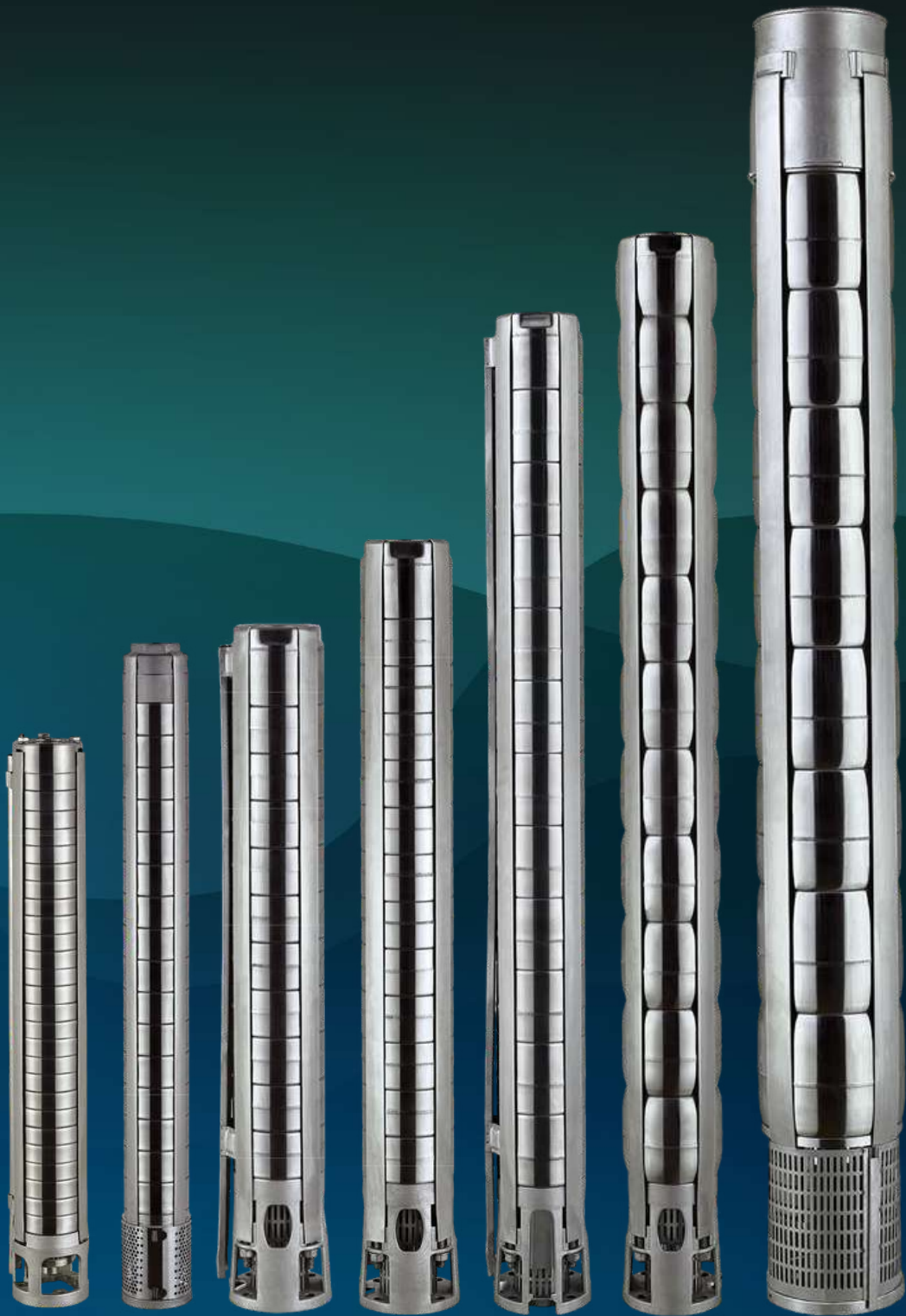




50 Hz Stainless Steel Submersible Pumps

AMUR
PUMPS • MOTORS • PIPES

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Wide Range of Pumps

AMUR AM series consist of 4", 6", 8" & 10" Stainless Steel Submersible Pumps with a flow range upto 280m³/hr which are made of high quality 304 or 316 corrosion resistant stainless steel. The pumps are designed in accordance with the state-of-the art technology for efficient and dependable performance and for a long and trouble-free life. The pumps are light in weight and ruggedly constructed for heavy duty applications.

High Pump Efficiency

Often the pump efficiency is a neglected factor compared to the price. However, the user will notice that the price variations are without the importance of the water supply economics compared to the importance of pump and the motor efficiency. As the pump is made entirely of stainless steel, the surface in contact with the fluid (Impeller and Diffusers) have an extremely smooth surface (low friction co-efficient) which guarantee a high performance and low energy consumption.

Material and Pump Liquid

AMUR Submersible Pumps are a multi-stage centrifugal type. The Pumps are sturdy and light, easy to assemble and corrosion resistant in non-aggressive liquids. These pumps are available with fabricated diffusers and the impellers are made of AISI 304/316 whereas the shaft is made from stainless steel. The Guide Bearing and Wear Rings are made from special high Nitrile Rubber having special design enabling the sand particle. This ensures good wear resistance and reduced risk of corrosion when pumping ordinary water with minor Chloride content. For more aggressive liquids, AMUR offers a complete range (AM NE) in Stainless Steel 316.

Low Installation Cost

The benefit of Stainless Steel means low weight facilitating the handling of pumps which results in low equipment costs and a reduced installation and service time. In addition, the pump will appear as 'new' after a service due to the high wear-resistance of stainless steel.

Sales Support

An excellent product deserves an excellent after-sales support. All AMUR pump distributors An excellent product deserves an excellent after-sales support. All AMUR pump distributors have been carefully selected to make sure that the best after-sales service is made available to the customers under all circumstances at all times. From the installation of the AMUR to the customers under all circumstances at all times. From the installation of the AMUR pumps to easy availability of spare parts, to technical backup on various aspects of repairs, we offer support that is always up to the customers satisfaction.

Submersible Pumps | General Data / Model Identification

Example	AM	60	10	A	B	N
Type range (AM) _____						
Nominal flow rate in m ³ /hr _____						
Number of impellers _____						
First impeller with reduced diameter (A, B or C) _____						
Second impeller with reduced diameter (A, B or C) _____						
Material of Construction						
AISI 304 (DIN W.-Nr. 1.4301) (Standard Construction)						
N=AISI 316 (DIN W.-Nr. 1.4401) _____						

Operating Conditions

AMUR Motor	Installation	
	Flow Velocity Past Motor	Maximum Liquid Temperature
4"	0.20 m/s	40°C
6"	0.50 m/s	40°C
8"	0.50 m/s	40°C
10"	0.50 m/s	40°C

Pumps Liquid : Clean, Thin, Non-aggressive, Non-explosive, Not containing solid particles

Flow Range : 1 to 280 m³/hr

Head Range : Maximum 740 meter

Maximum sand content into the water : 50 g/m³

Curve Conditions

The conditions below apply to the curves shown on technical pages.

General

Curves tolerance according to ISO 9906 Annex A

The performance curves show pump performance at actual speed of standard motor range.

The speed of motor is approximately :

4" Motors : n = 2870 min⁻¹ 6" Motors : n = 2870 min⁻¹

8" Motors : n = 2900 min⁻¹ 10" Motors : n = 2900 min⁻¹

Test result with clean cold water, without gas content. The measurement were made with airless water at a temperature of 20° C

Head and Power values valid for liquid with density = 1kg/dm³ and Kinematic viscosity ν = max 1 mm²/s (1 cSt)

When pumping liquids with a density higher than that of water, motors with correspondingly higher outputs must be used.

The QH curves apply to a rated motor speed of 2900 min⁻¹

The performance curves are inclusive of possible losses such as non-return valve losses.

A safety margin of +2 feet is recommended for the NPSH value.

AM Curves

Q/H: The curve is inclusive of valve and inlet losses at the actual speed.

Operation without non-return valve will increase the actual head at nominal performance by 0.5 to 1 mtr.

NPSH : The curve is inclusive of suction interconnector and shows required inlet pressure.

Power curve : The power curve shows pump power input at the actual speed for one stage.

Efficiency curve : η % show pump stage efficiency.

Performance Range

Model	Borewell Size (Inch)	Discharge Range (m ³ /hr)	Head Range (meter)	Delivery Size (Inch) BSP
AM2	4"	0.40 - 2.70	532 - 10	1¼"
AM3	4"	0.80 - 4.30	408 - 10	1¼" / 1½"
AM5	4"	0.70 - 6.70	510 - 11	1½" / 2"
AM8	4"	3.00 - 11.40	380 - 11	2"
AM14	4"	4.00 - 18.0	164 - 12	2"
AM12	6"	4.00 - 18.0	448 - 4	2½"
AM14A	6"	10.0 - 18.0	405 - 6	2½"
AM17	6"	4.00 - 22.0	670 - 4	2½" / 3"
AM30	6"	8.00 - 39.0	554 - 5	3"
AM46	6"	10.0 - 60.0	488 - 4	3" / 4"
AM60	6"	20.0 - 78.0	302 - 4	3" / 4"
AM77	8"	20.0 - 100.0	395 - 4	5"
AM95	8"	20.0 - 124.0	407 - 7	5"
AM125	10"	40.0 - 162.0	488 - 5	6"
AM160	10"	40.0 - 217.0	157 - 4	6"
AM215	10"	40.0 - 280.0	192 - 3	6"

Applications

Irrigation System



Groundwater Supply



Pressure Boosting



Cooling Water Transport



Industrial Application



Raw Water Supply



Sprinkler Irrigation



Marine Application



Water Treatment



Submersible Motor 50 Hz / 60 Hz

Features

- High efficient electrical design and low operation cost.
- All Motors prefilled and 100% tested.
- Strong & robust construction to survive in any site condition.
- Sand slinger and Shaft seal for high performance in sand.
- A special Diaphragm ensures pressure compensation inside the motor.
- Water lubricated thrust and radial bearings enable a maintenance free operation.
- Cooling and lubrication by non toxic fluid.
- Cable material according to drinking water regulations.
- Motor manufactured in ISO 9001 certified manufacturing facility.
- Motor Mounting with NEMA Standard.
- Stainless steel Shaft.

Product Specification

Standard Rewindable Submersible Motors (Cast Iron & Stainless Steel 304)

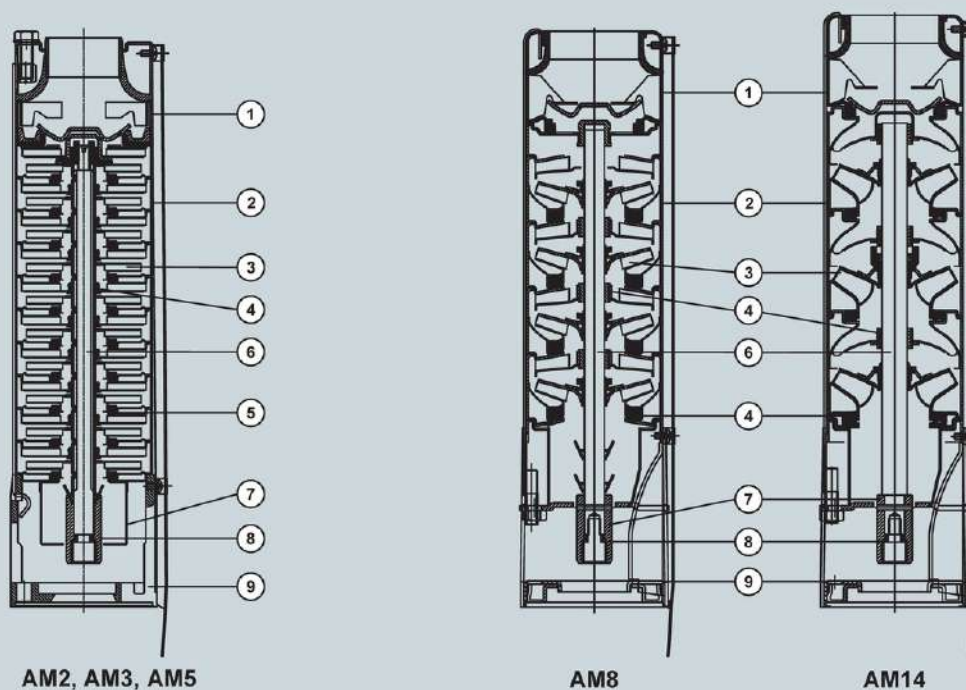
Particular		Motor Type		
		4"	6"	8" & 10"
Voltage	50 Hz	380/415	380/415	380/415
	60 Hz	220/380/460	220/380/460	220/380/460
Voltage Tolerance	50 Hz	+10% to -15%	+10% to -15%	+10% to -15%
	60 Hz	+10% to -15%	+10% to -15%	+10% to -15%
Phase		3	3	3
Insulation Class		Y class as per IS 1271	Y class as per IS 1271	Y class as per IS 1271
Degree of Protection		IP 68	IP 68	IP 68
Type of Duty		S1	S1	S1
Electrical Winding		Wet type Rewindable	Wet type Rewindable	Wet type Rewindable
Winding Wire		PVC / PP	PVC / PP	PVC / PP
Ambient Temperature		45°	45°	45°
Starts Per Hour		20	20	15
Minimum Cooling Flow		0.2 m/s	0.5 m/s	0.5 m/s

We are also equipped to supply pump sets in different construction of materials and also with special designs, voltage, frequency, protection class as per specification of any international standard or as per requirement of valued customers.
In view of continuous developments, the descriptions, specifications, illustrations and other information provided are subject to change without prior notice.



Sectional Drawing & Materials

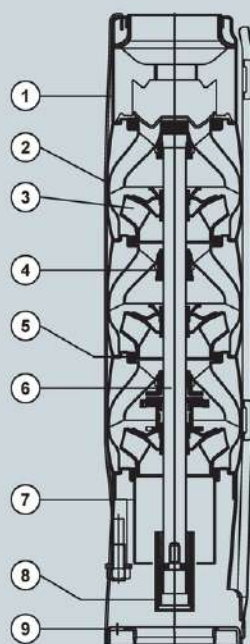
4" Stainless Steel Pumps



Materials Legend

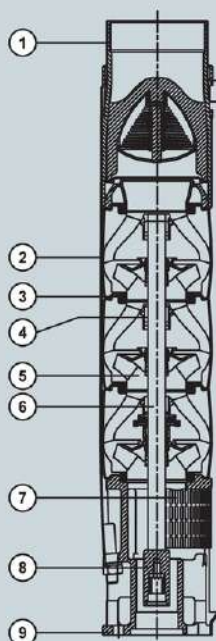
No.	Component		
		4"	6"
1	Delivery Casing	Stainless Steel AISI 304 / CF8	Stainless Steel AISI 304 / CF8
2	Diffuser	Stainless Steel AISI 304	Stainless Steel AISI 304
3	Impeller	Stainless Steel AISI 304	Stainless Steel AISI 304
4	Bearing	NBR	NBR
5	Neck ring	NBR	NBR
6	Pump Shaft	Stainless Steel AISI 431 / 410	Stainless Steel AISI 431
7	Strainer	Stainless Steel AISI 304	Stainless Steel AISI 304
8	Coupling	Stainless Steel AISI 304	Stainless Steel AISI 304
9	Suction inter connector	Stainless Steel AISI 304 / CF8	Stainless Steel AISI 304 / CF8
10	Upper Thrust	-	Stainless Steel AISI 304 / NR

6" Stainless Steel Pumps



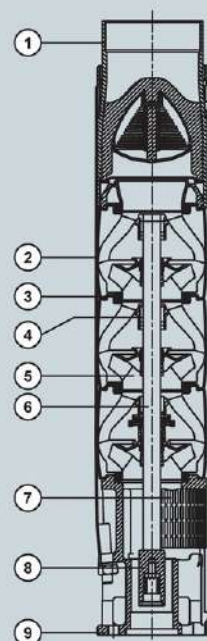
AM12, AM14A, AM17,
AM30, AM46, AM60

8" Stainless Steel Pumps



AM77, AM95

10" Stainless Steel Pumps



AM125, AM160, AM215

Material		
	8"	10"
	Stainless Steel AISI 304 / CF8	Stainless Steel AISI 304 / CF8
	AISI 304	Stainless Steel AISI 304
	NBR	NBR
	NBR	NBR
	AISI 304	Stainless Steel AISI 304
	AISI 431	Stainless Steel AISI 431
	Stainless Steel AISI 304	Stainless Steel AISI 304
	AISI 304	Stainless Steel AISI 304
	Stainless Steel AISI 304 / CF8	Stainless Steel AISI 304 / CF8
	-	-

Dimension & Weight

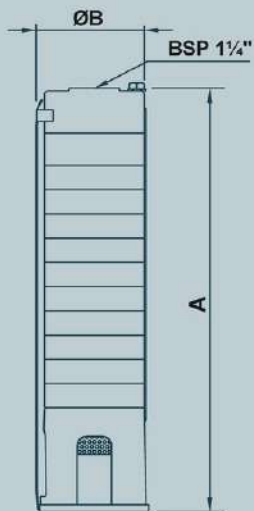
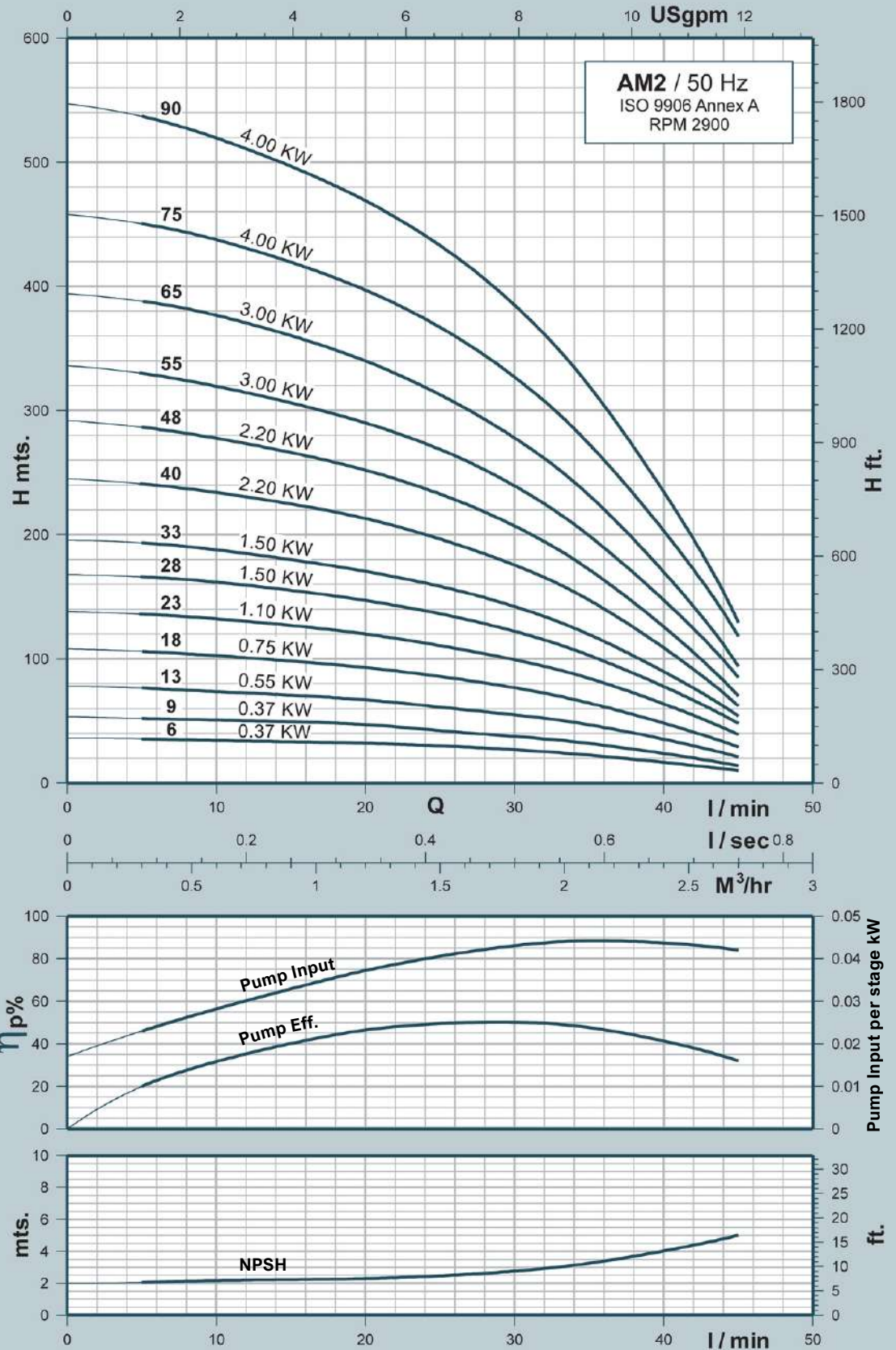
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSIONS (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM-6	6	0.37	0.50	4"	RP / NPT / 1 1/4"	410	101	3	4
AM2-9	9	0.37	0.50	4"		473	101	4	5
AM2-13	13	0.55	0.75	4"		557	101	5	6
AM2-18	18	0.75	1.00	4"		662	101	7	8
AM2-23	23	1.10	1.50	4"		767	101	8	9
AM2-28	28	1.50	2.00	4"		872	101	10	11
AM2-33	33	1.50	2.00	4"		977	101	11	13
AM2-40	40	2.20	3.00	4"		1124	101	13	15
AM2-48	48	2.20	3.00	4"		1292	101	15	17
AM2-55	55	3.00	4.00	4"		1439	101	17	20
AM2-65	65	3.00	4.00	4"		1649	101	20	23
AM2-75	75	4.00	5.50	4"		1859	101	23	26
AM2-90	90	4.00	5.50	4"		2174	108	27	31

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M³/hr	0	0.4	1.2	1.6	1.9	2.7
					L/min	0	6.7	20	27	33	45
4"	AM-6	6	0.37	0.50	Head (H) mtr.	36	35	32	29	24	10
	AM2-9	9	0.37	0.50		54	52	47	41	34	14
	AM2-13	13	0.55	0.75		78	76	67	59	50	31
	AM2-18	18	0.75	1.00		108	105	93	83	69	29
	AM2-23	23	1.10	1.50		138	135	120	107	90	39
	AM2-28	28	1.50	2.00		168	165	147	132	110	48
	AM2-33	33	1.50	2.00		196	192	171	154	128	54
	AM2-40	40	2.20	3.00		245	239	213	190	158	62
	AM2-48	48	2.20	3.00		292	284	252	225	185	70
	AM2-55	55	3.00	4.00		336	327	290	260	214	85
	AM2-65	65	3.00	4.00		394	385	340	302	249	94
	AM2-75	75	4.00	5.50		458	447	397	355	293	118
	AM2-90	90	4.00	5.50		547	532	469	419	344	129

Performance Curve



AM2/90 is mounted in
Sleeve / Adapter optional

Dimension & Weight

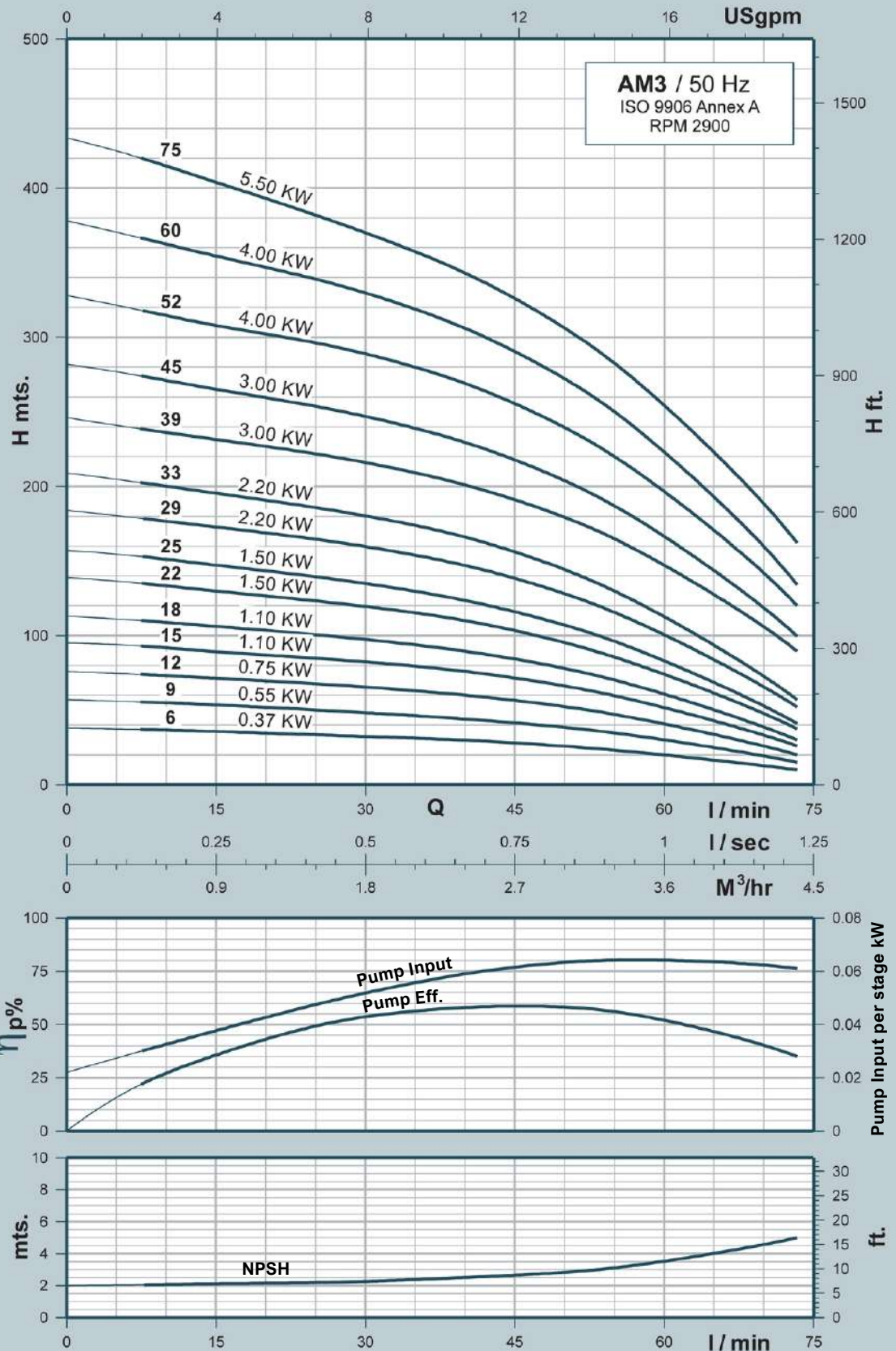
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSIONS (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM3-6	6	0.37	0.50	4"	RP / NPT 1 1/4"	410	101	3	4
AM3-9	9	0.55	0.75	4"		473	101	4	5
AM3-12	12	0.75	1.00	4"		536	101	5	6
AM3-15	15	1.10	1.50	4"		599	101	6	7
AM3-18	18	1.10	1.50	4"		662	101	7	8
AM3-22	22	1.50	2.00	4"		746	101	8	9
AM3-25	25	1.50	2.00	4"		809	101	9	10
AM3-29	29	2.20	3.00	4"		893	101	10	11
AM3-33	33	2.20	3.00	4"		977	101	11	13
AM3-39	39	3.00	4.00	4"		1103	101	13	14
AM3-45	45	3.00	4.00	4"		1229	101	14	16
AM3-52	52	4.00	5.50	4"		1376	101	16	19
AM3-60	60	4.00	5.50	4"		1544	101	19	21
AM3-75	75	5.50	7.50	4"		1859	101	23	26

