E ^{H7}	R	X
6" (NEMA)	182	111	13,5	4	17	76,16	73	24
8" (NEMA)	182	152,4	18	4	17	127	101,3	40
10"	232	190,5	M16	4	21	127	101,3	84

6" and 8" coupling according to NEMA standards

z8a-mtcn-2p50-en_a_td