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M³/hr	0	0.8	1.6	2.4	3.1	4.3
					L/min	0	13	27	40	53	73
4"	AM3-6	6	0.37	0.50	Head (H) mtr.	38	36	33	30	24	10
	AM3-9	9	0.55	0.75		57	54	50	44	36	15
	AM3-12	12	0.75	1.00		76	72	67	60	49	20
	AM3-15	15	1.10	1.50		95	90	84	76	62	26
	AM3-18	18	1.10	1.50		113	107	100	90	73	30
	AM3-22	22	1.50	2.00		139	131	122	110	89	38
	AM3-25	25	1.50	2.00		157	149	138	124	100	41
	AM3-29	29	2.20	3.00		184	174	163	147	120	52
	AM3-33	33	2.20	3.00		209	197	184	166	135	57
	AM3-39	39	3.00	4.00		246	233	220	201	170	90
	AM3-45	45	3.00	4.00		282	267	252	230	193	100
	AM3-52	52	4.00	5.50		328	310	294	269	227	120
	AM3-60	60	4.00	5.50		378	357	336	306	258	134
	AM3-75	75	5.50	7.50		434	408	378	343	291	162

Performance Curve



Dimension & Weight

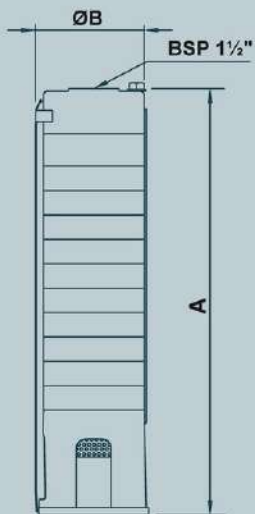
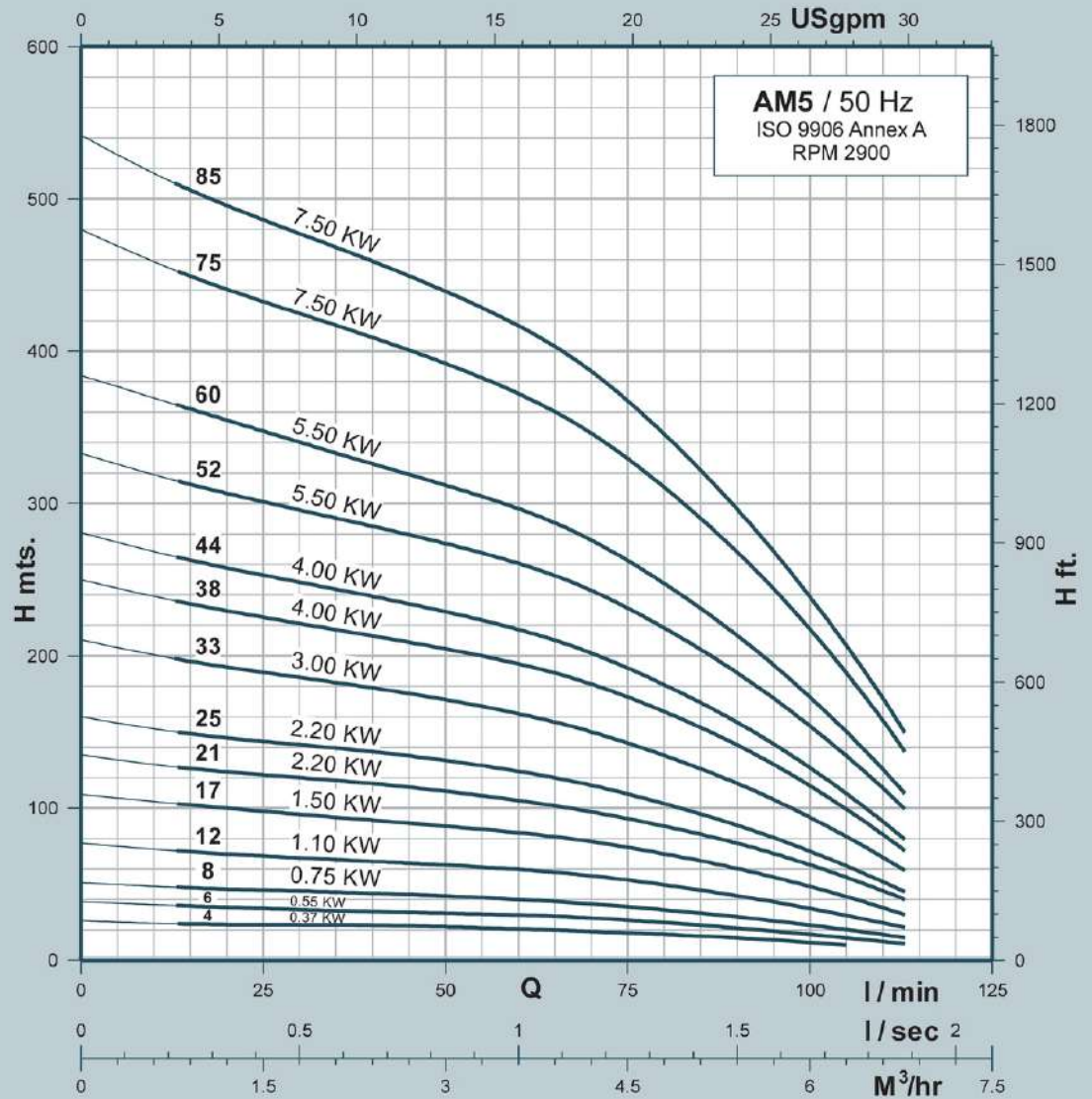
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSIONS (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM5-4	4	0.37	0.50	4"	RP / NPT 1 1/2"	368	101	3	3
AM5-6	6	0.55	0.75	4"		410	101	3	4
AM5-8	8	0.75	1.00	4"		452	101	4	5
AM5-12	12	1.10	1.50	4"		536	101	5	6
AM5-17	17	1.50	2.00	4"		641	101	6	7
AM5-21	21	2.20	3.00	4"		725	101	8	9
AM5-25	25	2.20	3.00	4"		809	101	9	10
AM5-33	33	3.00	4.00	4"		977	101	11	13
AM5-38	38	4.00	5.50	4"		1082	101	12	14
AM5-44	44	4.00	5.50	4"		1208	101	14	16
AM5-52	52	5.50	7.50	4"		1378	101	16	19
AM5-60	60	5.50	7.50	4"		1544	101	19	21
AM5-75	75	7.50	10.00	4"		1859	101	23	26
AM5-85	85	7.50	10.00	4"		2069	108	26	29
AM5-75	75	7.50	10.00	6"		2159	142	24	27
AM5-85	85	7.50	10.00	6"		2369	142	27	30

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

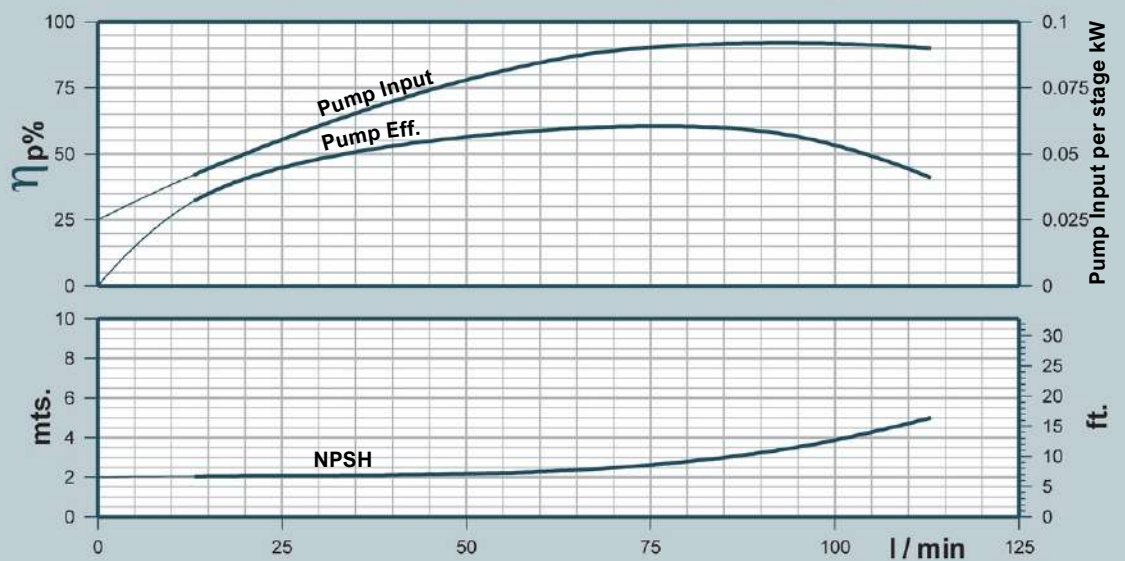
Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M³/hr	0	0.7	2.4	4	5.5	6.7
					L/min	0	13	40	67	93	113
4"	AM5-4	4	0.37	0.50	Head (H) mtr.	26	24	23	20	14	-
	AM5-6	6	0.55	0.75		39	36	32	29	20	11
	AM5-8	8	0.75	1.00		51	48	44	38	27	15
	AM5-12	12	1.10	1.50		77	72	65	57	40	22
	AM5-17	17	1.50	2.00		109	103	92	80	57	30
	AM5-21	21	2.20	3.00		135	127	116	100	73	40
	AM5-25	25	2.20	3.00		160	150	137	118	84	45
	AM5-33	33	3.00	4.00		211	198	179	154	110	59
	AM5-38	38	4.00	5.50		250	236	213	186	134	72
	AM5-44	44	4.00	5.50		281	265	239	207	148	80
	AM5-52	52	5.50	7.50		333	315	285	249	176	100
	AM5-60	60	5.50	7.50		384	365	326	283	202	110
4" & 6"	AM5-75	75	7.50	10.00		480	453	409	355	254	137
	AM5-85	85	7.50	10.00		542	510	459	397	280	150

Performance Curve



AM5/85 is mounted in Sleeve / Adapter optional



Dimension & Weight

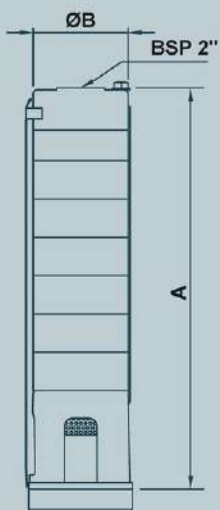
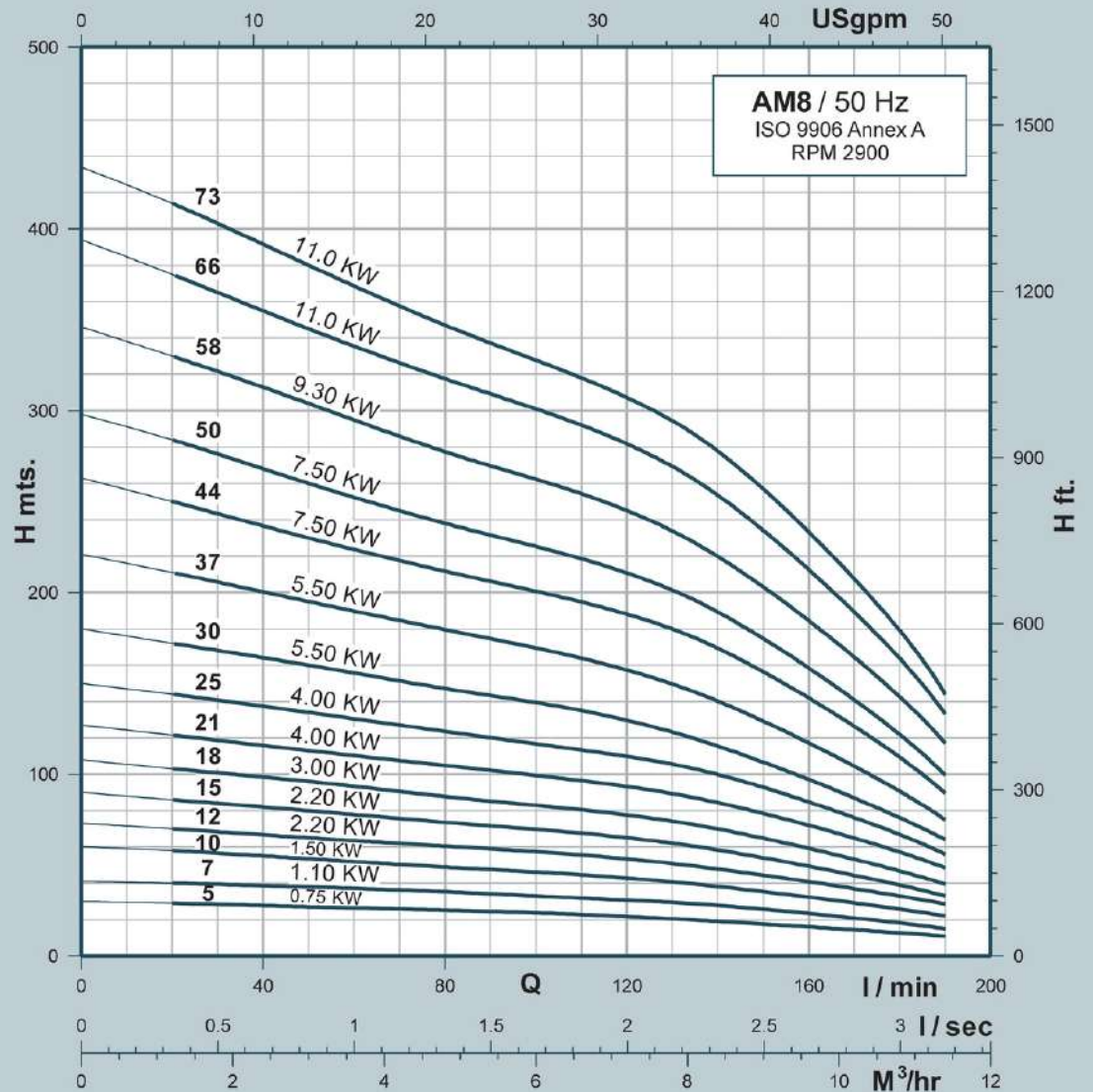
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM8-5	5	0.75	1.00	4"	RP / NPT 2"	549	101	6	7
AM8-7	7	1.10	1.50	4"		633	101	7	8
AM8-10	10	1.50	2.00	4"		759	101	8	10
AM8-12	12	2.20	3.00	4"		843	101	9	11
AM8-15	15	2.20	3.00	4"		969	101	11	12
AM8-18	18	3.00	4.00	4"		1095	101	12	14
AM8-21	21	4.00	5.50	4"		1221	101	13	15
AM8-25	25	4.00	5.50	4"		1389	101	15	17
AM8-30	30	5.50	7.50	4"		1599	101	17	20
AM8-37	37	5.50	7.50	4"		1893	101	20	23
AM8-44	44	7.50	10.00	4"		2187	101	24	27
AM8-50	50	7.50	10.00	4"		2439	101	26	30
AM8-44	44	7.50	10.00	6"		2487	101	25	28
AM8-50	50	7.50	10.00	6"		2739	142	27	31
AM8-58	58	9.30	12.50	6"		2775	142	30	34
AM8-66	66	11.00	15.00	6"		3111	142	33	38
AM8-73	73	11.00	15.00	6"		3237	142	36	42

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

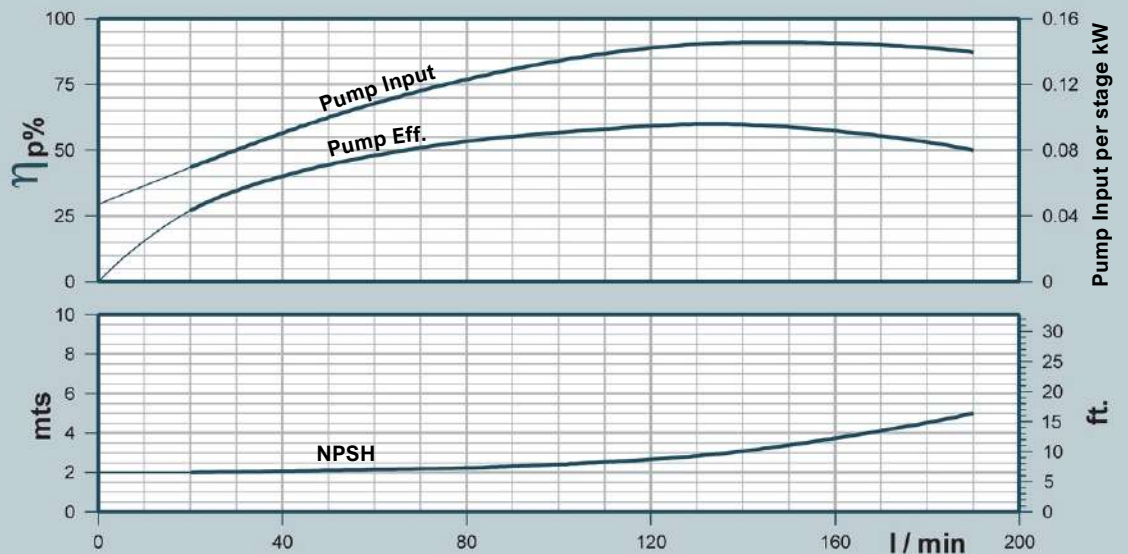
Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M³/hr	0	3	4.9	6.4	7.9	11.4
					L/min	0	50	83	108	133	190
4"	AM8-5	5	0.75	1.00	Head (H) mtr.	30	27	25	23	20	11
	AM8-7	7	1.10	1.50		41	38	35	32	29	15
	AM8-10	10	1.50	2.00		60	54	49	45	40	22
	AM8-12	12	2.20	3.00		73	65	60	56	50	29
	AM8-15	15	2.20	3.00		90	80	73	68	61	33
	AM8-18	18	3.00	4.00		108	96	87	81	73	40
	AM8-21	21	4.00	5.50		127	113	104	97	88	49
	AM8-25	25	4.00	5.50		150	134	123	114	104	56
	AM8-30	30	5.50	7.50		180	160	146	136	121	64
	AM8-37	37	5.50	7.50		221	195	178	165	147	75
4" & 6"	AM8-44	44	7.50	10.00		263	230	210	196	177	90
	AM8-50	50	7.50	10.00		298	260	236	220	198	100
6"	AM8-58	58	9.30	12.50		346	304	275	256	230	117
	AM8-66	66	11.00	15.00		394	345	315	294	265	133
	AM8-73	73	11.00	15.00		434	380	344	320	290	144

Performance Curve



AM8/73 is mounted in
Sleeve / Adapter optional



Dimension & Weight

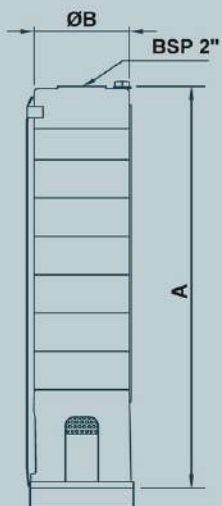
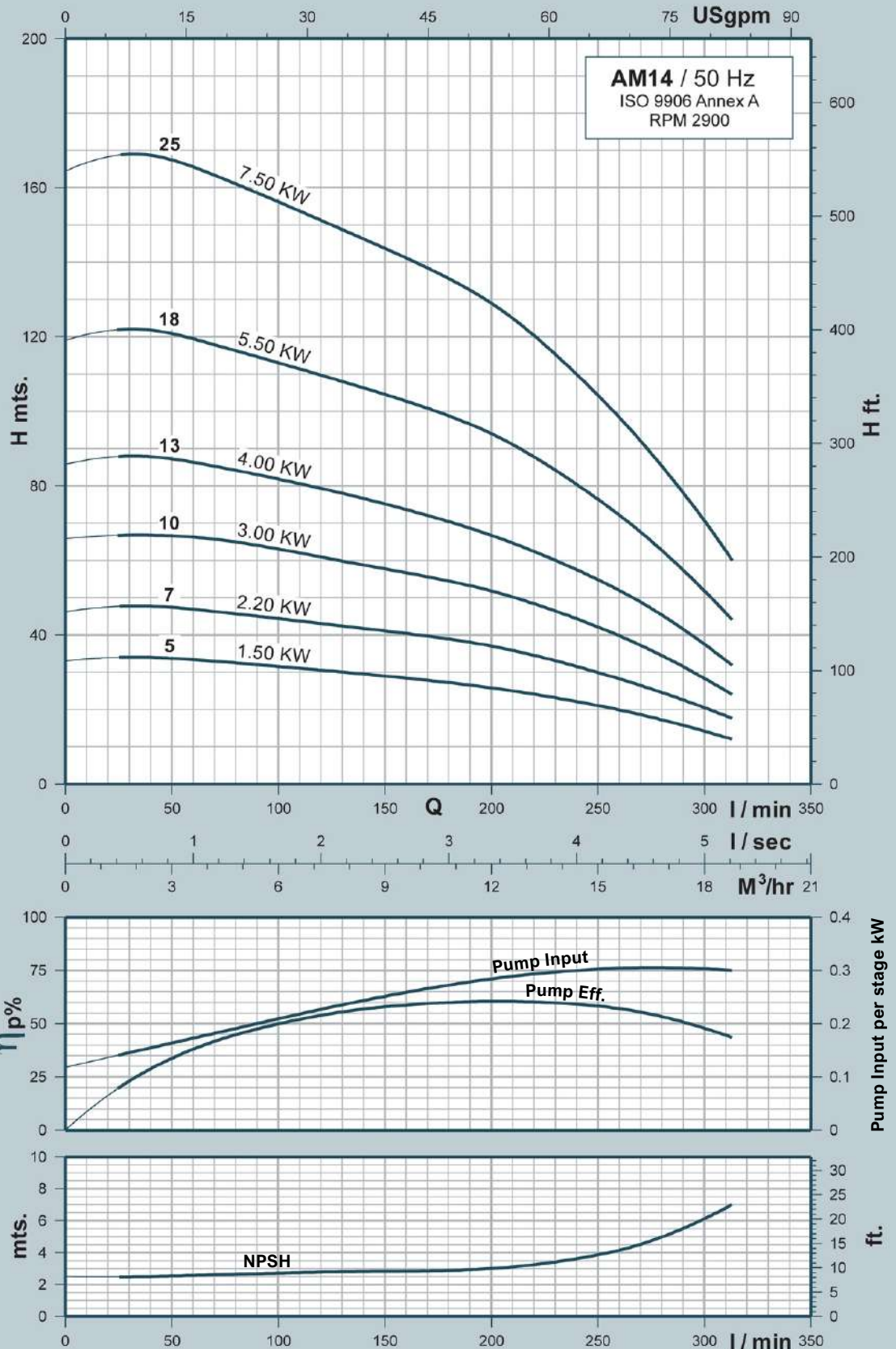
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM14-5	5	1.50	2.00	4"	RP / NPT 2"	510	101	5	6
AM14-7	7	2.20	3.00	4"		640	101	7	8
AM14-10	10	3.00	4.00	4"		835	101	9	10
AM14-13	13	4.00	5.50	4"		1030	101	12	13
AM14-18	18	5.50	7.50	4"		1355	101	16	17
AM14-25	25	7.50	10.00	4"		1810	101	22	23
AM14-25	25	7.50	10.00	6"		1872	142	25	26

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M³/hr	0	4	7.9	12	16	18.8
					L/min	0	68	133	200	267	313
4"	AM14-5	5	1.50	2.00	Head (H) mtr.	33	33	30	26	19	12
	AM14-7	7	2.20	3.00		46	46	42	37	27	18
	AM14-10	10	3.00	4.00		66	66	60	52	38	24
	AM14-13	13	4.00	5.50		86	86	78	67	50	32
	AM14-18	18	5.50	7.50		119	118	108	94	69	44
4" & 6"	AM14-25	25	7.50	10.00		164	164	148	129	94	60

Performance Curve



Dimension & Weight

MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM12-1	1	0.55	0.75	4"	RP / NPT 2 1/2"	334	131	11.5	12.9
AM12-2	2	1.10	1.50	4"		394	131	12.1	13.7
AM12-3	3	1.20	2.00	4"		454	131	12.8	14.5
AM12-4	4	2.20	3.00	4"		514	131	13.4	15.3
AM12-5	5	2.20	3.00	4"		574	131	14.1	16.1
AM12-6	6	3.00	4.00	4"		634	131	14.7	16.9
AM12-7	7	3.00	4.00	4"		694	131	15.4	17.7
AM12-8	8	4.00	5.50	4"		754	131	16.0	18.5
AM12-9	9	4.00	5.50	4"		814	131	16.7	19.3
AM12-10	10	5.50	7.50	4"		874	131	17.3	20.1
AM12-11	11	5.50	7.50	4"		934	131	18.0	20.9
AM12-12	12	5.50	7.50	4"		994	131	18.6	21.7
AM12-13	13	5.50	7.50	4"		1054	131	19.3	22.5
AM12-14	14	7.50	10.00	4"		1114	131	19.9	23.3
AM12-15	15	7.50	10.00	4"		1174	131	20.6	24.1
AM12-16	16	7.50	10.00	4"		1234	131	21.2	25.0
AM12-17	17	7.50	10.00	4"		1294	131	21.9	25.8
AM12-18	18	7.50	10.00	4"		1354	131	22.5	26.6
AM12-14	14	7.50	10.00	6"		1114	142	19.9	23.3
AM12-15	15	7.50	10.00	6"		1174	142	20.6	24.1
AM12-16	16	7.50	10.00	6"		1234	142	21.2	25.0
AM12-17	17	7.50	10.00	6"		1294	142	21.9	25.8
AM12-18	18	7.50	10.00	6"		1354	142	22.5	26.6
AM12-19	19	9.30	12.50	6"		1414	142	23.2	27.4
AM12-20	20	9.30	12.50	6"		1474	142	23.8	28.2
AM12-21	21	9.30	12.50	6"		1534	142	24.5	29.0
AM12-22	22	9.30	12.50	6"		1594	142	25.1	29.8

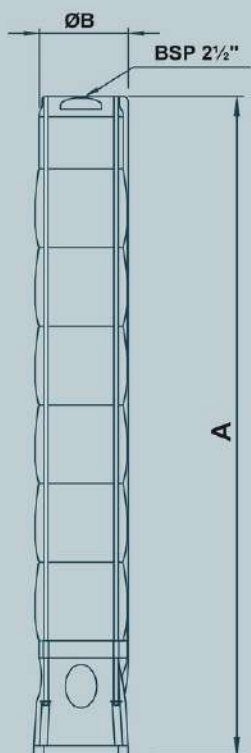
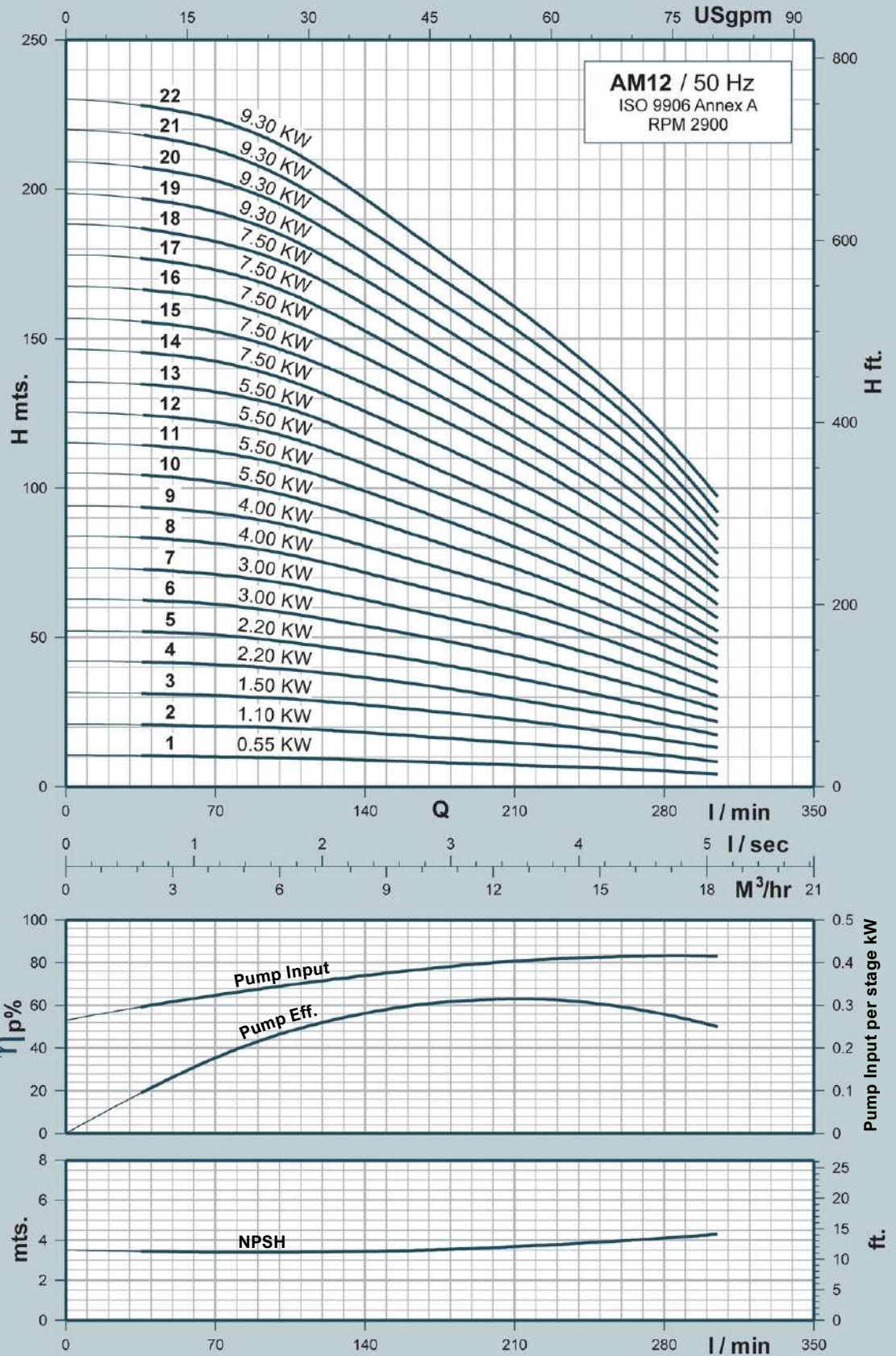
Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)							
					M ³ /hr	0	4	6	10	13	16	18.3
					L/min	0	67	100	167	217	267	305
4"	AM12-1	1	0.55	0.75	Head (H) mtr.	11	10	10	8	7	6	4
	AM12-2	2	1.10	1.50		21	20	20	17	14	12	8
	AM12-3	3	1.20	2.00		32	31	30	26	22	17	13
	AM12-4	4	2.20	3.00		42	41	40	34	29	23	17
	AM12-5	5	2.20	3.00		52	51	49	42	36	28	22
	AM12-6	6	3.00	4.00		63	61	59	50	43	34	26
	AM12-7	7	3.00	4.00		73	71	68	58	50	40	30
	AM12-8	8	4.00	5.50		84	82	78	67	58	46	35
	AM12-9	9	4.00	5.50		94	92	88	75	64	51	40
	AM12-10	10	5.50	7.50		105	102	98	84	72	57	44
	AM12-11	11	5.50	7.50		115	112	108	92	78	63	48
	AM12-12	12	5.50	7.50		125	122	118	100	86	68	52
	AM12-13	13	5.50	7.50		136	133	128	109	93	74	56
4" & 6"	AM12-14	14	7.50	10.00		147	143	137	117	100	80	61
	AM12-15	15	7.50	10.00		157	153	147	126	108	86	66
	AM12-16	16	7.50	10.00		168	164	157	134	114	92	70
	AM12-17	17	7.50	10.00		178	174	167	142	122	98	74
	AM12-18	18	7.50	10.00		188	183	176	150	128	104	78
6"	AM12-19	19	9.30	12.50		199	193	185	158	136	110	83
	AM12-20	20	9.30	12.50		209	204	195	166	143	116	87
	AM12-21	21	9.30	12.50		220	214	205	174	150	122	92
	AM12-22	22	9.30	12.50		230	224	215	183	157	127	97

In view of continuous developments, the descriptions, specifications, illustrations and other information provided are subject to change without prior notice.

Performance Curve



Dimension & Weight

MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM12-23	23	11.00	15.00	6"	RP / NPT 2 1/2"	1654	142	25.8	30.6
AM12-24	24	11.00	15.00	6"		1714	142	26.4	31.4
AM12-25	25	11.00	15.00	6"		1774	142	27.1	32.2
AM12-26	26	11.00	15.00	6"		1834	142	27.7	33.0
AM12-27	27	13.00	17.50	6"		1894	142	28.4	33.8
AM12-28	28	13.00	17.50	6"		1954	142	29.0	34.6
AM12-29	29	13.00	17.50	6"		2014	142	29.7	35.4
AM12-30	30	13.00	17.50	6"		2074	142	30.3	36.2
AM12-31	31	13.00	17.50	6"		2134	142	31.0	37.0
AM12-32	32	15.00	20.00	6"		2194	142	31.6	37.8
AM12-33	33	15.00	20.00	6"		2254	142	32.3	38.6
AM12-34	34	15.00	20.00	6"		2314	142	32.9	39.4
AM12-35	35	15.00	20.00	6"		2374	142	33.6	40.3
AM12-36	36	15.00	20.00	6"		2434	142	34.2	41.1
AM12-37	37	18.50	25.00	6"		2494	142	34.9	41.9
AM12-38	38	18.50	25.00	6"		2554	142	35.5	42.7
AM12-39	39	18.50	25.00	6"		2614	142	36.2	43.5
AM12-40	40	18.50	25.00	6"		2674	142	36.8	44.3
AM12-41	41	18.50	25.00	6"		2734	142	37.5	45.1
AM12-42	42	18.50	25.00	6"		2794	142	38.1	45.9
AM12-43	43	18.50	25.00	6"		2854	142	38.8	46.7
AM12-44	44	18.50	25.00	6"		2914	142	39.4	47.5

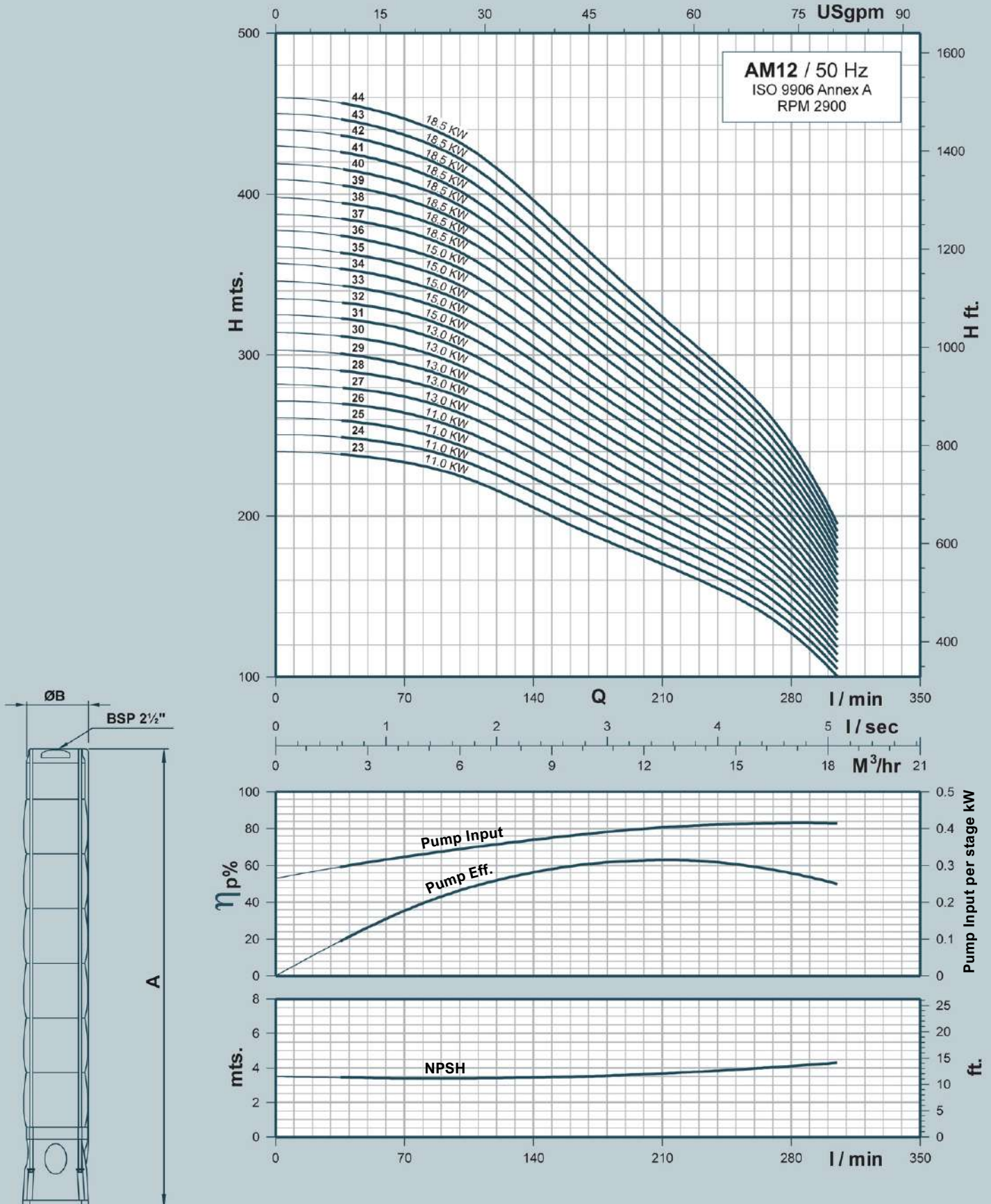
Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)							
					M ³ /hr	0	4	6	10	13	16	18.3
					L/min	0	67	100	167	217	267	305
6"	AM12-23	23	11.00	15.00	Head (H) mtr.	240	234	225	191	167	139	101
	AM12-24	24	11.00	15.00		251	245	235	200	174	145	105
	AM12-25	25	11.00	15.00		261	255	244	209	181	151	110
	AM12-26	26	11.00	15.00		272	265	254	217	188	157	114
	AM12-27	27	13.00	17.50		282	275	264	225	195	163	119
	AM12-28	28	13.00	17.50		293	285	274	234	203	169	123
	AM12-29	29	13.00	17.50		303	295	284	242	210	175	128
	AM12-30	30	13.00	17.50		314	306	294	251	217	181	132
	AM12-31	31	13.00	17.50		325	317	304	259	224	187	137
	AM12-32	32	15.00	20.00		335	327	314	267	231	193	141
	AM12-33	33	15.00	20.00		346	337	324	275	238	199	146
	AM12-34	34	15.00	20.00		357	347	334	283	245	205	150
	AM12-35	35	15.00	20.00		368	357	344	291	252	211	155
	AM12-36	36	15.00	20.00		378	367	354	300	259	217	159
	AM12-37	37	18.50	25.00		388	378	364	309	266	223	164
	AM12-38	38	18.50	25.00		398	388	374	317	273	229	168
	AM12-39	39	18.50	25.00		409	398	383	325	280	235	173
	AM12-40	40	18.50	25.00		419	408	393	333	288	241	177
	AM12-41	41	18.50	25.00		430	418	402	342	296	247	182
	AM12-42	42	18.50	25.00		440	428	412	350	303	253	186
	AM12-43	43	18.50	25.00		450	438	422	359	310	259	191
	AM12-44	44	18.50	25.00		460	448	432	368	317	265	195

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Performance Curve



Dimension & Weight

MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM14A-1	1	0.55	0.75	4"	RP / NPT 2 1/2"	334	131	11.5	12.9
AM14A-2	2	1.10	1.50	4"		394	131	12.1	13.7
AM14A-3	3	1.20	2.00	4"		454	131	12.8	14.5
AM14A-4	4	2.20	3.00	4"		514	131	13.4	15.3
AM14A-5	5	2.20	3.00	4"		574	131	14.1	16.1
AM14A-6	6	3.00	4.00	4"		634	131	14.7	16.9
AM14A-7	7	3.00	4.00	4"		694	131	15.4	17.7
AM14A-8	8	4.00	5.50	4"		754	131	16.0	18.5
AM14A-9	9	4.00	5.50	4"		814	131	16.7	19.3
AM14A-10	10	5.50	7.50	4"		874	131	17.3	20.1
AM14A-11	11	5.50	7.50	4"		934	131	18.0	20.9
AM14A-12	12	5.50	7.50	4"		994	131	18.6	21.7
AM14A-13	13	7.50	10.00	4"		1054	131	19.3	22.5
AM14A-14	14	7.50	10.00	4"		1114	131	19.9	23.3
AM14A-15	15	7.50	10.00	4"		1174	131	20.6	24.1
AM14A-16	16	7.50	10.00	4"		1234	131	21.2	25.0
AM14A-13	13	7.50	10.00	6"		1054	142	19.3	22.5
AM14A-14	14	7.50	10.00	6"		1114	142	19.9	23.3
AM14A-15	15	7.50	10.00	6"		1174	142	20.6	24.1
AM14A-16	16	7.50	10.00	6"		1234	142	21.2	25.0
AM14A-17	17	9.30	12.50	6"		1294	142	21.9	25.8
AM14A-18	18	9.30	12.50	6"		1354	142	22.5	26.6
AM14A-19	19	9.30	12.50	6"		1414	142	23.2	27.4
AM14A-20	20	9.30	12.50	6"		1474	142	23.8	28.2
AM14A-21	21	11.00	15.00	6"		1534	142	24.5	29.0
AM14A-22	22	11.00	15.00	6"		1594	142	25.1	29.8

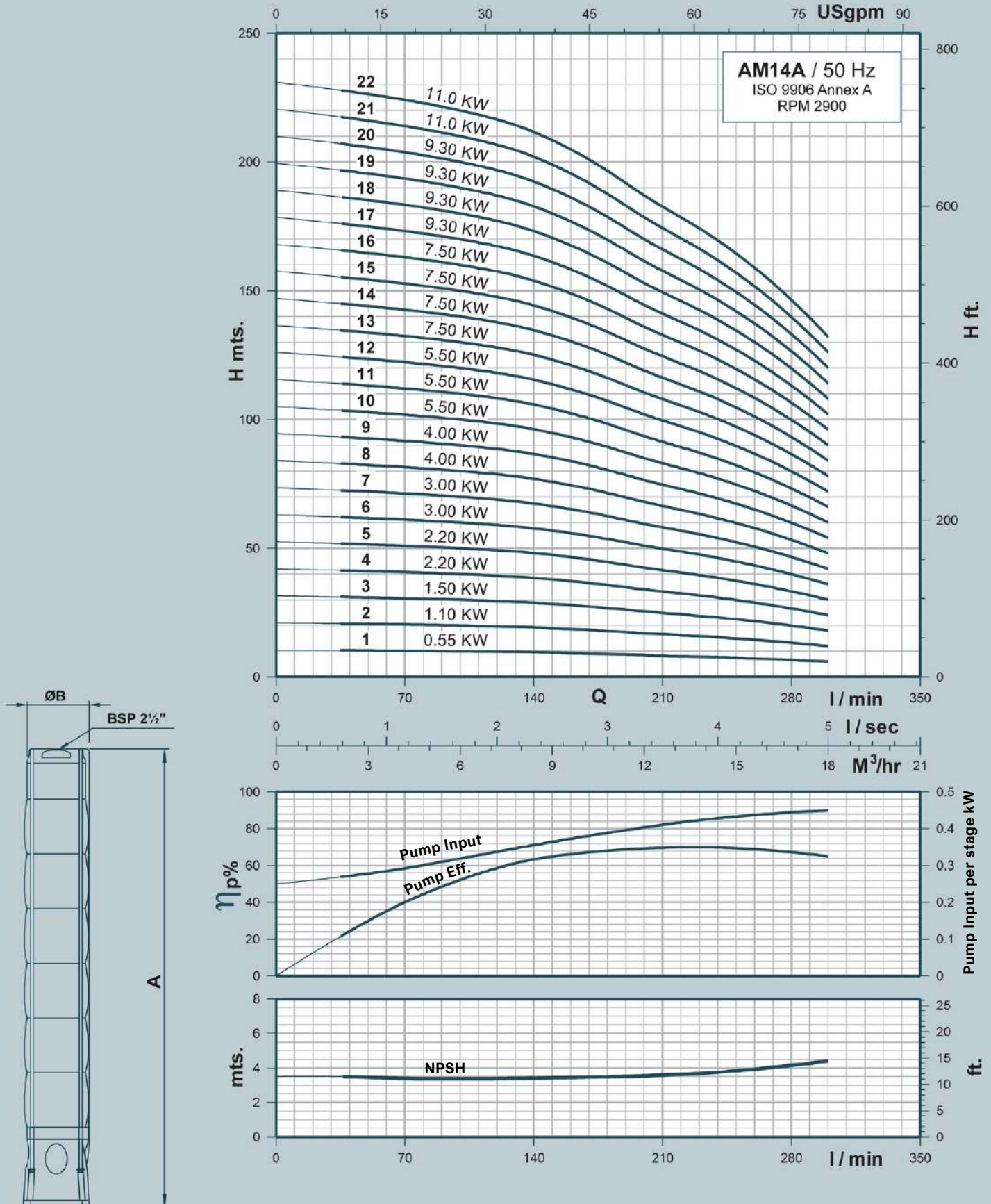
Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)							
					M³/hr	0	10	11	12	14	16	18
					L/min	0	167	183	200	233	267	300
4"	AM12-1	1	0.55	0.75	Head (H) mtr.	11	9	9	9	8	7	6
	AM12-2	2	1.10	1.50		21	18	18	17	16	14	12
	AM12-3	3	1.20	2.00		32	28	27	26	24	21	18
	AM12-4	4	2.20	3.00		42	37	35	34	31	28	24
	AM12-5	5	2.20	3.00		53	46	44	43	39	35	30
	AM12-6	6	3.00	4.00		63	55	53	51	47	42	36
	AM12-7	7	3.00	4.00		74	64	62	60	55	49	42
	AM12-8	8	4.00	5.50		84	74	71	68	63	56	48
	AM12-9	9	4.00	5.50		95	83	80	77	71	63	54
	AM12-10	10	5.50	7.50		105	92	89	85	79	70	60
	AM12-11	11	5.50	7.50		116	101	98	94	86	78	66
	AM12-12	12	5.50	7.50		126	110	106	102	94	85	72
4" & 6"	AM12-13	13	7.50	10.00		137	120	115	111	102	92	78
	AM12-14	14	7.50	10.00		147	129	124	119	110	99	84
	AM12-15	15	7.50	10.00		158	138	133	128	118	106	90
	AM12-16	16	7.50	10.00		168	147	142	136	126	113	96
6"	AM12-17	17	9.30	12.50		179	156	151	145	133	120	102
	AM12-18	18	9.30	12.50		189	166	160	153	141	127	108
	AM12-19	19	9.30	12.50		200	175	168	162	149	164	114
	AM12-20	20	9.30	12.50		210	184	177	170	157	141	120
	AM12-21	21	11.00	15.00		221	193	186	179	165	148	126
	AM12-22	22	11.00	15.00		231	202	195	187	173	155	132

In view of continuous developments, the descriptions, specifications, illustrations and other information provided are subject to change without prior notice.

Performance Curve



Dimension & Weight

MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM14-23	23	11.00	15.00	6"	RP / NPT 2 1/2"	1654	142	25.8	30.6
AM14-24	24	11.00	15.00	6"		1714	142	26.4	31.4
AM14-25	25	13.00	17.50	6"		1774	142	27.1	32.2
AM14-26	26	13.00	17.50	6"		1834	142	27.7	33.0
AM14-27	27	13.00	17.50	6"		1894	142	28.4	33.8
AM14-28	28	13.00	17.50	6"		1954	142	29.0	34.6
AM14-29	29	15.00	20.00	6"		2014	142	29.7	35.4
AM14-30	30	15.00	20.00	6"		2074	142	30.3	36.2
AM14-31	31	15.00	20.00	6"		2134	142	31.0	37.0
AM14-32	32	15.00	20.00	6"		2194	142	31.6	37.8
AM14-33	33	15.00	20.00	6"		2254	142	32.3	38.6
AM14-34	34	18.50	25.00	6"		2314	142	32.9	39.4
AM14-35	35	18.50	25.00	6"		2374	142	33.6	40.3
AM14-36	36	18.50	25.00	6"		2434	142	34.2	41.1
AM14-37	37	18.50	25.00	6"		2494	142	34.9	41.9
AM14-38	38	18.50	25.00	6"		2554	142	35.5	42.7
AM14-39	39	18.50	25.00	6"		2614	142	36.2	43.5
AM14-40	40	18.50	25.00	6"		2674	142	36.8	44.3
AM14-41	41	22.00	30.00	6"		2734	142	37.5	45.1
AM14-42	42	22.00	30.00	6"		2794	142	38.1	45.9
AM14-43	43	22.00	30.00	6"		2854	142	38.8	46.7
AM14-44	44	22.00	30.00	6"		2914	142	39.4	47.5

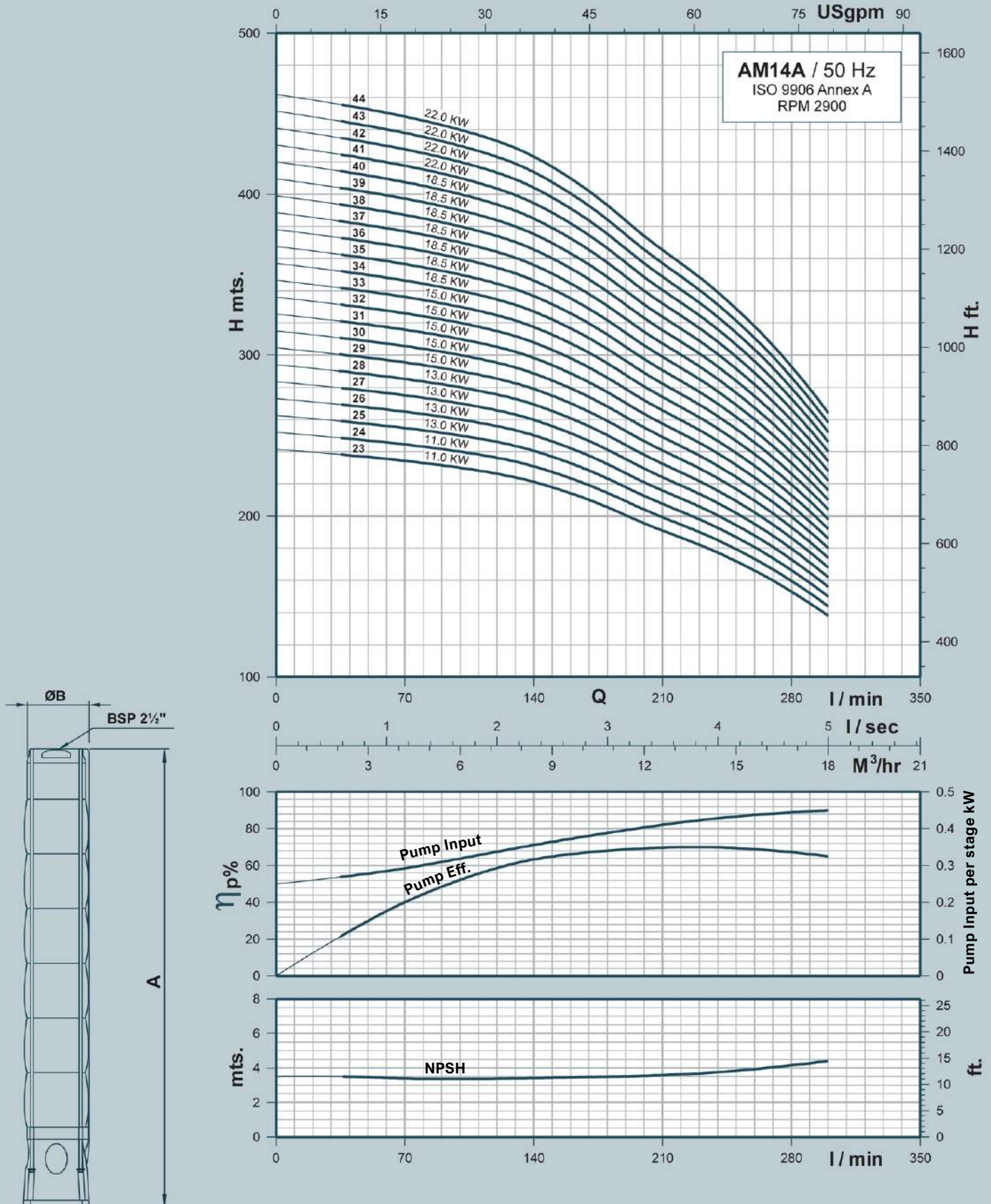
Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)							
					M³/hr	0	10	11	12	14	16	18
					L/min	0	167	183	200	233	267	300
6"	AM14-23	23	11.00	15.00	Head (H) mtr.	242	211	204	196	181	162	138
	AM14-24	24	11.00	15.00		252	221	213	204	188	169	144
	AM14-25	25	13.00	17.50		263	230	222	213	196	176	150
	AM14-26	26	13.00	17.50		273	239	230	221	204	183	156
	AM14-27	27	13.00	17.50		284	248	239	230	212	190	162
	AM14-28	28	13.00	17.50		294	257	248	238	220	197	168
	AM14-29	29	15.00	20.00		305	267	257	247	228	204	174
	AM14-30	30	15.00	20.00		315	276	266	255	236	211	180
	AM14-31	31	15.00	20.00		326	285	275	264	243	218	186
	AM14-32	32	15.00	20.00		336	294	284	272	251	225	192
	AM14-33	33	15.00	20.00		347	303	293	281	259	233	198
	AM14-34	34	18.50	25.00		357	313	301	289	267	240	204
	AM14-35	35	18.50	25.00		368	322	310	298	275	247	210
	AM14-36	36	18.50	25.00		378	331	319	306	283	254	216
	AM14-37	37	18.50	25.00		389	340	328	315	290	261	222
	AM14-38	38	18.50	25.00		399	349	337	323	298	268	228
	AM14-39	39	18.50	25.00		410	359	346	332	306	275	234
	AM14-40	40	18.50	25.00		420	368	355	340	314	282	240
	AM14-41	41	22.00	30.00		431	377	363	349	322	289	246
	AM14-42	42	22.00	30.00		441	386	372	357	330	296	252
	AM14-43	43	22.00	30.00		452	395	381	366	338	303	258
	AM14-44	44	22.00	30.00		462	405	390	374	345	310	264

In view of continuous developments, the descriptions, specifications, illustrations and other information provided are subject to change without prior notice.

Performance Curve



Dimension & Weight

MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM17-1	1	0.55	0.75	4"	RP / NPT 2 ^{1/2} "	334	131	11.5	12.9
AM17-2	2	1.10	1.50	4"		394	131	12.1	13.7
AM17-3	3	2.20	3.00	4"		454	131	12.8	14.5
AM17-4	4	2.20	3.00	4"		514	131	13.4	15.3
AM17-5	5	3.00	4.00	4"		574	131	14.1	16.1
AM17-6	6	4.00	5.50	4"		634	131	14.7	16.9
AM17-7	7	4.00	5.50	4"		694	131	15.4	17.7
AM17-8	8	5.50	7.50	4"		754	131	16.0	18.5
AM17-9	9	5.50	7.50	4"		814	131	16.7	19.3
AM17-10	10	5.50	7.50	4"		874	131	17.3	20.1
AM17-11	11	7.50	10.00	4"		934	131	18.0	20.9
AM17-12	12	7.50	10.00	4"		994	131	18.6	21.7
AM17-13	13	7.50	10.00	4"		1054	131	19.3	22.5
AM17-11	11	7.50	10.00	6"		934	142	18.0	20.9
AM17-12	12	7.50	10.00	6"		994	142	18.6	21.7
AM17-13	13	7.50	10.00	6"		1054	142	19.3	22.5
AM17-14	14	9.30	12.50	6"		1114	142	19.9	23.3
AM17-15	15	9.30	12.50	6"		1174	142	20.6	24.1
AM17-16	16	9.30	12.50	6"		1234	142	21.2	25.0
AM17-17	17	9.30	12.50	6"		1294	142	21.9	25.8
AM17-18	18	11.00	15.00	6"		1354	142	22.5	26.6
AM17-19	19	11.00	15.00	6"		1414	142	23.2	27.4
AM17-20	20	11.00	15.00	6"		1474	142	23.8	28.2
AM17-21	21	13.00	17.50	6"		1534	142	24.5	29.0

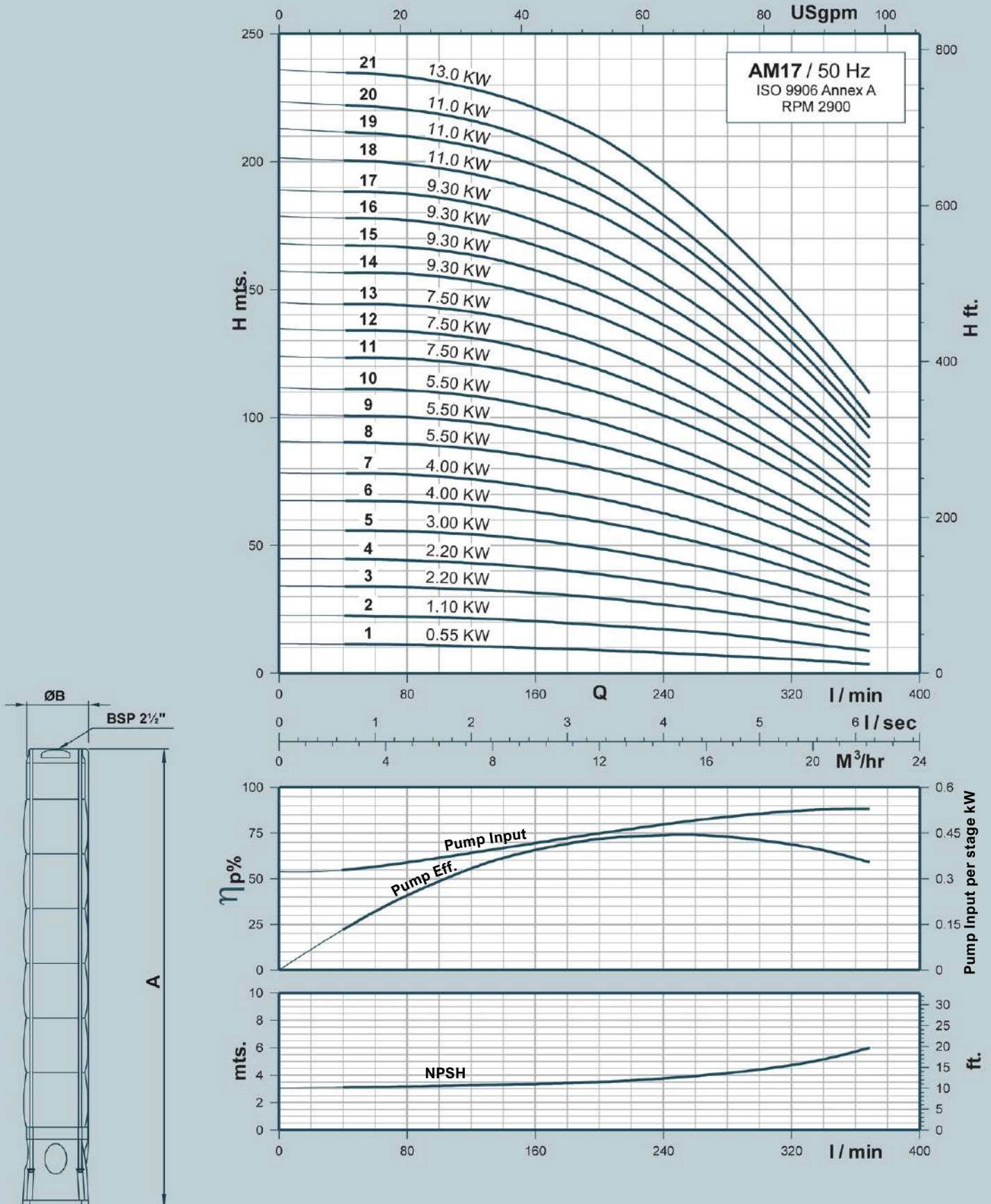
Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)							
					M³/hr	0	4	8	12	16	20	22.1
					L/min	0	67	133	200	267	333	369
4"	AM17-1	1	0.55	0.75	Head (H) mtr.	12	11	10	9	7	5	4
	AM17-2	2	1.10	1.50		23	22	21	19	16	11	9
	AM17-3	3	2.20	3.00		34	34	32	30	25	19	15
	AM17-4	4	2.20	3.00		45	44	43	39	33	24	19
	AM17-5	5	3.00	4.00		56	56	54	49	41	31	24
	AM17-6	6	4.00	5.50		68	67	65	59	50	38	31
	AM17-7	7	4.00	5.50		78	78	75	68	58	44	34
	AM17-8	8	5.50	7.50		91	90	87	80	68	52	42
	AM17-9	9	5.50	7.50		101	101	97	89	76	58	46
	AM17-10	10	5.50	7.50		112	111	107	98	83	63	50
4" & 6"	AM17-11	11	7.50	10.00		124	123	120	110	94	72	57
	AM17-12	12	7.50	10.00		135	134	130	119	101	78	62
	AM17-13	13	7.50	10.00		145	144	140	128	109	82	65
6"	AM17-14	14	9.30	12.50		157	157	152	139	119	91	73
	AM17-15	15	9.30	12.50		168	167	162	148	127	96	77
	AM17-16	16	9.30	12.50		179	178	172	158	134	102	81
	AM17-17	17	9.30	12.50		189	188	182	167	141	107	84
	AM17-18	18	11.00	15.00		202	200	194	179	153	116	92
	AM17-19	19	11.00	15.00		213	211	204	188	160	121	96
	AM17-20	20	11.00	15.00		224	221	214	196	166	127	100
	AM17-21	21	13.00	17.50		236	234	227	210	179	137	110

In view of continuous developments, the descriptions, specifications, illustrations and other information provided are subject to change without prior notice.

Performance Curve



Dimension & Weight

MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM17-22	22	13.00	17.50	6"	RP / NPT 2 1/2"	1594	142	25.1	29.8
AM17-23	23	13.00	17.50	6"		1654	142	25.8	30.6
AM17-24	24	13.00	17.50	6"		1714	142	26.4	31.4
AM17-25	25	15.00	20.00	6"		1774	142	27.1	32.2
AM17-26	26	15.00	20.00	6"		1834	142	27.7	33.0
AM17-27	27	15.00	20.00	6"		1894	142	28.4	33.8
AM17-28	28	18.50	25.00	6"		1954	142	29.0	34.6
AM17-29	29	18.50	25.00	6"		2014	142	29.7	35.4
AM17-30	30	18.50	25.00	6"		2074	142	30.3	36.2
AM17-31	31	18.50	25.00	6"		2134	142	31.0	37.0
AM17-32	32	18.50	25.00	6"		2194	142	31.6	37.8
AM17-33	33	18.50	25.00	6"		2254	142	32.3	38.6
AM17-34	34	22.00	30.00	6"		2314	142	32.9	39.4
AM17-35	35	22.00	30.00	6"		2374	142	33.6	40.3
AM17-36	36	22.00	30.00	6"		2434	142	34.2	41.1
AM17-37	37	22.00	30.00	6"		2494	142	34.9	41.9
AM17-38	38	22.00	30.00	6"		2554	142	35.5	42.7
AM17-39	39	22.00	30.00	6"		2614	142	36.2	43.5
AM17-40	40	22.00	30.00	6"		2674	142	36.8	44.3
AM17-43	43	26.00	35.00	6"		2854	142	38.8	46.7
AM17-45	45	26.00	35.00	6"		2974	142	40.1	48.3
AM17-48	48	26.00	35.00	6"		3154	142	42.0	50.7
AM17-51	51	30.00	40.00	6"		3334	142	43.9	53.1
AM17-53	53	30.00	40.00	6"		3454	142	45.2	54.8
AM17-55	55	37.00	50.00	6"		3574	142	46.5	56.4
AM17-58	58	37.00	50.00	6"		3754	142	48.5	58.8
AM17-60	60	37.00	50.00	6"		3874	142	49.8	60.4

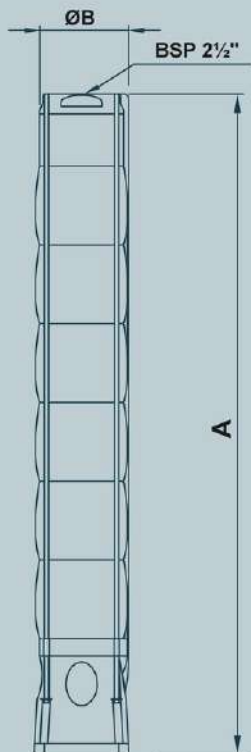
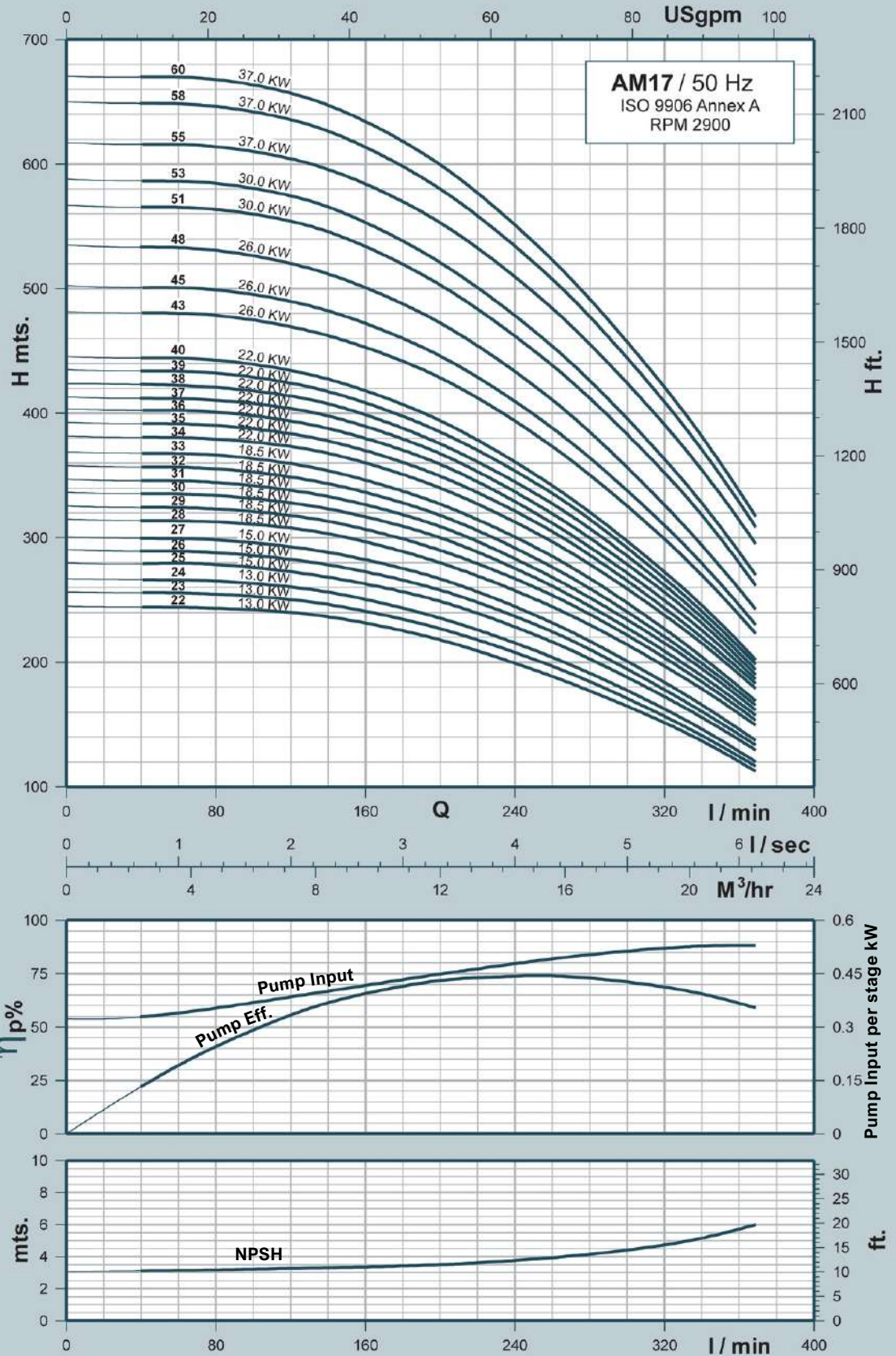
Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)							
					M³/hr	0	4	8	12	16	20	22.1
					L/min	0	67	133	200	267	333	369
6"	AM17-22	22	13.00	17.50	Head (H) mtr.	245	244	238	218	185	142	113
	AM17-23	23	13.00	17.50		257	256	248	227	193	147	117
	AM17-24	24	13.00	17.50		267	266	258	236	200	152	120
	AM17-25	25	15.00	20.00		280	280	270	249	212	162	130
	AM17-26	26	15.00	20.00		291	289	280	258	220	167	134
	AM17-27	27	15.00	20.00		301	299	290	267	227	172	137
	AM17-28	28	18.50	25.00		315	314	305	280	240	185	150
	AM17-29	29	18.50	25.00		326	324	315	290	249	191	154
	AM17-30	30	18.50	25.00		337	335	325	300	256	196	158
	AM17-31	31	18.50	25.00		347	346	335	309	263	202	162
	AM17-32	32	18.50	25.00		358	357	346	318	271	207	166
	AM17-33	33	18.50	25.00		369	368	356	327	280	212	169
	AM17-34	34	22.00	30.00		382	380	370	340	291	223	179
	AM17-35	35	22.00	30.00		393	391	380	350	299	228	183
	AM17-36	36	22.00	30.00		404	402	390	359	306	234	187
	AM17-37	37	22.00	30.00		413	412	400	368	313	240	190
	AM17-38	38	22.00	30.00		424	422	410	376	321	245	194
	AM17-39	39	22.00	30.00		435	434	420	385	329	250	198
	AM17-40	40	22.00	30.00		446	444	430	394	335	255	202
	AM17-43	43	26.00	35.00		482	480	465	429	366	280	223
	AM17-45	45	26.00	35.00		503	501	485	446	381	290	230
	AM17-48	48	26.00	35.00		535	533	515	473	403	305	243
	AM17-51	51	30.00	40.00		567	565	549	503	430	330	262
	AM17-53	53	30.00	40.00		588	586	569	521	445	340	270
	AM17-55	55	37.00	50.00		617	616	599	553	475	367	295
	AM17-58	58	37.00	50.00		650	648	630	580	498	384	309
	AM17-60	60	37.00	50.00		671	670	651	600	513	395	317

In view of continuous developments, the descriptions, specifications, illustrations and other information provided are subject to change without prior notice.

Performance Curve



AM17/43 to AM17/60 is
mounted in Sleeve /
Adapter optional

Dimension & Weight

MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM30-1	1	1.10	1.50	4"	RP / NPT 3"	370	131	11	12
AM30-2	2	2.20	3.00	4"		466	131	12	14
AM30-3	3	3.00	4.00	4"		562	131	14	16
AM30-4	4	4.00	5.50	4"		658	131	16	18
AM30-5	5	5.50	7.50	4"		754	131	17	20
AM30-6	6	5.50	7.50	4"		850	131	19	22
AM30-7	7	7.50	10.00	4"		946	131	21	24
AM30-8	8	7.50	10.00	4"		1042	131	22	26
AM30-7	7	7.50	10.00	6"		946	142	21	24
AM30-8	8	7.50	10.00	6"		1042	142	22	26
AM30-9	9	9.30	12.50	6"		1138	142	24	27
AM30-10	10	9.30	12.50	6"		1234	142	26	29
AM30-11	11	9.30	12.50	6"		1330	142	27	31
AM30-12	12	11.00	15.00	6"		1426	142	29	33
AM30-13	13	11.00	15.00	6"		1522	142	31	35
AM30-14	14	13.00	17.50	6"		1618	142	32	37
AM30-15	15	13.00	17.50	6"		1714	142	34	39
AM30-16	16	15.00	20.00	6"		1810	142	36	41
AM30-17	17	15.00	20.00	6"		1906	142	37	43
AM30-18	18	18.50	25.00	6"		2002	142	39	45
AM30-19	19	18.50	25.00	6"		2098	142	41	47
AM30-20	20	18.50	25.00	6"		2194	142	42	49

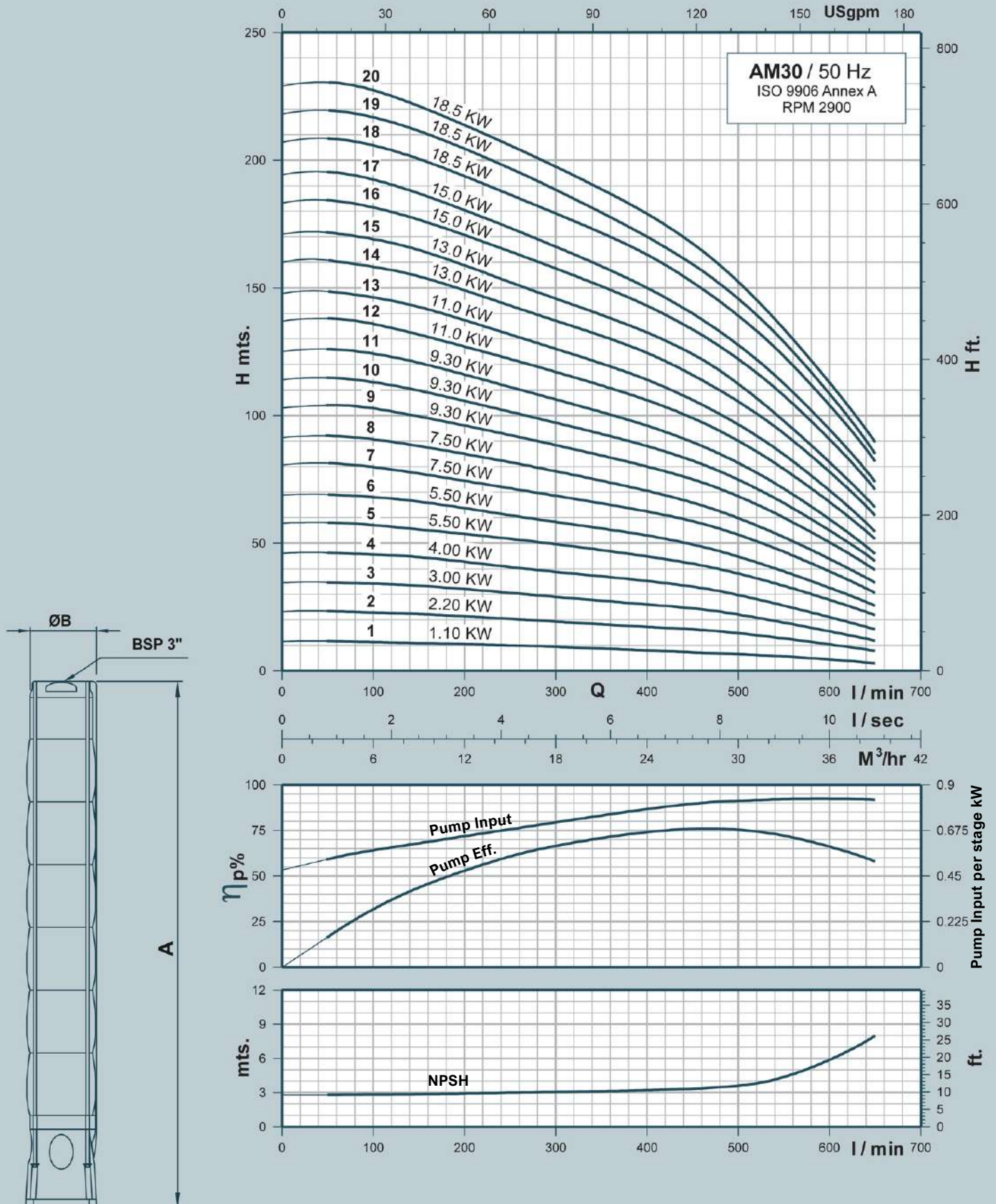
Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)							
					M³/hr	0	7.9	16	24	28	32	39
					L/min	0	133	267	400	467	533	650
4"	AM30-1	1	1.10	1.50	Head (H) mtr.	12	11	10	8	7	6	3
	AM30-2	2	2.20	3.00		23	23	20	17	16	13	8
	AM30-3	3	3.00	4.00		35	34	30	26	24	20	12
	AM30-4	4	4.00	5.50		46	45	40	35	32	27	16
	AM30-5	5	5.50	7.50		58	56	51	45	41	35	22
	AM30-6	6	5.50	7.50		69	67	60	53	48	41	26
4" & 6"	AM30-7	7	7.50	10.00		81	78	71	62	57	49	31
	AM30-8	8	7.50	10.00		91	89	81	71	64	55	35
6"	AM30-9	9	9.30	12.50		103	101	91	80	73	63	40
	AM30-10	10	9.30	12.50		114	111	100	88	80	69	43
	AM30-11	11	9.30	12.50		125	122	110	96	87	75	46
	AM30-12	12	11.00	15.00		137	133	120	106	96	83	52
	AM30-13	13	11.00	15.00		148	144	130	114	103	89	55
	AM30-14	14	13.00	17.50		160	156	141	125	113	98	61
	AM30-15	15	13.00	17.50		171	167	150	133	121	103	64
	AM30-16	16	15.00	20.00		183	179	162	143	130	113	71
	AM30-17	17	15.00	20.00		194	189	171	150	136	118	74
	AM30-18	18	18.50	25.00		207	203	184	163	148	129	82
	AM30-19	19	18.50	25.00		218	214	194	170	155	135	85
	AM30-20	20	18.50	25.00		229	224	203	179	163	141	90

In view of continuous developments, the descriptions, specifications, illustrations and other information provided are subject to change without prior notice.

Performance Curve



Dimension & Weight

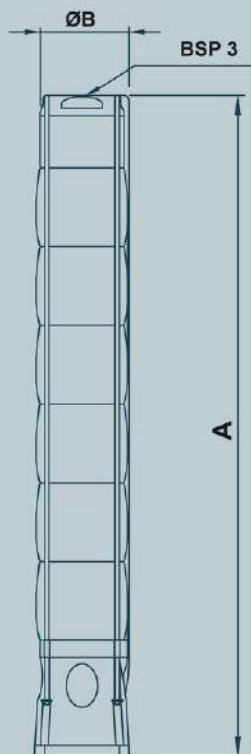
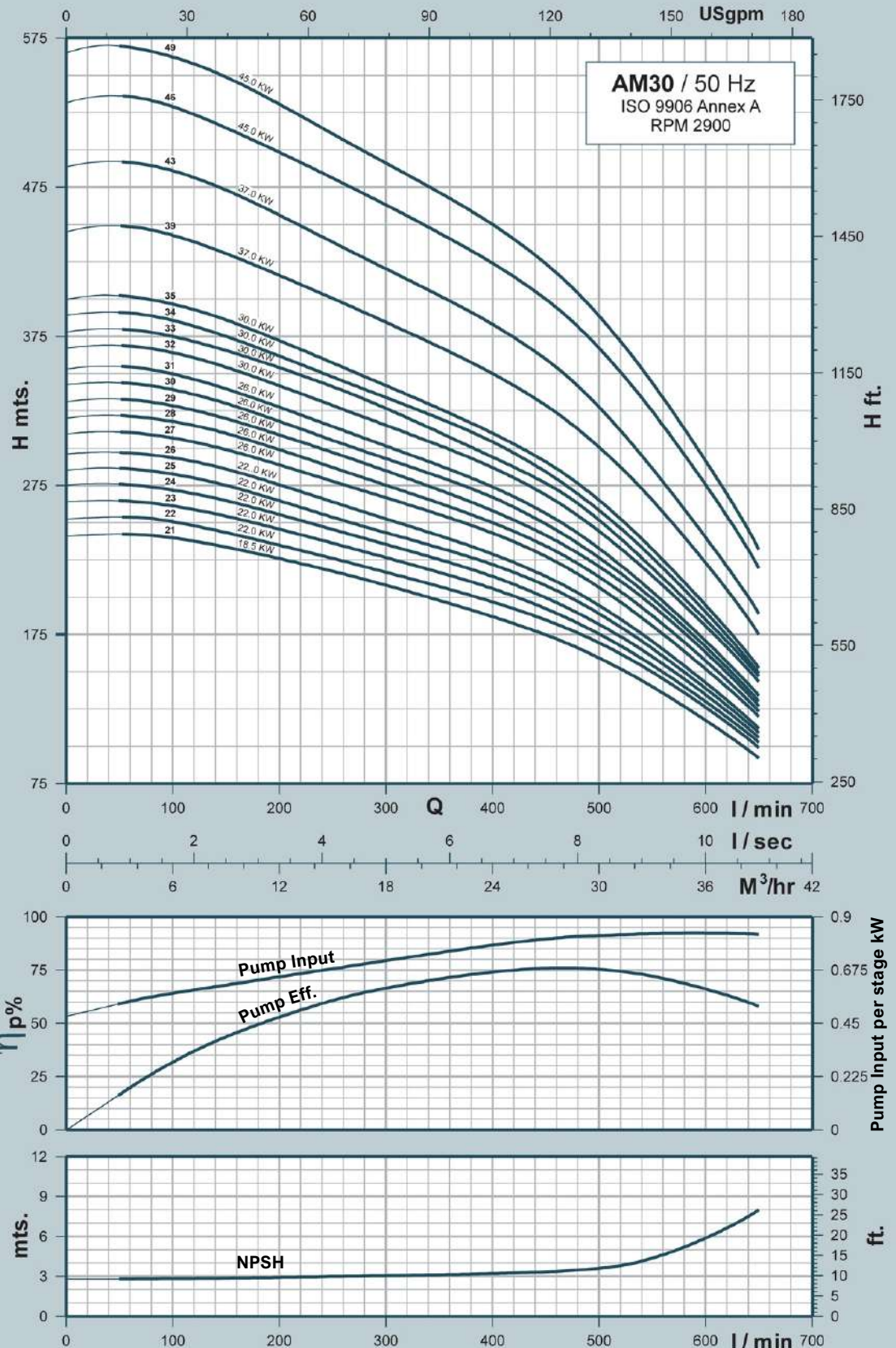
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM30-21	21	18.50	25.00	6"	RP / NPT 3"	2290	142	44	51
AM30-22	22	22.00	30.00	6"		2386	142	46	52
AM30-23	23	22.00	30.00	6"		2482	142	47	54
AM30-24	24	22.00	30.00	6"		2578	142	49	56
AM30-25	25	22.00	30.00	6"		2674	142	51	58
AM30-26	26	22.00	30.00	6"		2770	142	52	60
AM30-27	27	26.00	35.00	6"		2866	142	54	62
AM30-28	28	26.00	35.00	6"		2962	142	56	64
AM30-29	29	26.00	35.00	6"		3058	142	57	66
AM30-30	30	26.00	35.00	6"		3154	142	59	68
AM30-31	31	26.00	35.00	6"		3250	142	61	70
AM30-32	32	30.00	40.00	6"		3346	142	62	72
AM30-33	33	30.00	40.00	6"		3442	142	64	74
AM30-34	34	30.00	40.00	6"		3538	142	66	75
AM30-35	35	30.00	40.00	6"		3634	142	67	77
AM30-39	39	37.00	50.00	6"		4018	142	74	85
AM30-43	43	37.00	50.00	6"		4402	175	81	93
AM30-46	46	45.00	60.00	6"		4690	190	86	99
AM30-49	49	45.00	60.00	6"		4978	190	91	104

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)							
					M³/hr	0	7.9	16	24	28	32	39
					L/min	0	133	267	400	467	533	650
6"	AM30-21	21	18.50	25.00	Head (H) mtr.	241	236	214	187	170	147	92
	AM30-22	22	22.00	30.00		252	246	223	197	180	157	99
	AM30-23	23	22.00	30.00		264	257	233	206	187	162	103
	AM30-24	24	22.00	30.00		275	268	242	214	194	168	106
	AM30-25	25	22.00	30.00		285	278	250	222	202	174	109
	AM30-26	26	22.00	30.00		296	289	260	229	208	179	112
	AM30-27	27	26.00	35.00		310	302	274	243	221	190	120
	AM30-28	28	26.00	35.00		320	313	283	250	228	197	123
	AM30-29	29	26.00	35.00		331	323	293	258	235	204	127
	AM30-30	30	26.00	35.00		343	334	301	267	242	209	130
	AM30-31	31	26.00	35.00		353	344	310	274	249	214	134
	AM30-32	32	30.00	40.00		367	358	324	287	261	225	143
	AM30-33	33	30.00	40.00		378	369	337	294	269	231	147
	AM30-34	34	30.00	40.00		389	379	343	304	276	238	146
	AM30-35	35	30.00	40.00		400	390	352	310	283	244	153
8"	AM30-39	39	37.00	50.00		445	435	395	350	320	278	175
	AM30-43	43	37.00	50.00		489	478	432	383	350	301	189
	AM30-46	46	45.00	60.00		532	520	475	424	390	340	220
	AM30-49	49	45.00	60.00		565	554	504	450	413	360	232

Performance Curve



AM30/43 to AM30/49 is
mounted in Sleeve /
Adapter optional

Dimension & Weight

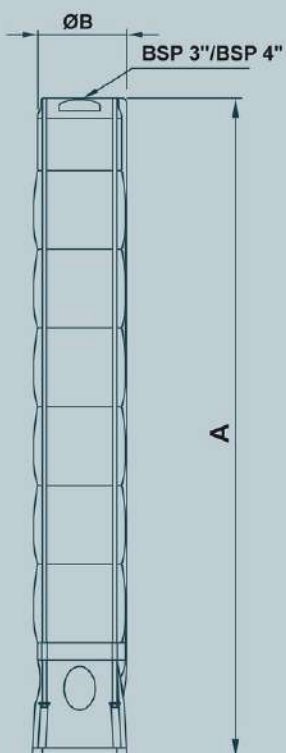
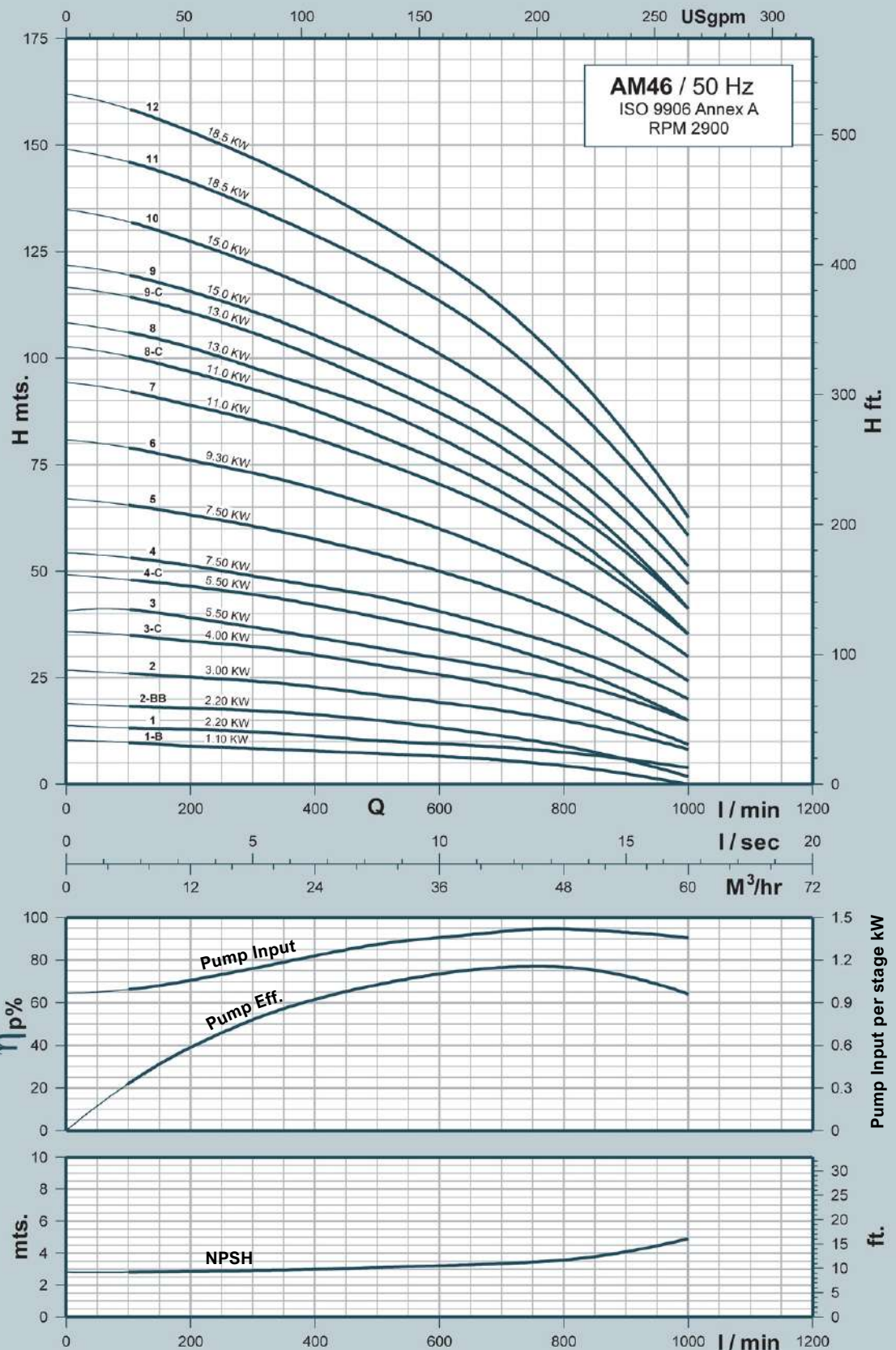
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM46-1-B	1-B	1.10	1.50	4"	RP / NPT 3" / 4"	392	146	8	10
AM46-1	1	2.20	3.00	4"		392	146	8	10
AM46-2-BB	2-BB	2.20	3.00	4"		505	146	10	13
AM46-2	2	3.00	4.00	4"		505	146	10	13
AM46-3-C	3-C	4.00	5.50	4"		618	146	13	15
AM46-3	3	5.50	7.50	4"		618	146	13	15
AM46-4-C	4-C	5.50	7.50	4"		731	146	15	18
AM46-4	4	7.50	10.00	4"		731	146	15	18
AM46-5	5	7.50	10.00	4"		844	146	18	21
AM46-4	4	7.50	10.00	6"		731	148	15	18
AM46-5	5	7.50	10.00	6"		844	148	18	21
AM46-6	6	9.30	12.50	6"		857	148	20	24
AM46-7	7	11.00	15.00	6"		1070	148	22	26
AM46-8-C	8-C	11.00	15.00	6"		1183	148	25	29
AM46-8	8	13.00	17.50	6"		1183	148	25	29
AM46-9-C	9-C	13.00	17.50	6"		1296	148	27	32
AM46-9	9	15.00	20.00	6"		1296	148	27	32
AM46-10	10	15.00	20.00	6"		1409	148	30	35
AM46-11	11	18.50	25.00	6"		1522	148	32	37
AM46-12	12	18.50	25.00	6"		1635	148	34	40

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP		FLOW (Q)							
						M³/hr	0	10	20.2	30	40	50	60
						L/min	0	167	337	500	667	834	1000
4"	AM46-1-B	1-B	1.10	1.50	Head (H) mtr.	10	9	8	7	6	4	-	
	AM46-1	1	2.20	3.00		14	13	12	10	9	7	4	
	AM46-2-BB	2-BB	2.20	3.00		19	18	17	15	12	8	2	
	AM46-2	2	3.00	4.00		27	25	24	21	18	14	8	
	AM46-3-C	3-C	4.00	5.50		36	34	32	28	24	18	9	
	AM46-3	3	5.50	7.50		41	40	36	32	28	23	15	
	AM46-4-C	4-C	5.50	7.50		49	47	44	39	34	26	15	
4" & 6"	AM46-4	4	7.50	10.00		54	52	48	44	38	31	20	
	AM46-5	5	7.50	10.00		67	64	60	54	47	38	24	
6"	AM46-6	6	9.30	12.50		81	77	72	65	56	45	30	
	AM46-7	7	11.00	15.00		94	90	84	76	66	53	35	
	AM46-8-C	8-C	11.00	15.00		103	98	91	82	71	56	35	
	AM46-8	8	13.00	17.50		108	104	96	88	76	62	41	
	AM46-9-C	9-C	13.00	17.50		117	112	104	94	82	65	41	
	AM46-9	9	15.00	20.00		122	117	109	99	87	70	47	
	AM46-10	10	15.00	20.00		135	129	120	109	95	76	51	
	AM46-11	11	18.50	25.00		149	143	133	122	107	86	58	
	AM46-12	12	18.50	25.00		162	155	144	132	116	94	63	

Performance Curve



Dimension & Weight

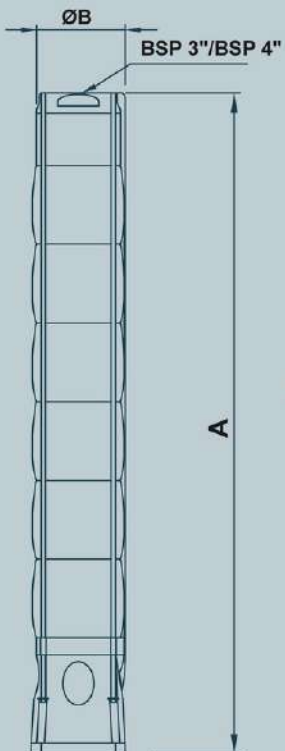
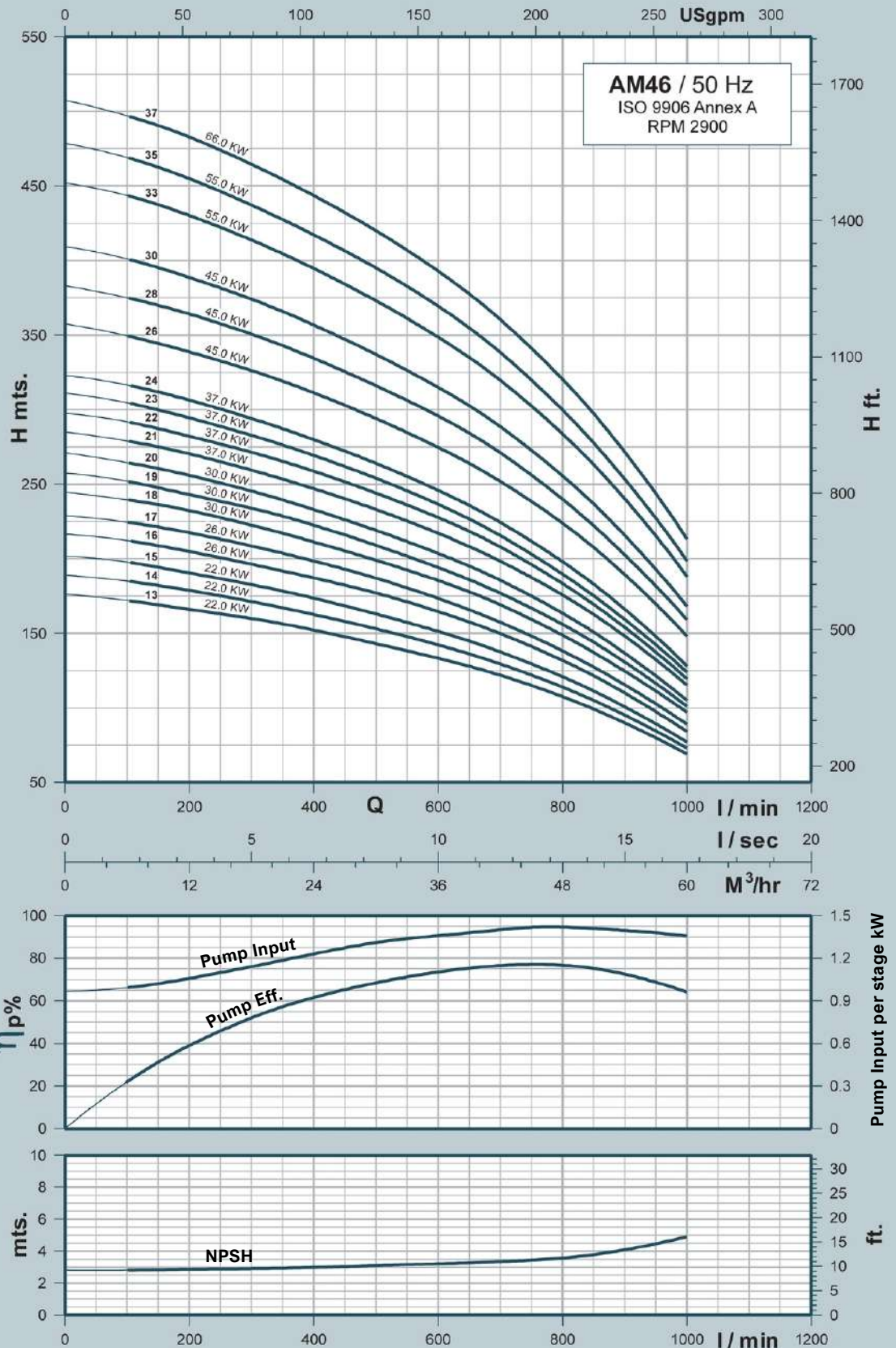
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM46-13	13	22.00	30.00	6"	RP / NPT 3" / 4"	1748	148	37	43
AM46-14	14	22.00	30.00	6"		1861	148	39	46
AM46-15	15	22.00	30.00	6"		1974	148	42	48
AM46-16	16	26.00	35.00	6"		2087	148	44	51
AM46-17	17	26.00	35.00	6"		2200	148	47	54
AM46-18	18	30.00	40.00	6"		2313	148	49	57
AM46-19	19	30.00	40.00	6"		2426	148	51	59
AM46-20	20	30.00	40.00	6"		2539	148	54	62
AM46-21	21	37.00	50.00	6"		2552	148	56	65
AM46-22	22	37.00	50.00	6"		2765	148	59	68
AM46-23	23	37.00	50.00	6"		2878	148	61	70
AM46-24	24	37.00	50.00	6"		2991	148	63	73
AM46-26	26	45.00	60.00	8"		3217	190	68	79
AM46-28	28	45.00	60.00	8"		3443	190	73	84
AM46-30	30	45.00	60.00	8"		3669	190	78	90
AM46-33	33	55.00	75.00	8"		4008	190	85	98
AM46-35	35	55.00	75.00	8"		4234	190	90	103
AM46-37	37	66.00	90.00	8"		4460	190	95	109

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)							
					M³/hr	0	10	20.2	30	40	50	60
					L/min	0	167	337	500	667	834	1000
6"	AM46-13	13	22.00	30.00	Head (H) mtr.	176	168	157	143	126	102	69
	AM46-14	14	22.00	30.00		189	181	168	153	134	108	73
	AM46-15	15	22.00	30.00		202	193	180	163	142	115	77
	AM46-16	16	26.00	35.00		217	208	193	177	155	125	84
	AM46-17	17	26.00	35.00		229	220	205	187	163	131	89
	AM46-18	18	30.00	40.00		245	235	219	199	175	141	97
	AM46-19	19	30.00	40.00		258	246	230	209	183	148	101
	AM46-20	20	30.00	40.00		271	259	241	219	192	155	105
	AM46-21	21	37.00	50.00		285	274	255	233	205	167	115
	AM46-22	22	37.00	50.00		298	286	267	244	215	174	120
	AM46-23	23	37.00	50.00		311	298	278	254	223	180	124
	AM46-24	24	37.00	50.00		323	310	289	264	232	188	128
8"	AM46-26	26	45.00	60.00		358	343	321	294	260	213	148
	AM46-28	28	45.00	60.00		383	368	345	316	280	228	159
	AM46-30	30	45.00	60.00		410	393	368	337	298	243	168
	AM46-33	33	55.00	75.00		452	435	407	373	330	270	188
	AM46-35	35	55.00	75.00		479	460	430	395	350	285	199
	AM46-37	37	66.00	90.00		508	488	457	420	372	305	213

Performance Curve



AM46/33 to AM46/37 is
mounted in Sleeve /
Adapter optional

Dimension & Weight

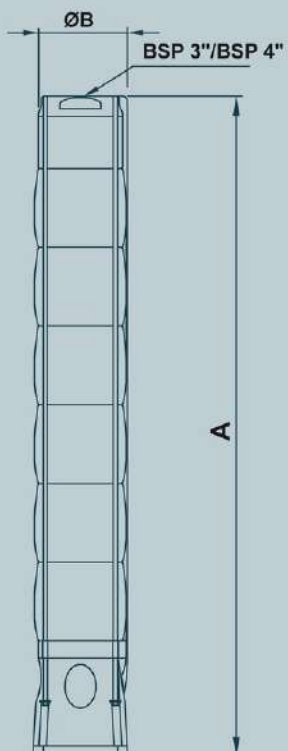
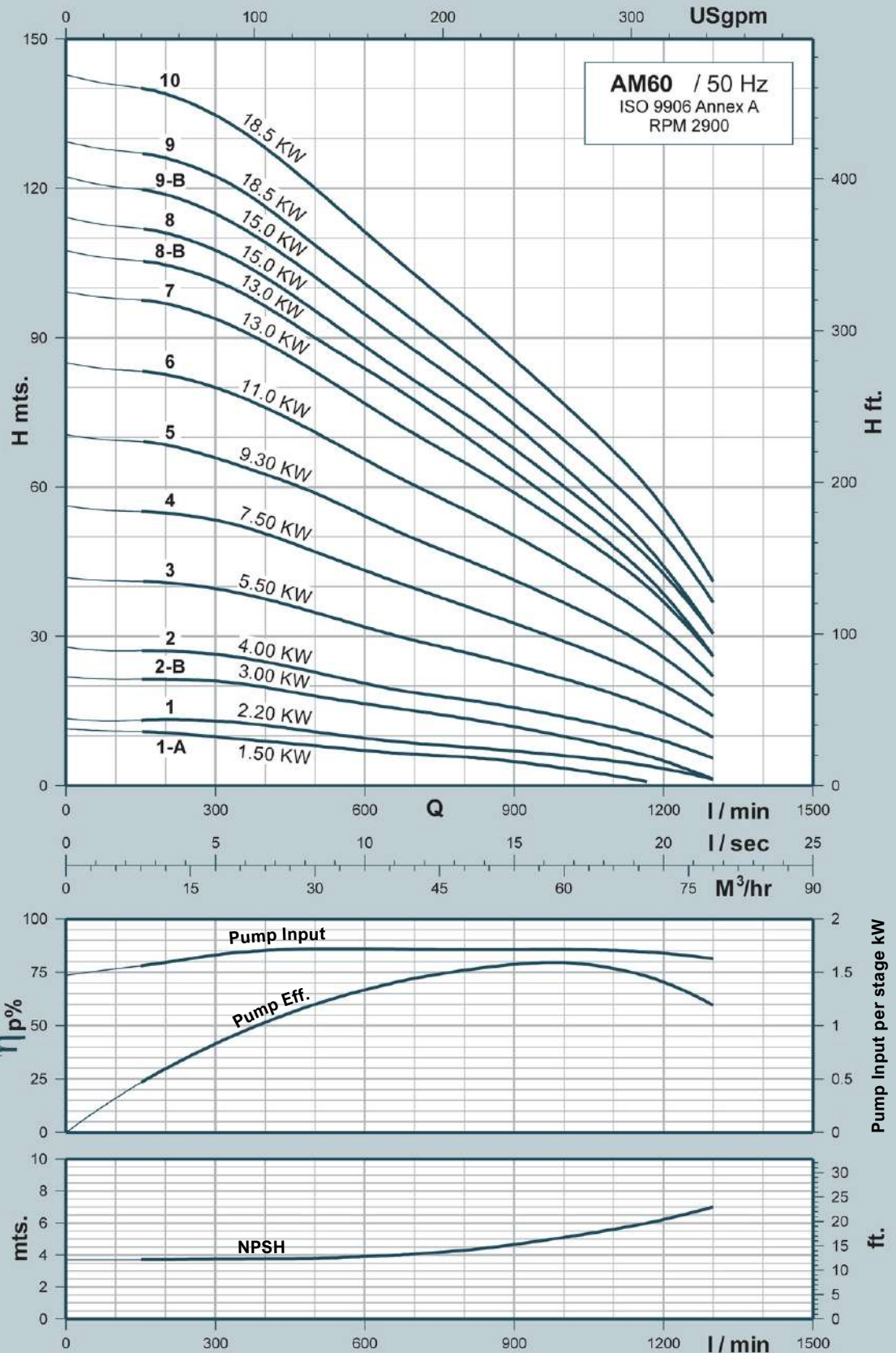
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM60-1-A	1-A	1.50	2.00	4"	RP / NPT 3" / 4"	392	146	8	10
AM60-1	1	2.20	3.00	4"		392	146	8	10
AM60-2-B	2-B	3.00	4.00	4"		505	146	10	13
AM60-2	2	4.00	5.50	4"		505	146	10	13
AM60-3	3	5.50	7.50	4"		618	146	13	15
AM60-4	4	7.50	10.00	4"		731	146	15	18
AM60-4	4	7.50	10.00	6"		731	148	15	18
AM60-5	5	9.30	12.50	6"		844	148	18	21
AM60-6	6	11.00	15.00	6"		957	148	20	24
AM60-7	7	13.00	17.50	6"		1070	148	22	26
AM60-8-B	8-B	13.00	17.50	6"		1183	148	25	29
AM60-8	8	15.00	20.00	6"		1183	148	25	29
AM60-9-B	9-B	15.00	20.00	6"		1296	148	27	32
AM60-9	9	18.50	25.00	6"		1296	148	27	32
AM60-10	10	18.50	25.00	6"		1409	148	30	35

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP		FLOW (Q)							
						M³/hr	0	20	30	40	50	70	78
						L/min	0	333	500	667	833	1167	1300
4"	AM60-1-A	1-A	1.50	2.00	Head (H) mtr.	11	10	8	7	6	1	-	
	AM60-1	1	2.20	3.00		14	13	11	9	8	4	1	
	AM60-2-B	2-B	3.00	4.00		22	21	18	16	13	6	1	
	AM60-2	2	4.00	5.50		28	26	23	19	17	10	6	
	AM60-3	3	5.50	7.50		42	39	35	30	26	16	10	
4" & 6"	AM60-4	4	7.50	10.00		56	53	47	41	35	22	14	
6"	AM60-5	5	9.30	12.50		71	65	59	51	44	28	18	
	AM60-6	6	11.00	15.00		85	79	71	62	54	34	22	
	AM60-7	7	13.00	17.50		99	92	83	73	63	40	26	
	AM60-8-B	8-B	13.00	17.50		108	100	90	80	98	42	26	
	AM60-8	8	15.00	20.00		114	106	95	84	73	46	31	
	AM60-9-B	9-B	15.00	20.00		122	113	102	90	78	48	31	
	AM60-9	9	18.50	25.00		129	121	109	96	83	54	37	
	AM60-10	10	18.50	25.00		143	133	120	106	92	60	41	

Performance Curve



Dimension & Weight

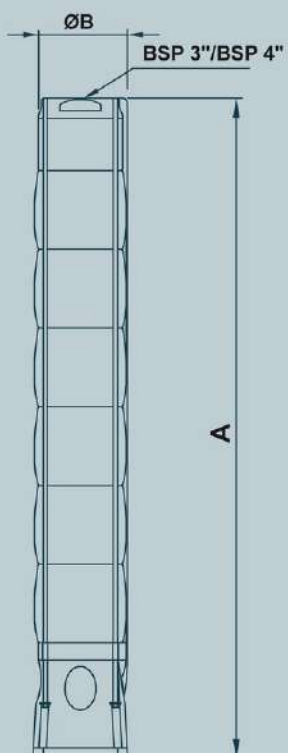
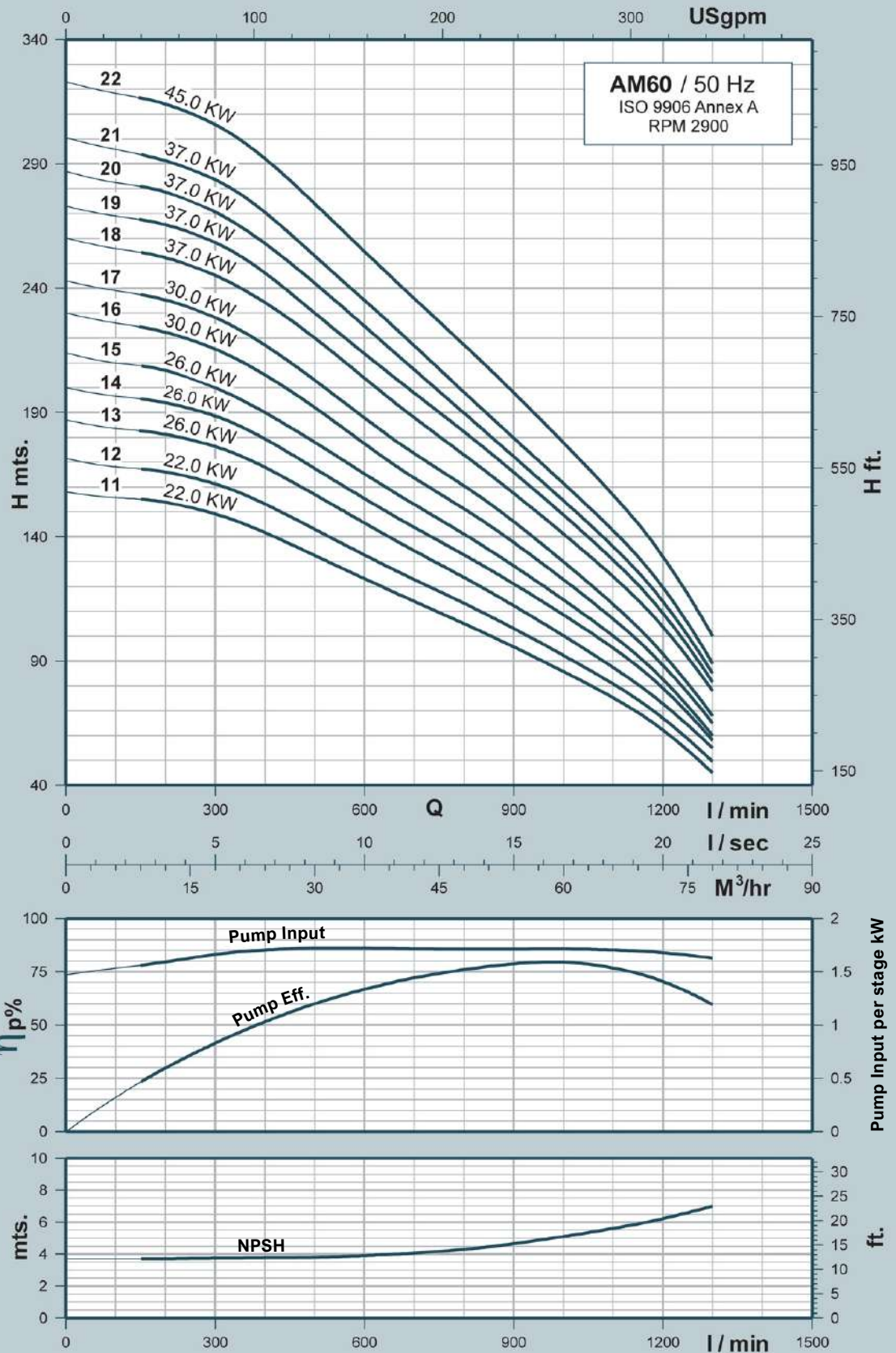
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM60-11	11	22.00	30.00	6"	RP / NPT 3" / 4"	1522	148	32	37
AM60-12	12	22.00	30.00	6"		1635	148	34	40
AM60-13	13	26.00	35.00	6"		1748	148	37	43
AM60-14	14	26.00	35.00	6"		1861	148	39	46
AM60-15	15	26.00	35.00	6"		1974	148	42	48
AM60-16	16	30.00	40.00	6"		2087	148	44	51
AM60-17	17	30.00	40.00	6"		2200	148	47	54
AM60-18	18	37.00	50.00	6"		2313	148	49	57
AM60-19	19	37.00	50.00	6"		2426	148	51	59
AM60-20	20	37.00	50.00	6"		2539	148	54	62
AM60-21	21	37.00	50.00	6"		2652	148	56	65
AM60-22	22	45.00	60.00	6"		2765	190	59	68

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)							
					M ³ /hr	0	20	30	40	50	70	78
					L/min	0	333	500	667	833	1167	1300
6"	AM60-11	11	22.00	30.00	Head (H) mtr.	158	147	133	117	102	67	45
	AM60-12	12	22.00	30.00		172	159	143	126	110	72	50
	AM60-13	13	26.00	35.00		187	174	157	138	120	78	55
	AM60-14	14	26.00	35.00		200	186	168	148	129	85	58
	AM60-15	15	26.00	35.00		214	197	178	157	137	89	60
	AM60-16	16	30.00	40.00		230	213	192	168	147	95	65
	AM60-17	17	30.00	40.00		243	225	203	178	156	100	68
	AM60-18	18	37.00	50.00		260	242	220	193	168	111	78
	AM60-19	19	37.00	50.00		273	255	230	203	177	117	82
	AM60-20	20	37.00	50.00		287	267	242	213	184	122	85
	AM60-21	21	37.00	50.00		301	280	253	223	192	128	89
8"	AM60-22	22	45.00	60.00		323	302	274	242	211	141	100

Performance Curve



Dimension & Weight

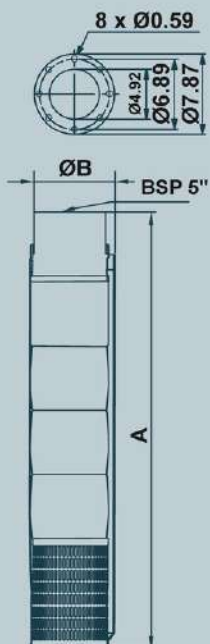
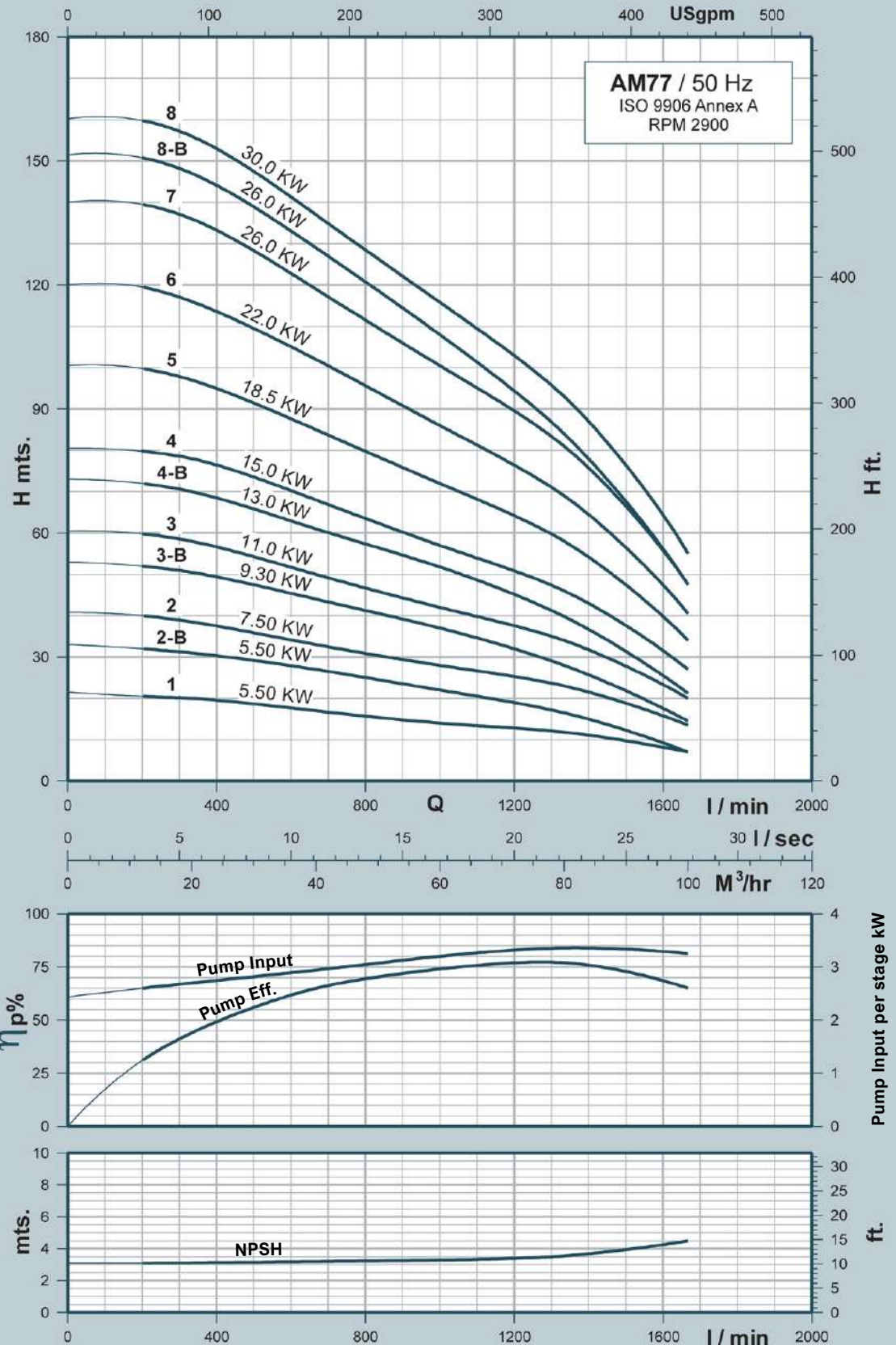
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM77-1	1	5.50	7.50	6"	RP / NPT 5"	618	178	23	26
AM77-2-B	2-B	5.50	7.50	6"		746	178	26	30
AM77-2	2	7.50	10.00	6"		746	178	26	30
AM77-3-B	3-B	9.30	12.50	6"		874	178	30	34
AM77-3	3	11.00	15.00	6"		874	178	30	34
AM77-4-B	4-B	13.00	17.50	6"		1002	178	33	38
AM77-4	4	15.00	20.00	6"		1002	178	33	38
AM77-5	5	18.50	25.00	6"		1130	178	37	42
AM77-6	6	22.00	30.00	6"		1258	178	41	46
AM77-7	7	26.00	35.00	6"		1386	178	44	50
AM77-8-B	8-B	26.00	35.00	6"		1514	178	48	54
AM77-8	8	30.00	40.00	6"		1514	178	48	54

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M ³ /hr	0	20	40	60	80	100
					L/min	0	333	667	1000	1334	1667
6"	AM77-1	1	5.50	7.50	Head (H) mtr.	22	20	17	14	12	7
	AM77-2-B	2-B	5.50	7.50		33	31	27	22	17	7
	AM77-2	2	7.50	10.00		41	39	33	28	23	14
	AM77-3-B	3-B	9.30	12.50		53	51	44	37	28	15
	AM77-3	3	11.00	15.00		61	58	50	42	34	20
	AM77-4-B	4-B	13.00	17.50		73	70	61	52	40	21
	AM77-4	4	15.00	20.00		81	78	68	57	46	27
	AM77-5	5	18.50	25.00		101	97	85	72	58	34
	AM77-6	6	22.00	30.00		120	116	102	86	69	41
	AM77-7	7	26.00	35.00		140	136	119	101	81	48
	AM77-8-B	8-B	26.00	35.00		152	147	129	108	84	48
	AM77-8	8	30.00	40.00		160	156	137	116	93	55

Performance Curve



Dimension & Weight

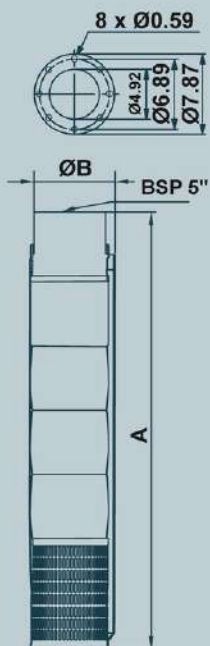
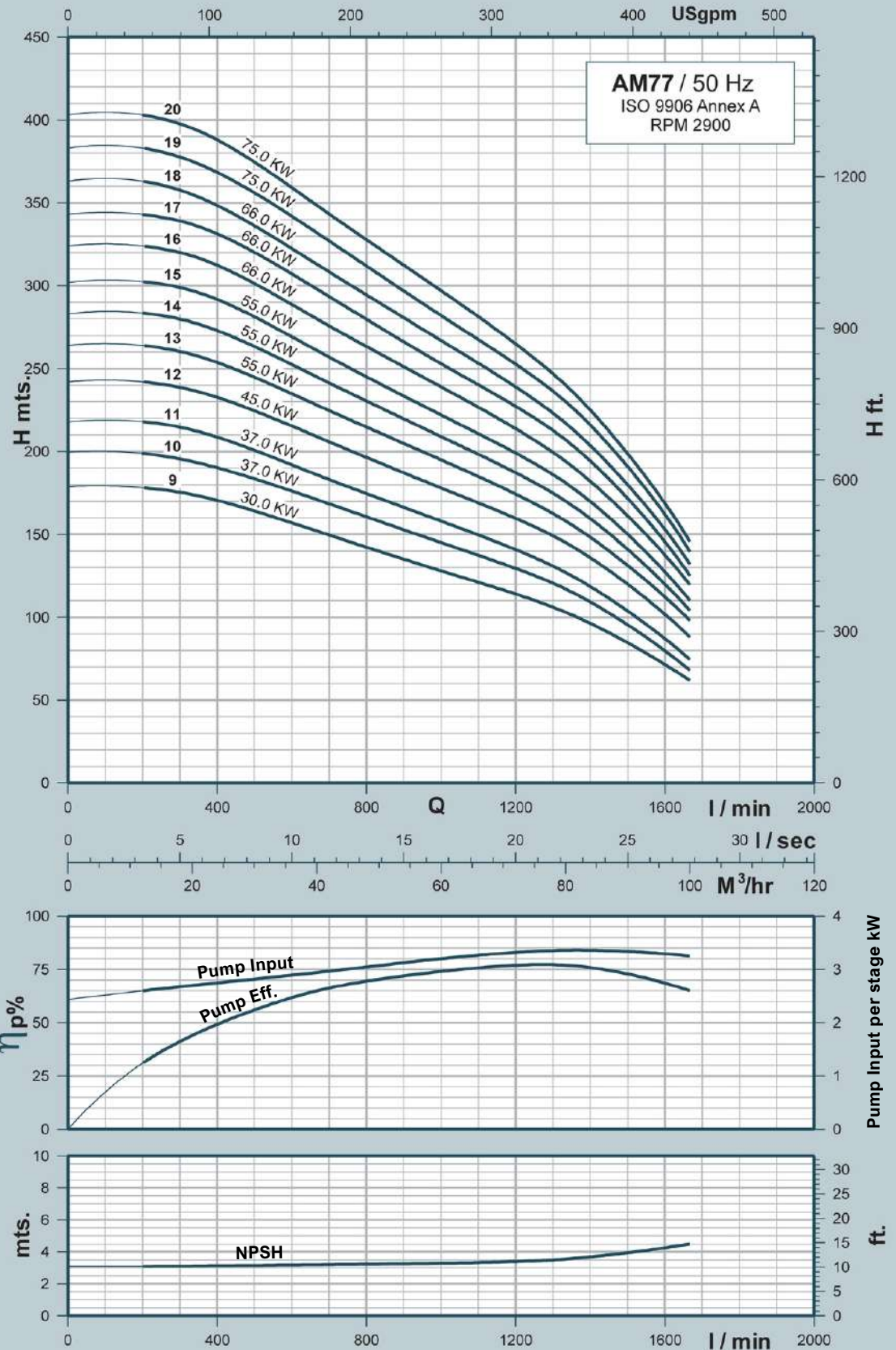
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM77-9	9	30.00	40.00	6"	RP / NPT 5"	1657	178	51	59
AM77-10	10	37.00	50.00	6"		1785	178	55	63
AM77-11	11	37.00	50.00	6"		1913	178	59	67
AM77-12	12	45.00	60.00	8"		2041	200	62	71
AM77-13	13	55.00	75.00	8"		2169	200	66	75
AM77-14	14	55.00	75.00	8"		2297	200	69	79
AM77-15	15	55.00	75.00	8"		2425	200	73	83
AM77-16	16	66.00	90.00	8"		2553	200	77	87
AM77-17	17	66.00	90.00	8"		2681	200	80	91
AM77-18	18	66.00	90.00	8"		2809	200	84	95
AM77-19	19	75.00	100.00	8"		2937	200	87	99
AM77-20	20	75.00	100.00	8"		3065	200	91	103

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M ³ /hr	0	20	40	60	80	100
					L/min	0	333	667	1000	1334	1667
6"	AM77-9	9	30.00	40.00	Head (H) mtr.	179	174	152	128	103	62
	AM77-10	10	37.00	50.00		200	194	171	145	117	68
	AM77-11	11	37.00	50.00		218	213	186	158	127	75
8"	AM77-12	12	45.00	60.00		242	237	209	178	145	88
	AM77-13	13	55.00	75.00		264	259	228	195	158	98
	AM77-14	14	55.00	75.00		283	278	245	209	170	104
	AM77-15	15	55.00	75.00		302	297	261	222	181	110
	AM77-16	16	66.00	90.00		324	318	280	239	194	120
	AM77-17	17	66.00	90.00		343	337	298	253	207	125
	AM77-18	18	66.00	90.00		363	355	313	267	217	132
	AM77-19	19	75.00	100.00		383	375	332	282	230	140
	AM77-20	20	75.00	100.00		403	395	349	297	240	146

Performance Curve



Dimension & Weight

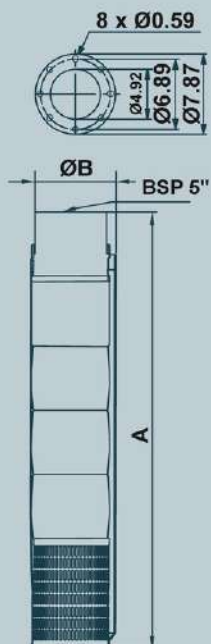
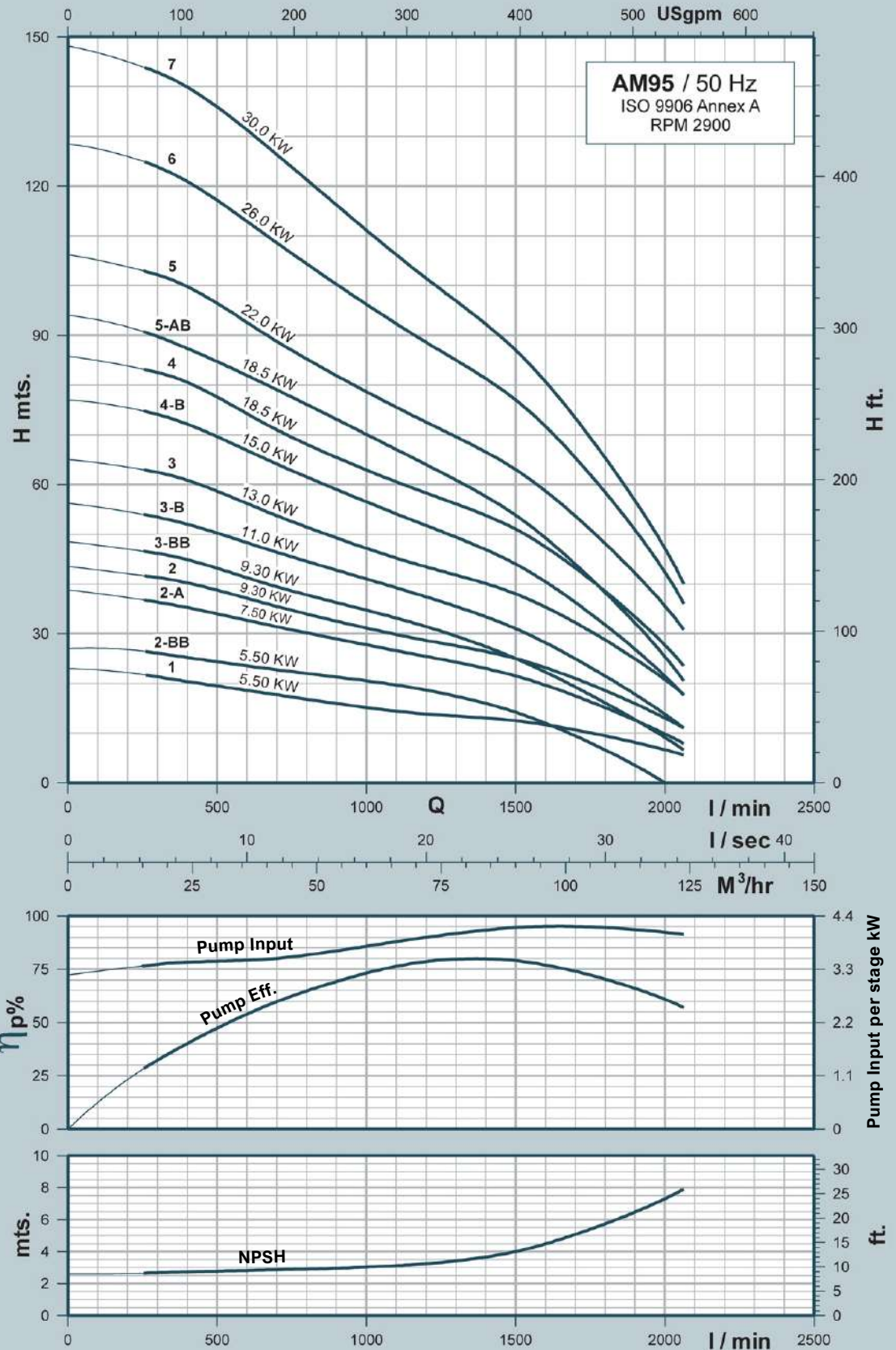
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM95-1	1	5.50	7.50	6"	RP / NPT 5"	618	178	23	26
AM95-2-BB	2-BB	5.50	7.50	6"		746	178	26	30
AM95-2-A	2-A	7.50	10.00	6"		746	178	26	30
AM95-2	2	9.30	12.50	6"		746	178	26	30
AM95-3-BB	3-BB	9.30	12.50	6"		874	178	30	34
AM95-3-B	3-B	11.00	15.00	6"		874	178	30	34
AM95-3	3	13.00	17.50	6"		874	178	30	34
AM95-4-B	4-B	15.00	20.00	6"		1002	178	33	38
AM95-4	4	18.50	25.00	6"		1002	178	33	38
AM95-5-AB	5-AB	18.50	25.00	6"		1130	178	37	42
AM95-5	5	22.00	30.00	6"		1130	178	37	42
AM95-6	6	26.00	35.00	6"		1258	178	41	46
AM95-7	7	30.00	40.00	6"		1386	178	44	50

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M³/hr	0	20	40	70	90	123.8
					L/min	0	333	667	1167	1500	2063
6"	AM95-1	1	5.50	7.50	Head (H) mtr.	23	21	18	14	13	6
	AM95-2-BB	2-BB	5.50	7.50		27	26	23	19	14	-
	AM95-2-A	2-A	7.50	10.00		39	36	32	26	22	8
	AM95-2	2	9.30	12.50		44	41	36	29	25	11
	AM95-3-BB	3-BB	9.30	12.50		49	46	40	32	25	7
	AM95-3-B	3-B	11.00	15.00		56	53	47	38	31	11
	AM95-3	3	13.00	17.50		65	62	55	44	38	18
	AM95-4-B	4-B	15.00	20.00		77	74	65	53	44	18
	AM95-4	4	18.50	25.00		86	82	72	59	51	24
	AM95-5-AB	5-AB	18.50	25.00		94	89	80	65	54	21
	AM95-5	5	22.00	30.00		106	102	90	74	63	31
	AM95-6	6	26.00	35.00		129	123	110	90	77	36
	AM95-7	7	30.00	40.00		148	142	128	103	87	40

Performance Curve



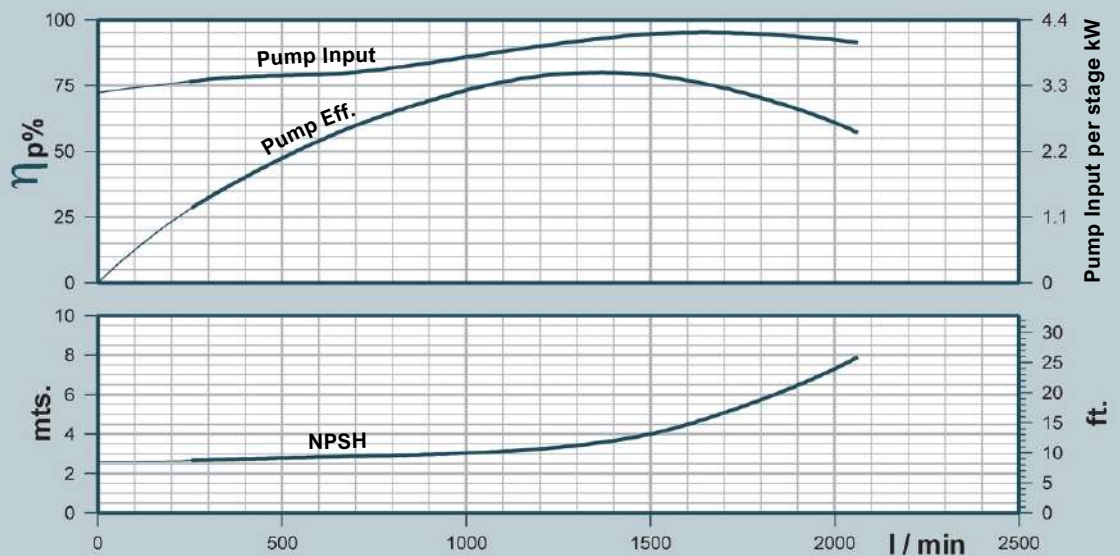
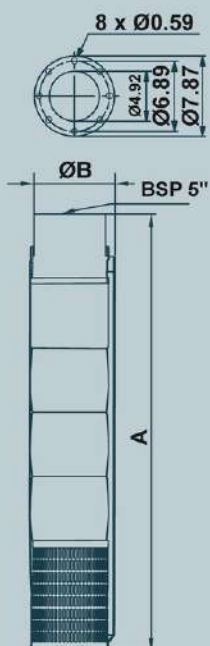
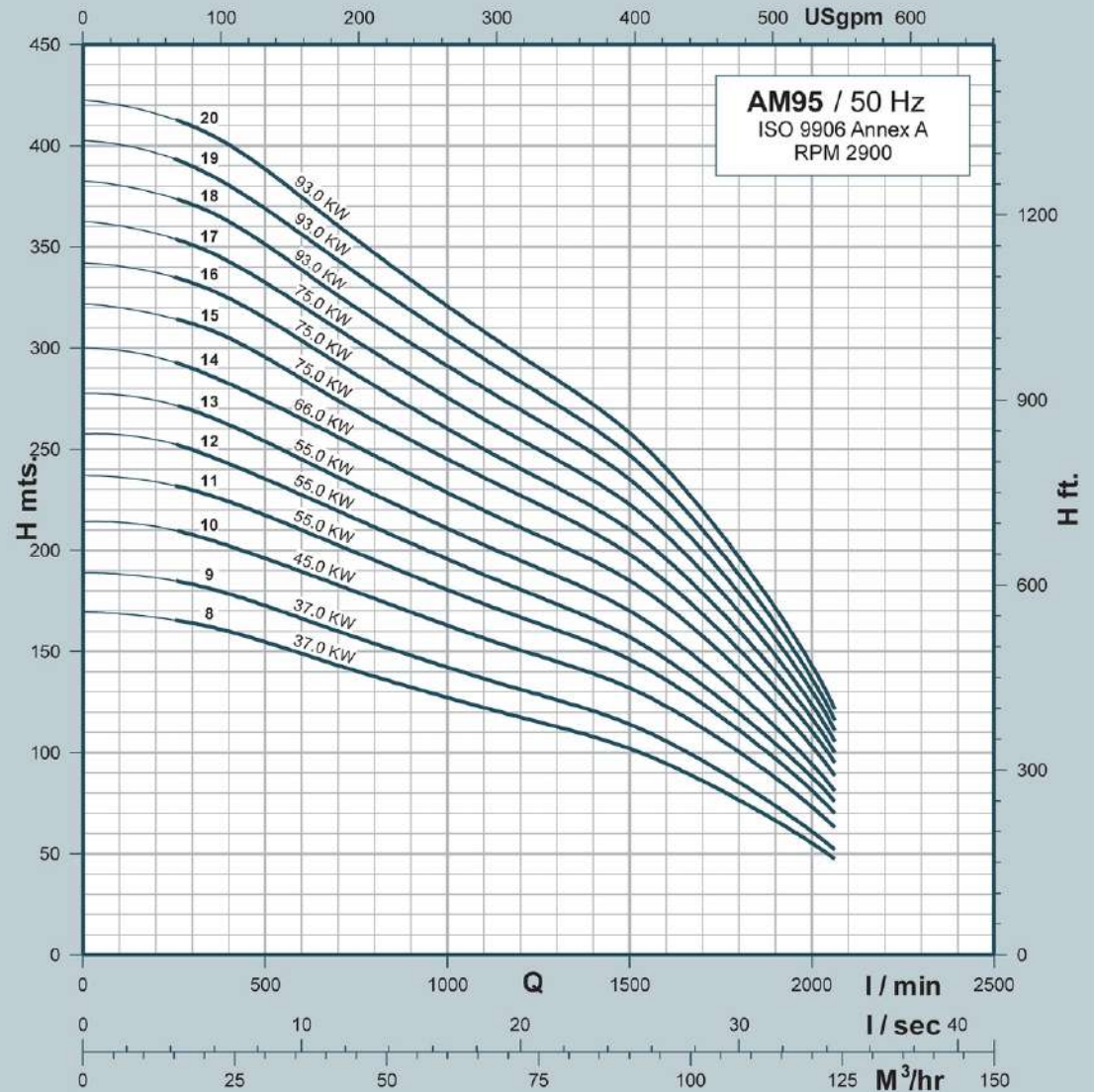
Dimension & Weight

MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM95-8	8	37.00	50.00	6"	RP / NPT 5"	1514	178	48	54
AM95-9	9	37.00	50.00	6"		1657	178	51	59
AM95-8	8	37.00	50.00	8"		1529	200	48	54
AM95-9	9	37.00	50.00	8"		1657	200	51	59
AM95-10	10	45.00	60.00	8"		1785	200	55	63
AM95-11	11	55.00	75.00	8"		1913	200	59	67
AM95-12	12	55.00	75.00	8"		2041	200	62	71
AM95-13	13	55.00	75.00	8"		2169	200	66	75
AM95-14	14	66.00	90.00	8"		2297	200	69	79
AM95-15	15	75.00	100.00	8"		2425	200	73	83
AM95-16	16	75.00	100.00	8"		2553	200	77	87
AM95-17	17	75.00	100.00	8"		2681	200	80	91
AM95-18	18	93.00	125.00	8"		2809	200	84	95
AM95-19	19	93.00	125.00	8"		2937	200	87	99
AM95-20	20	93.00	125.00	8"		3065	200	91	103

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M ³ /hr	0	20	40	70	90	123.8
					L/min	0	333	667	1167	1500	2063
6" & 8"	AM95-8	8	37.00	50.00	Head (H) mtr.	170	163	145	119	102	48
	AM95-9	9	37.00	50.00		189	182	162	133	114	52
8"	AM95-10	10	45.00	60.00		214	206	185	153	132	63
	AM95-11	11	55.00	75.00		237	228	205	169	146	70
	AM95-12	12	55.00	75.00		258	248	222	183	157	76
	AM95-13	13	55.00	75.00		278	267	239	198	170	81
	AM95-14	14	66.00	90.00		300	288	259	214	185	89
	AM95-15	15	75.00	100.00		322	310	278	230	198	95
	AM95-16	16	75.00	100.00		342	330	296	244	210	100
	AM95-17	17	75.00	100.00		363	349	313	258	223	106
	AM95-18	18	93.00	125.00		383	369	330	273	235	111
	AM95-19	19	93.00	125.00		403	387	348	287	247	116
	AM95-20	20	93.00	125.00		423	407	365	300	258	122

Performance Curve



Dimension & Weight

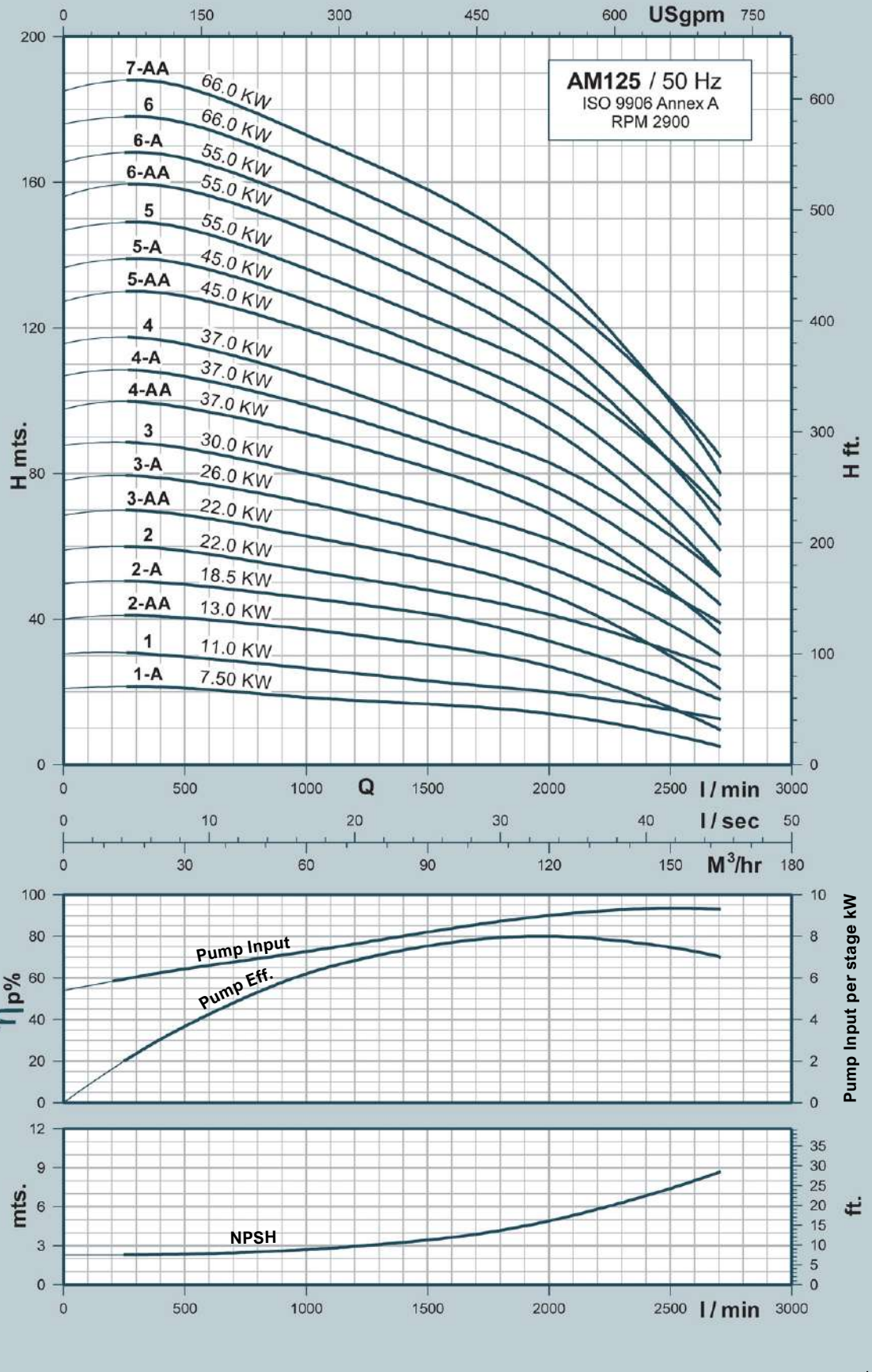
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM125-1-A	1-A	7.50	10.00	6"	RP / NPT 6"	641	211	23	26
AM125-1	1	11.00	15.00	6"		641	211	23	26
AM125-2-AA	2-AA	13.00	17.50	6"		796	211	26	30
AM125-2-A	2-A	18.50	25.00	6"		796	211	26	30
AM125-2	2	22.00	30.00	6"		796	211	26	30
AM125-3-AA	3-AA	22.00	30.00	6"		951	211	30	34
AM125-3-A	3-A	26.00	35.00	6"		951	211	30	34
AM125-3	3	30.00	40.00	6"		951	211	30	34
AM125-4-AA	4-AA	37.00	50.00	6"		1106	211	33	38
AM125-4A	4A	37.00	50.00	6"		1106	211	33	38
AM125-4	4	37.00	50.00	6"		1106	211	33	38
AM125-5-AA	5-AA	45.00	60.00	8"		1261	213	37	43
AM125-5-A	5-A	45.00	60.00	8"		1261	213	37	43
AM125-5	5	55.00	75.00	8"		1261	213	37	43
AM125-6-AA	6-AA	55.00	75.00	8"		1416	213	41	47
AM125-6-A	6-A	55.00	75.00	8"		1416	213	41	47
AM125-6	6	66.00	90.00	8"		1416	218	41	47
AM125-7-AA	7-AA	66.00	90.00	8"		1571	218	44	51

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M ³ /hr	0	40	60	100	120	162.5
					L/min	0	667	1000	1667	2000	2708
6"	AM125-1-A	1-A	7.50	10.00	Head (H) mtr.	21	21	19	16	14	5
	AM125-1	1	11.00	15.00		31	29	27	22	20	13
	AM125-2-AA	2-AA	13.00	17.50		40	39	37	31	27	10
	AM125-2-A	2-A	18.50	25.00		50	48	46	40	34	18
	AM125-2	2	22.00	30.00		59	57	54	46	41	26
	AM125-3-AA	3-AA	22.00	30.00		69	62	63	54	47	21
	AM125-3-A	3-A	26.00	35.00		78	76	72	61	54	30
	AM125-3	3	30.00	40.00		88	84	80	69	62	39
	AM125-4-AA	4-AA	37.00	50.00		98	96	91	78	69	36
	AM125-4A	4A	37.00	50.00		107	104	99	85	76	44
8"	AM125-4	4	37.00	50.00		116	113	107	91	83	52
	AM125-5-AA	5-AA	45.00	60.00		127	126	120	104	93	52
	AM125-5-A	5-A	45.00	60.00		137	134	128	110	100	59
	AM125-5	5	55.00	75.00		147	143	136	118	108	70
	AM125-6-AA	6-AA	55.00	75.00		156	154	147	127	114	66
	AM125-6-A	6-A	55.00	75.00		166	163	155	134	121	74
	AM125-6	6	66.00	90.00		176	172	164	143	130	85
	AM125-7-AA	7-AA	66.00	90.00		185	181	173	152	136	80

Performance Curve



Dimension & Weight

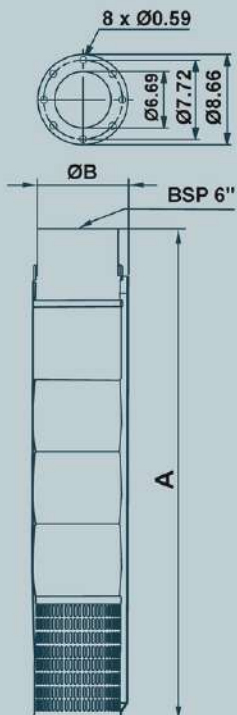
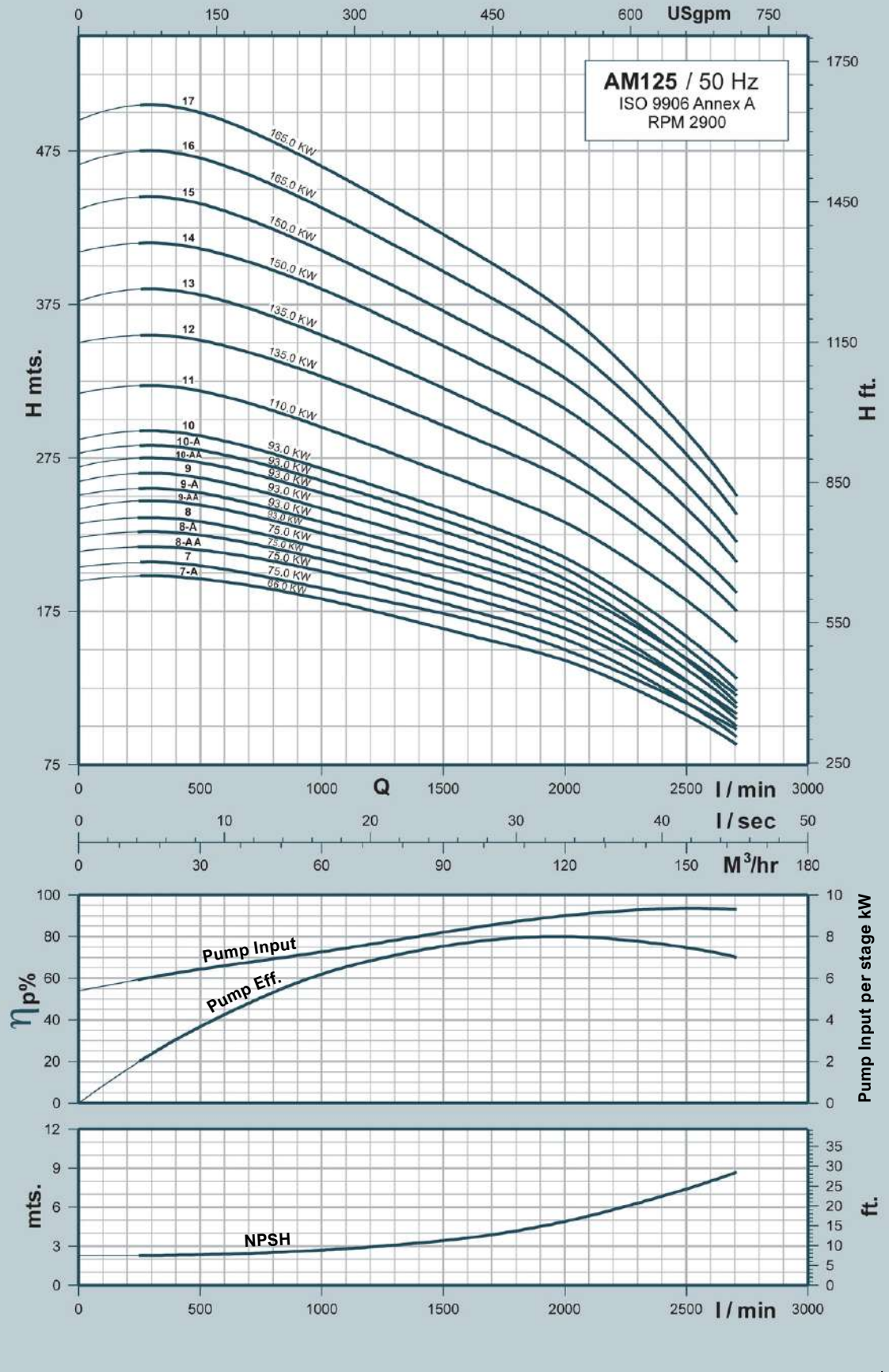
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM125-7-A	7-A	66.00	90.00	8"	RP / NPT 6"	1571	218	44	51
AM125-7	7	75.00	100.00	8"		1571	218	44	51
AM125-8-AA	8-AA	75.00	100.00	8"		1726	218	48	55
AM125-8-A	8-A	75.00	100.00	8"		1726	218	48	55
AM125-8	8	75.00	100.00	8"		1726	218	48	55
AM125-9-AA	9-AA	93.00	125.00	8"		1881	218	51	59
AM125-9-A	9-A	93.00	125.00	8"		1881	218	51	59
AM125-9	9	93.00	125.00	8"		1881	218	51	59
AM125-10-AA	10-AA	93.00	125.00	8"		2036	218	55	64
AM125-10-A	10-A	93.00	125.00	8"		2036	218	55	64
AM125-10	10	93.00	125.00	8"		2036	218	55	64
AM125-11	11	110.00	150.00	8"		2191	218	59	68
AM125-12	12	135.00	180.00	10"		2346	240	62	72
AM125-13	13	135.00	180.00	10"		2501	240	66	76
AM125-14	14	150.00	200.00	10"		2656	240	69	80
AM125-15	15	150.00	200.00	10"		2811	240	73	85
AM125-16	16	165.00	225.00	10"		2966	240	77	89
AM125-17	17	165.00	225.00	10"		3121	240	80	93

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M ³ /hr	0	40	60	100	120	162.5
					L/min	0	667	1000	1667	2000	2708
8"	AM125-7-A	7-A	66.00	90.00	Head (H) mtr.	195	192	183	157	143	88
	AM125-7	7	75.00	100.00		204	199	190	167	150	98
	AM125-8-AA	8-AA	75.00	100.00		214	209	201	173	157	93
	AM125-8-A	8-A	75.00	100.00		223	218	209	181	164	100
	AM125-8	8	75.00	100.00		232	227	216	188	170	108
	AM125-9-AA	9-AA	93.00	125.00		242	236	226	197	177	105
	AM125-9-A	9-A	93.00	125.00		251	245	233	203	184	112
	AM125-9	9	93.00	125.00		260	255	242	210	190	120
	AM125-10-AA	10-AA	93.00	125.00		269	265	252	218	196	115
	AM125-10-A	10-A	93.00	125.00		278	277	260	225	203	123
	AM125-10	10	93.00	125.00		287	282	268	232	210	131
10"	AM125-11	11	110.00	150.00		317	310	295	255	233	155
	AM125-12	12	135.00	180.00		350	342	328	285	261	175
	AM125-13	13	135.00	180.00		377	371	355	308	280	187
	AM125-14	14	150.00	200.00		409	401	395	335	307	207
	AM125-15	15	150.00	200.00		437	429	410	357	327	220
	AM125-16	16	165.00	225.00		466	459	438	382	350	238
	AM125-17	17	165.00	225.00		495	488	465	405	370	250

Performance Curve



Dimension & Weight

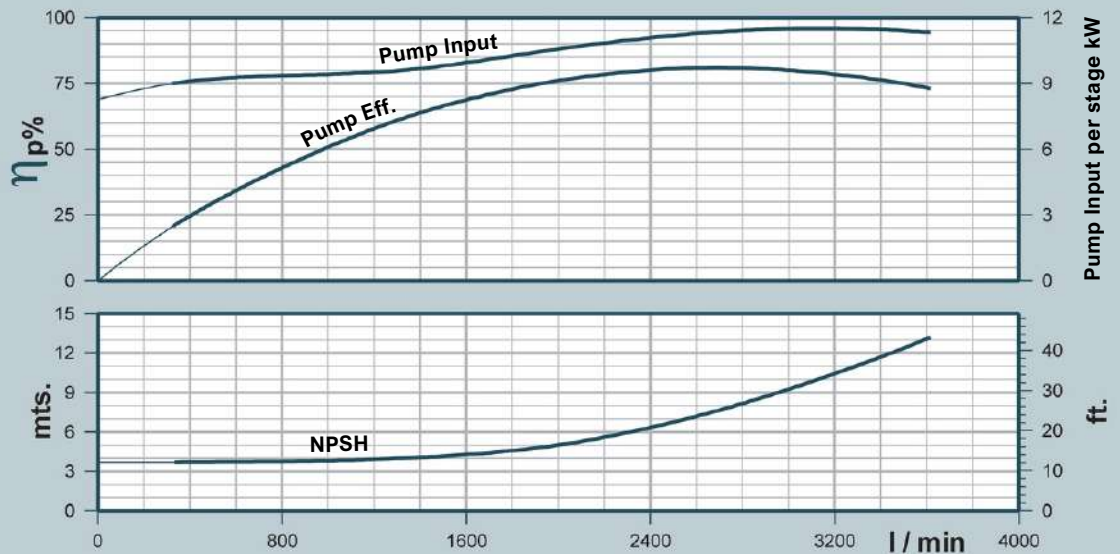
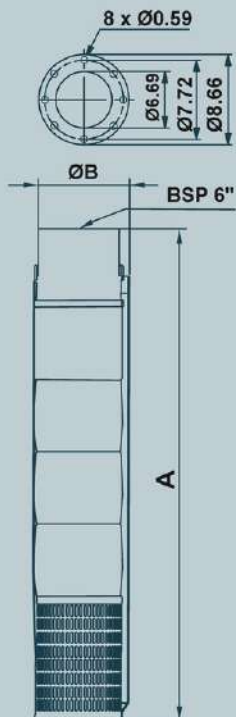
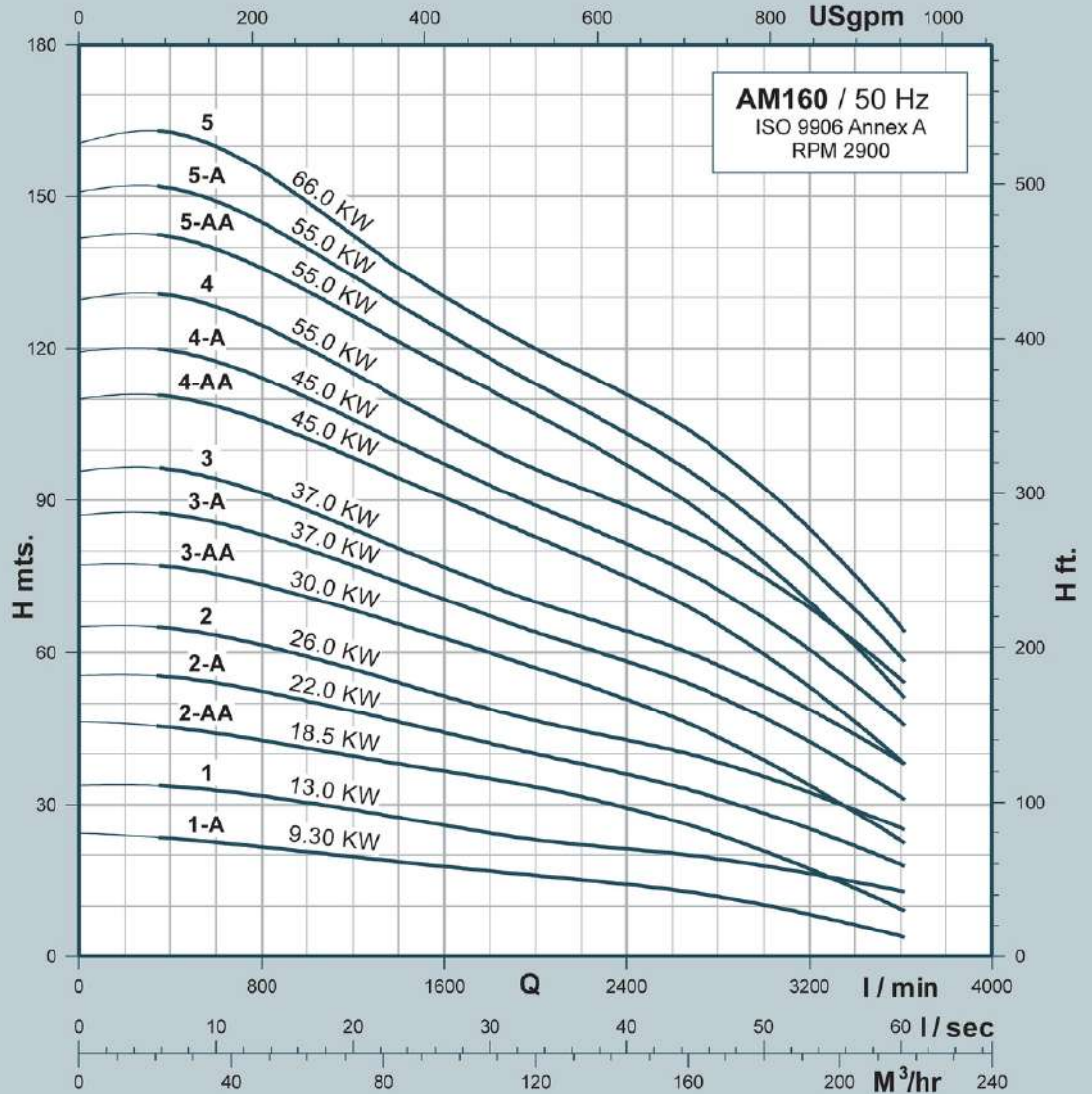
MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM160-1-A	1-A	9.30	12.50	6"	RP / NPT 6"	641	211	23	26
AM160-1	1	13.00	17.50	6"		641	211	23	26
AM160-2-AA	2-AA	18.50	25.00	6"		796	211	26	30
AM160-2-A	2-A	22.00	30.00	6"		796	211	26	30
AM160-2	2	26.00	35.00	6"		796	211	26	30
AM160-3-AA	3-AA	30.00	40.00	6"		951	211	30	34
AM160-3-A	3-A	37.00	50.00	6"		951	211	30	34
AM160-3	3	37.00	50.00	6"		951	211	30	34
AM160-4-AA	4-AA	45.00	60.00	8"		1106	218	33	38
AM160-4-A	4-A	45.00	60.00	8"		1106	218	33	38
AM160-4	4	55.00	75.00	8"		1106	218	33	38
AM160-5-AA	5-AA	55.00	75.00	8"		1261	218	37	43
AM160-5-A	5-A	55.00	75.00	8"		1261	218	37	43
AM160-5	5	66.00	90.00	8"		1261	218	37	43

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M³/hr	0	40	80	120	160	217
					L/min	0	667	1334	2000	2667	3617
6"	AM160-1-A	1-A	9.30	12.50	Head (H) mtr.	24	23	19	16	13	4
	AM160-1	1	13.00	17.50		34	33	28	23	20	13
	AM160-2-AA	2-AA	18.50	25.00		46	44	39	34	26	9
	AM160-2-A	2-A	22.00	30.00		56	54	47	40	33	18
	AM160-2	2	26.00	35.00		65	62	55	47	40	25
	AM160-3-AA	3-AA	30.00	40.00		77	74	67	57	46	22
	AM160-3-A	3-A	37.00	50.00		87	85	75	64	54	31
	AM160-3	3	37.00	50.00		96	93	82	70	60	38
8"	AM160-4-AA	4-AA	45.00	60.00		110	108	96	83	69	38
	AM160-4-A	4-A	45.00	60.00		119	116	103	89	76	46
	AM160-4	4	55.00	75.00		130	126	112	96	84	54
	AM160-5-AA	5-AA	55.00	75.00		142	138	123	107	90	51
	AM160-5-A	5-A	55.00	75.00		151	148	131	113	96	58
	AM160-5	5	66.00	90.00		161	157	138	120	104	64

Performance Curve



Dimension & Weight

MODEL	STAGE	kW	HP	MOTOR MOUNTING	CONNECTION SIZE	DIMENSION (MM)		PUMP WEIGHT (KG)	
						LENGTH (A)	Ø B	NET	GROSS
AM125-1-A	1-A	15.00	20.00	6"	RP / NPT 6"	790	241	46	49
AM125-1	1	18.50	25.00	6"		790	241	46	49
AM125-2-AA	2-AA	30.00	40.00	6"		966	241	56	60
AM125-2-A	2-A	37.00	50.00	6"		966	241	56	60
AM125-2	2	45.00	60.00	8"		966	241	56	60
AM125-3-AA	3-AA	55.00	75.00	8"		1142	241	97	101
AM125-3-A	3-A	55.00	75.00	8"		1142	241	97	101
AM125-3	3	66.00	90.00	8"		1142	241	97	101
AM125-4-AA	4-AA	75.00	100.00	8"		1318	241	109	115
AM125-4-A	4-A	75.00	100.00	8"		1318	241	109	115
AM125-4	4	75.00	00.00	8"		1318	241	109	115
AM125-5-AA	5-AA	93.00	125.00	8"		1494	241	122	128
AM125-5-A	5-A	93.00	125.00	8"		1494	241	122	128
AM125-5	5	93.00	125.00	8"		1494	241	122	128

Note : B= Maximum Diameter of Pump inclusive of Cable guard and Motor

Performance Table

MOTOR MOUNTING	MODEL	STAGE	kW	HP	FLOW (Q)						
					M³/hr	0	40	120	200	240	280
					L/min	0	667	2000	3334	4000	4667
6"	AM125-1-A	1-A	15.00	20.00	Head (H) mtr.	27	27	22	15	10	3
	AM125-1	1	18.50	25.00		38	37	30	23	19	12
	AM125-2-AA	2-AA	30.00	40.00		55	54	47	35	25	12
	AM125-2-A	2-A	37.00	50.00		67	65	55	44	35	18
8"	AM125-2	2	45.00	60.00		80	78	64	52	44	28
	AM125-3-AA	3-AA	55.00	75.00		95	94	82	67	52	29
	AM125-3-A	3-A	55.00	75.00		107	105	89	72	59	37
	AM125-3	3	66.00	90.00		119	117	97	79	67	47
	AM125-4-AA	4-AA	75.00	100.00		135	132	114	92	74	45
	AM125-4-A	4-A	75.00	100.00		147	144	122	98	82	53
	AM125-4	4	75.00	00.00		158	155	129	105	87	62
	AM125-5-AA	5-AA	93.00	125.00		173	170	146	117	95	59
	AM125-5-A	5-A	93.00	125.00		184	181	152	123	102	67
	AM125-5	5	93.00	125.00		195	192	160	130	108	75

Performance Curve

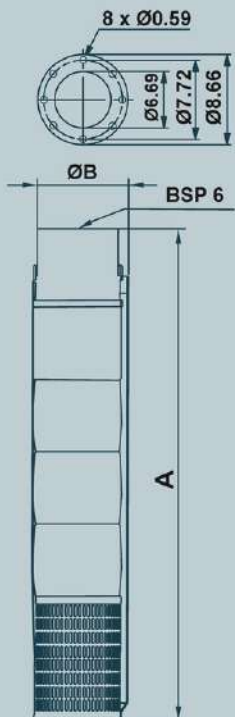
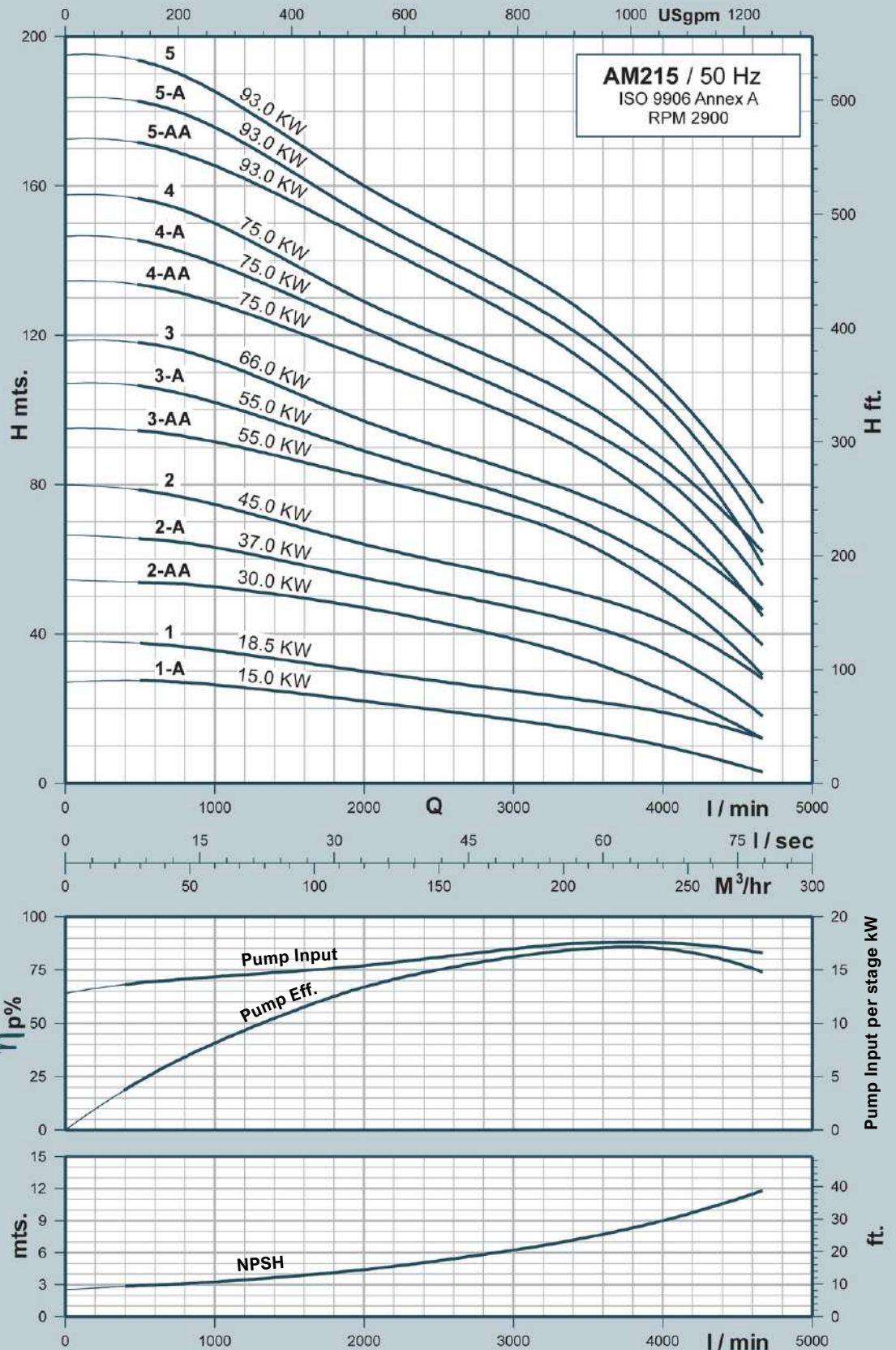


Table of Head Losses

Head Losses in Ordinary Water Pipes

Small figures indicate the velocity of water in m/sec.

Large figures indicates head loss in meters per 100 meters of straight pipes

Miscellaneous

Quantity of Water			Head Losses in Ordinary Water Pipes											
M³/hr	Liters per min	Liters per Sec.	Normal Pipe Diameter in inches and internal Diameter in [mm]											
			½"	¾"	1"	1¼"	1½"	2"	2½"	3"	3½"	4"	5"	6"
			15.75	21.25	27.00	35.75	41.25	52.50	68.00	80.25	92.50	105.0	130.0	155.5
0.6	10	0.16	0.855 9.910	0.470 2.407	0.292 0.784									
0.9	15	0.25	1.282 20.11	0.705 4.862	0.584 2.588	0.249 0.416								
1.2	20	0.33	1.710 33.53	0.940 8.035	0.730 3.834	0.331 0.677	0.249 0.346							
1.5	25	0.42	2.138 49.93	1.174 11.91	0.876 5.277	0.415 1.004	0.312 0.510							
1.8	30	0.50	2.565 69.34	1.409 16.50	1.022 6.949	0.498 1.379	0.374 0.700	0.231 0.223						
2.1	35	0.58	2.993 91.54	1.644 21.75	1.160 13.14	0.581 1.811	0.436 0.914	0.269 0.291						
2.4	40	0.67		1.879 27.66	1.750 18.28	0.664 2.290	0.499 1.160	0.308 0.368						
3.0	50	0.83		2.349 41.40	2.043 24.18	0.830 3.403	0.623 1.719	0.385 0.544	0.229 0.159					
3.6	60	1.00		2.819 57.74	2.335 30.87	0.996 4.718	0.748 2.375	0.462 0.751	0.275 0.218					
4.2	70	1.12		3.288 76.49	2.627 38.30	1.162 6.231	0.873 3.132	0.539 0.988	0.321 0.287	0.231 0.131				
4.8	80	1.33			2.919 46.49	1.328 7.940	0.997 3.988	0.616 1.254	0.367 0.363	0.263 6.164				
5.4	90	1.50			3.649 70.41	1.494 9.828	1.122 4.927	0.693 1.551	0.413 0.449	0.269 0.203				
6.0	100	1.67				1.660 11.90	1.247 5.972	0.770 1.875	0.459 0.542	0.329 0.244	0.248 0.124			
7.5	125	2.08				2.075 17.93	1.558 8.967	0.962 2.802	0.574 0.809	0.412 0.365	0.310 0.185	0.241 0.101		
9.0	150	2.50				2.490 25.11	1.870 12.53	1.154 3.903	0.668 1.124	0.494 0.506	0.372 0.256	0.289 0.140		
10.5	175	2.92				2.904 33.32	2.182 16.66	1.347 5.179	0.803 1.488	0.576 0.670	0.434 0.338	0.337 0.184		
12	200	3.33				3.319 42.75	2.493 21.36	1.539 6.624	0.918 1.901	0.659 0.855	0.496 0.431	0.385 0.234	0.251 0.084	
15	250	4.17				4.149 64.86	3.117 32.32	1.924 10.03	1.147 2.860	0.823 1.282	0.620 0.646	0.481 0.350	0.314 0.126	
18	300	5.00					3.740 45.52	2.309 14.04	1.377 4.009	0.988 1.792	0.744 0.903	0.577 0.488	0.377 0.175	0.263 0.074
24	400	6.67					4.987 78.17	3.078 24.04	1.836 6.828	1.317 3.053	0.992 1.530	0.770 0.829	0.502 0.124	0.351 0.124
30	500	8.33						3.848 36.71	2.295 10.40	1.647 4.622	1.240 2.315	0.962 1.254	0.628 0.445	0.439 0.187
36	600	10.0						4.618 51.84	2.753 14.62	1.976 6.505	1.488 3.261	1.155 1.757	0.753 0.623	0.526 0.260
42	700	11.7							3.212 19.52	2.306 8.693	1.736 4.356	1.347 2.345	0.879 0.831	0.614 0.347
48	800	13.3							3.671 25.20	2.635 11.18	1.984 5.582	1.540 3.009	1.005 1.066	0.702 0.445
54	900	15.0							4.130 31.51	2.964 13.97	2.232 6.983	1.732 3.762	1.130 1.326	0.790 0.555
60	1000	16.7							4.589 38.43	3.294 17.06	2.480 8.521	1.925 4.595	1.256 1.616	0.877 0.674
75	1250	20.8								4.117 26.10	3.100 13.00	2.406 7.010	1.570 2.458	1.097 1.027
90	1500	25.0								4.941 36.97	3.720 18.42	2.887 9.892	1.883 3.468	1.316 1.444
105	1750	29.2									4.340 24.76	3.368 13.30	2.197 4.665	1.535 1.934
120	2000	33.3									4.960 31.94	3.850 17.16	2.511 5.995	1.754 2.496
150	2500	41.7										4.812 26.26	3.139 9.216	2.193 3.807
180	3000	50.0											3.767 13.05	2.632 5.417
240	4000	66.7											5.023 22.72	3.509 8.926
300	5000	83.3												4.386 14.42
90 Bends, slide valves			1.0	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.6	1.7	2.0	2.5
T-pieces, non-return valves			4.0	4.0	4.0	5.0	5.0	5.0	6.0	6.0	6.0	7.0	8.0	9.0

The table is calculated in accordance with H Lang's new formula $a = 0.02$ and for a water temperature of 10° C.

The head loss in bends slide valves, T-pieces and non-retur valves is equivalent to the metres of straight pipes stated in the last two lines of the table. To find the head loss in foot valves multiply the loss in T-pieces by two.

Table of Head Losses

Head Losses in Plastic Pipes

Small figures indicate the velocity of water in m/sec.

Large figures indicates head loss in meters per 100 meters of straight pipes

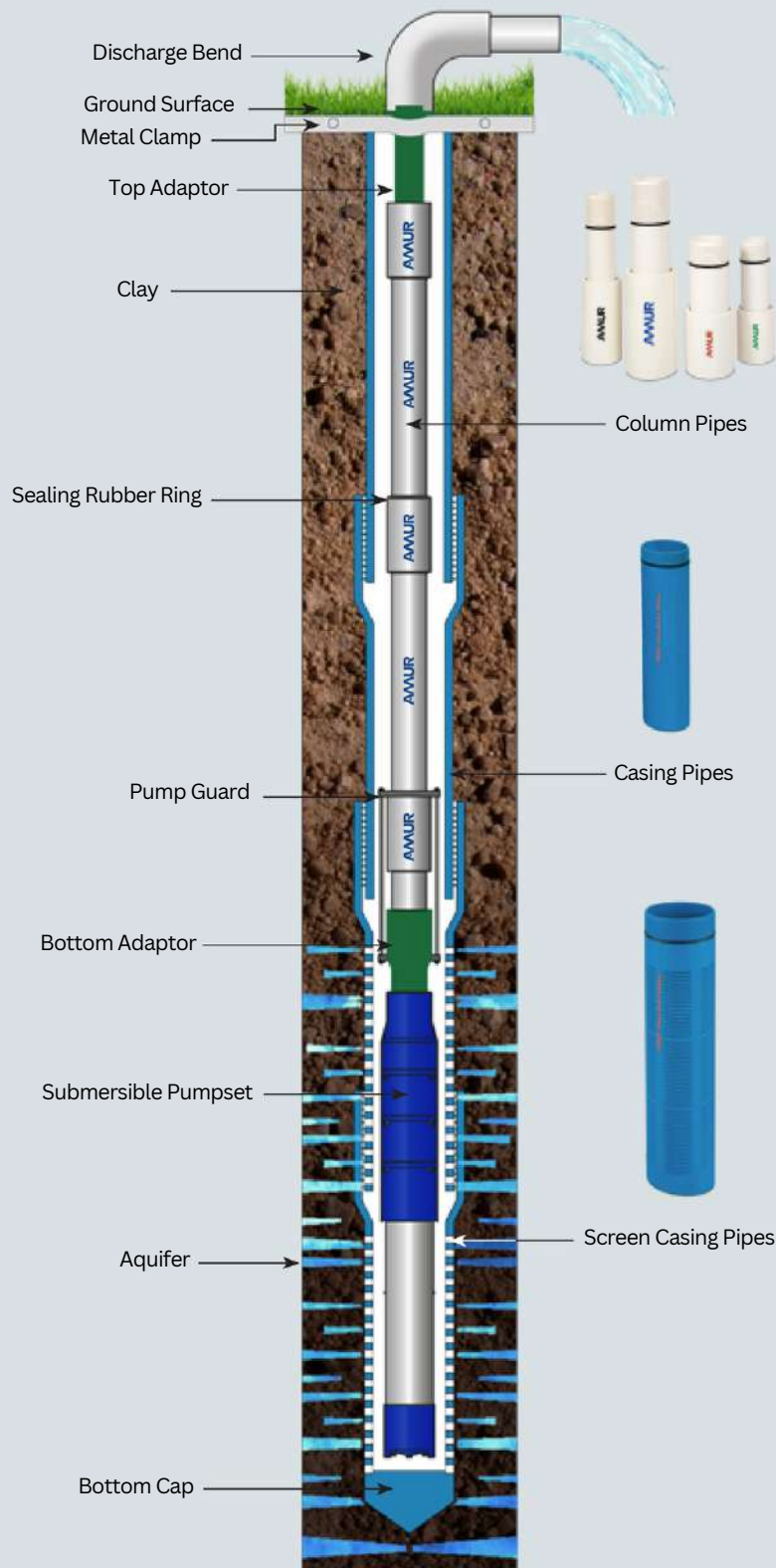
Miscellaneous

Quantity of Water			PELM/PEH PN 10											
M³/hr	Liters per min	Liters per Sec.	PELM				PEH							
			25 20.4	32 26.2	40 32.6	50 40.8	63 51.4	75 61.4	90 73.6	110 90.0	125 102.2	140 114.6	160 130.8	180 147.2
0.6	10	0.16	0.49 1.8	0.30 0.66	0.19 0.27	0.12 0.085								
0.9	15	0.25	0.76 4.0	0.46 1.14	0.3 0.6	0.19 0.18	0.12 0.63							
1.2	20	0.33	1.0 6.4	0.61 2.2	0.39 0.9	0.25 0.28	0.16 0.11							
1.5	25	0.42	1.3 10.0	0.78 3.5	0.5 1.4	0.32 0.43	0.2 0.17	0.14 0.074						
1.8	30	0.50	1.53 13.0	0.93 4.6	0.6 1.9	0.38 0.57	0.24 0.22	0.17 0.092						
2.1	35	0.58	1.77 16.0	1.08 6.0	0.69 2.0	0.44 0.70	0.28 0.27	0.2 0.12						
2.4	40	0.67	2.05 22.0	1.24 7.5	0.80 3.3	0.51 0.93	0.32 0.35	0.23 0.16	0.16 0.063					
3.0	50	0.83	2.54 37.0	1.54 11.0	0.99 4.8	0.63 1.10	0.4 0.50	0.28 0.22	0.2 0.09					
3.6	60	1.00	3.06 43.0	1.85 15.0	1.2 6.5	0.76 1.90	0.48 0.70	0.34 0.32	0.24 0.13	0.16 0.050				
4.2	70	1.12	3.43 50.0	2.08 18.0	1.34 8.0	0.86 2.50	0.54 0.83	0.38 0.38	0.26 0.17	0.18 0.068				
4.8	80	1.33		2.47 25.0	1.59 10.5	1.02 3.00	0.64 1.20	0.45 0.50	0.31 0.22	0.2 0.084				
5.4	90	1.50		2.78 30.0	1.8 12.0	1.15 3.50	0.72 1.30	0.51 0.57	0.35 0.26	0.24 0.092	0.18 0.05			
6.0	100	1.67		3.1 39.0	2.0 16.0	1.28 4.6	0.8 1.80	0.56 0.73	0.39 0.30	0.26 0.12	0.2 0.07			
7.5	125	2.08		3.86 50.0	2.49 24.0	1.59 6.6	1.00 2.50	0.70 1.10	0.49 0.50	0.33 0.18	0.25 0.10	0.20 0.055		
9.0	150	2.50			3.00 33.0	1.91 8.6	1.20 3.5	0.84 1.40	0.59 0.63	0.39 0.24	0.30 0.13	0.24 0.075		
10.5	175	2.92			3.5 38.0	2.23 11.0	1.41 4.3	0.99 1.80	0.69 0.78	0.46 0.30	0.36 0.18	0.28 0.09		
12	200	3.33			3.99 50.0	2.55 14.0	1.60 5.5	1.12 2.40	0.78 1.0	0.52 0.40	0.41 0.22	0.32 0.12	0.25 0.065	
15	250	4.17				3.19 21.0	2.01 8.0	1.41 3.70	0.98 1.50	0.66 0.57	0.51 0.34	0.40 0.18	0.31 0.105	0.25 0.06
18	300	5.00				3.82 28.0	2.41 10.5	1.69 4.60	1.18 1.95	0.78 0.77	0.61 0.45	0.48 0.25	0.37 0.13	0.29 0.085
24	400	6.67					3.21 19.0	2.25 8.0	1.57 3.60	1.05 1.40	0.81 0.78	0.65 0.44	0.50 0.23	0.39 0.150
30	500	8.33					4.01 28.0	2.81 11.5	1.96 5.0	1.1 2.0	1.02 1.20	0.81 0.63	0.62 0.33	0.49 0.21
36	600	10.0					4.82 37.0	3.38 15.0	2.35 6.6	1.57 2.60	1.22 1.50	0.97 0.82	0.74 0.45	0.59 0.28
42	700	11.7					5.64 47.0	3.95 24.0	2.75 8.0	1.84 3.50	1.43 1.90	1.13 1.10	0.87 0.60	0.69 0.40
48	800	13.3						4.49 26.0	3.13 11.0	2.09 4.5	1.62 2.60	1.29 1.40	0.99 0.81	0.78 0.48
54	900	15.0						5.07 33.0	3.53 13.5	2.36 5.5	1.83 3.20	1.45 1.70	1.12 0.95	0.08 0.58
60	1000	16.7						5.64 40.0	3.93 16.0	2.63 6.7	2.04 3.90	1.62 2.2	1.24 1.2	0.96 0.75
75	1250	20.8							4.89 25.0	3.27 9.0	2.54 5.0	2.02 3.0	1.55 1.6	1.22 0.95
90	1500	25.0							5.88 33.0	3.93 13.0	3.05 8.0	2.42 4.1	1.86 2.3	1.47 1.40
105	1750	29.2							6.86 44.0	4.59 17.5	3.56 9.7	2.83 5.7	2.17 3.2	1.72 1.9
120	2000	33.3								5.23 23.0	4.06 13.0	3.23 7.0	2.48 4.0	1.96 2.4
150	2500	41.7								6.55 34.0	5.08 18.0	4.04 10.5	3.10 6.0	2.45 3.5
180	3000	50.0								7.86 45.0	6.1 27.0	4.85 14.0	3.72 7.6	2.94 7.5
240	4000	66.7									8.13 43.0	6.47 24.0	4.96 13.0	3.92 7.5
300	5000	83.3										8.08 33.0	6.2 18.0	4.89 11.0

The table is based on a nomogram
Roughness: K = 0.01 mm
Water temperature: T = 1000 C

uPVC Column Pipe Specification

Nominal Size (Inch)	Nominal Dia. (MM)	Type	Outer Diameter (MM)		Wall Thickness (MM)				Length of Thick Portion At Both End Side (MM)	Nominal Effective Pipe Length (MM)	Safe Allowable Hydrostatic Pressure BAR / (kgf/cm ²)
					End Side		Barrel / Middle Side				
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.			
1"	25	Medium	32.80	33.20	3.6	4.1	2.1	2.5	200 ± 10	3000 ± 10	19
		Standard			4.2	4.5	2.9	3.2			30
1.25"	32	Medium	41.80	42.20	4	4.3	2.7	3	200 ± 10	3000 ± 10	15
		Standard Delux			4.7	5.1	2.65	3			21
		Standard			5.2	5.5	3.2	3.6			26
		Heavy			6.5	7	4.4	4.8			35
1.5"	40	Medium	47.80	48.22	4.8	5.3	3.1	3.5	200 ± 10	3000 ± 10	20
		Standard Delux			5	5.4	3	3.4			24
		Standard			5.3	5.9	3.8	4.2			26
		Heavy			7.1	7.7	5.2	5.6			35
		Super Heavy			8.1	8.4	5.9	6.3			40
2"	50	Medium	59.80	60.20	5.1	5.7	2.5	2.9	300 ± 10	3000 ± 10	15
		Standard Delux			5.72	6.1	3.45	3.87			17
		Standard			6.2	6.8	3.9	4.3			20
		Standard Plus			6.8	7.2	4.3	4.5			17
		Heavy			7.7	8.3	5.2	5.6			27
		Super Heavy			9.3	9.9	6.5	6.9			35
2.5"	65	Medium	74.80	75.20	5.3	5.9	2.6	3.1	300 ± 10	3000 ± 10	12
		Standard Delux			6.85	7.32	3.95	4.25			16
		Standard			6.8	7.4	4	4.5			16
		Standard Plus			8.15	8.3	5.25	5.45			23
		Heavy			9	9.6	6.2	6.7			26
		Super Heavy			10.8	11.4	8	8.5			35
3"	80	Medium	87.80	88.20	5.7	6.3	3.2	3.7	300 ± 10	3000 ± 10	11
		Standard Delux			6.5	6.7	4	4.3			13
		Standard			7.1	7.7	4.7	5.2			16
		Standard Plus			8.7	9	6.7	6.45			21
		Heavy			9.7	10.3	7.1	7.6			26
		Super Heavy			12.5	13.2	9.7	10.2			35
4"	100	Medium	112.90	113.30	6.5	7.1	3.8	4.3	300 ± 10	3000 ± 10	10
		Standard Delux			7	7.3	4.5	4.8			13
		Standard			8.1	8.8	5.6	6.1			16
		Standard Plus			10.9	11.35	7	7.55			21
		Heavy			11.9	12.5	8.7	9.2			26
		Super Heavy			15.9	16.6	12.3	12.8			35
5"	125	Standard	139.80	140.20	10	10.43	7.05	7.5	300 ± 10	3000 ± 10	16
		Heavy			14.9	15.7	12	12.6			25
		Super Heavy			17.5	18.2	15.4	16			35
6"	150	Standard	165.00	165.60	11.85	12.1	9	9.33	300 ± 10	3000 ± 10	16
		Heavy			16.5	17	13.8	14.3			26
		Super Heavy			20	20.5	16	16.5			35



Advantages of uPVC Pipes

- Square thread pipes alongwith coupler gives high tensile load holding capacity.
- Very smooth internal surface allows the liquid to flow at very low friction which increases the water discharge.
- Special rubber seals are provided alongwith thread to prevent leakage at high pressure and also helps in motor shock absorption.
- Special thick and thin design is formed to increase the strength of pipe which results in longer durability.
- uPVC Column Pipes are manufactured in standard length and are lighter in weight compared to GI Pipes and they are easy to handle during installation and removal process.
- Less power consumption, more water discharge and cost-effective.

Important Tips / Precautions

- Before joining the pipes, ensure to clean the threads with clean water.
- Do not apply grease, oil or any other oily substance on the threads.
- Do not over tighten the pipe as it will result in crushing of rubber sealing and chance for leakage.
- Avoid dry run of submersible Pump.
- Prevention of water hammering at the time of pump stoppage.

Applications

- Water rising Submersible and Jet Pump for Irrigation, Domestic, Industrial Mining and Chemical Distribution.
- It is a wise replacement over MS, GI, HDPE and SS Column pipe.
- uPVC Column Pipe is non-reactive towards chemicals, erosion and corrosion and due to this inert quality, it is ideally used in salty, sandy and chemically aggressive water without any effect over the years.

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