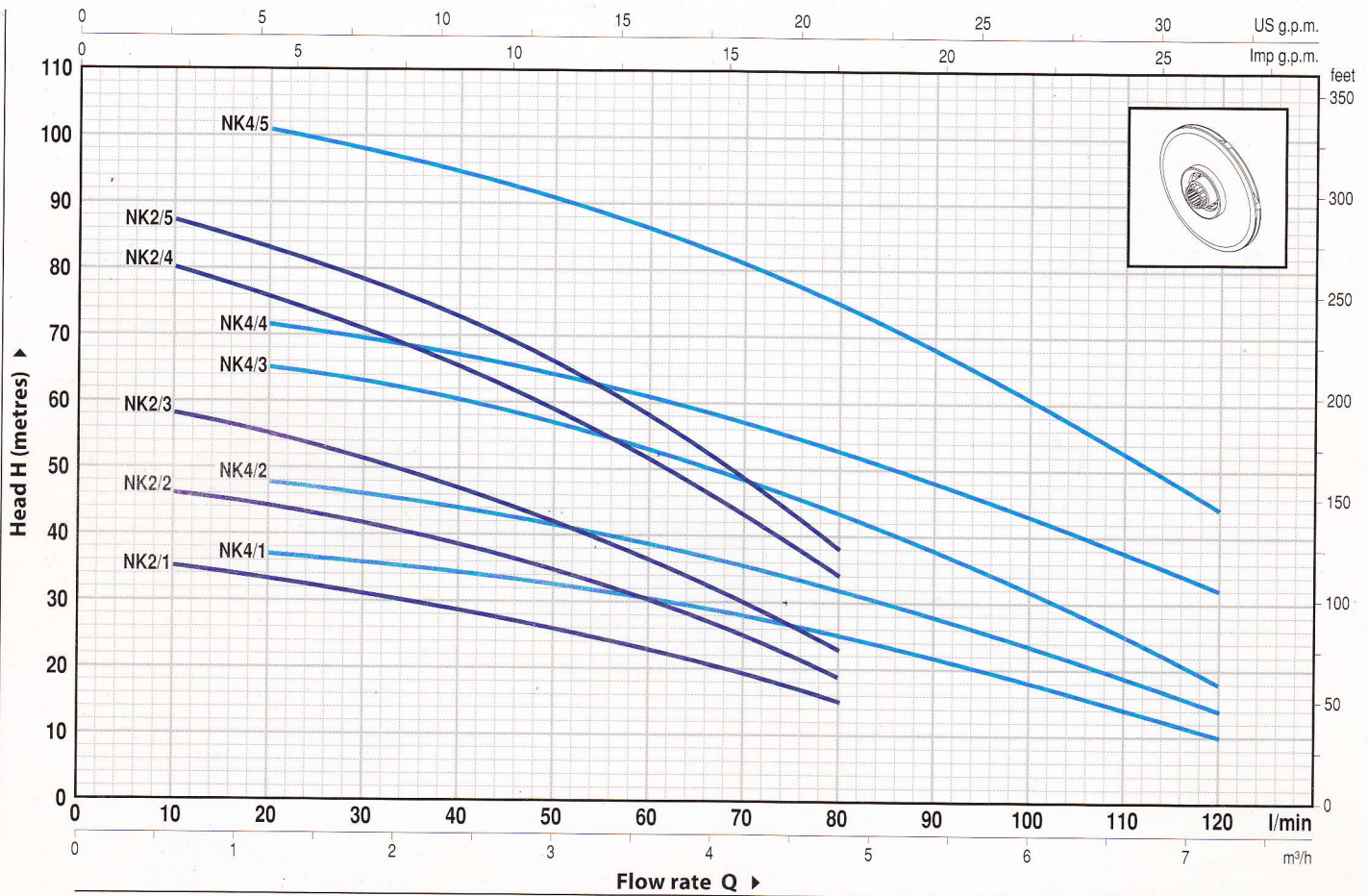


CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n = 2900 1/min



VERSION WITHOUT FLOAT SWITCH

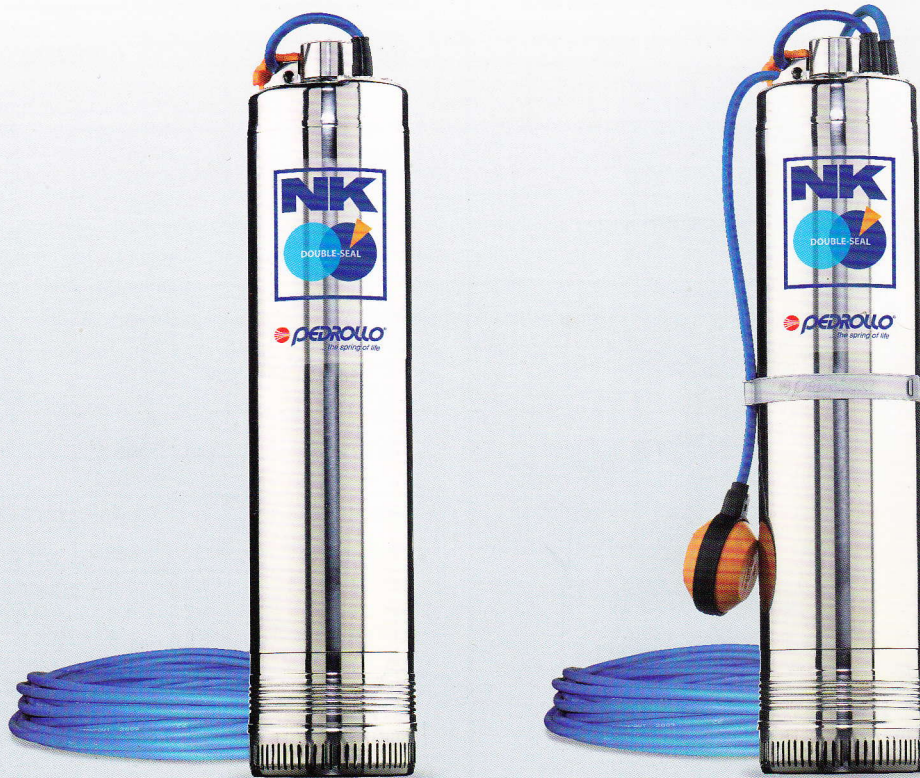
MODEL		POWER		Q	Flow rate												
Single-phase	Three-phase	kW	HP		m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6
				l/min	0	10	20	30	40	50	60	70	80	90	100	110	120
NKm 2/1	-	0.45	0.6	H metres	36	35	33	31	28.5	26	23	19	15				
NKm 2/2	-	0.55	0.75		48	46	44	41.5	39	35	30	25	19				
NKm 2/3	NK 2/3	0.75	1		60	58	55	51	47	42	36	30	23				
NKm 2/4	NK 2/4	1.1	1.5		84	80	75	70	65	59	51	42.5	34				
NKm 2/5	NK 2/5	1.5	2		90	87	83	78	73	66	58	48	38				
NKm 4/1	-	0.55	0.75		40	-	37	36	34.5	32.5	30	28	25	21.5	18.5	14.5	10
NKm 4/2	NK 4/2	0.75	1		50	-	48	46	44	41	38	35	32	28	24	19	14
NKm 4/3	NK 4/3	1.1	1.5		67	-	65	62.5	60	56.5	52	48	44	38	32	25	18
NKm 4/4	NK 4/4	1.5	2		75	-	72	69	66	64	60	57	53	48	43	38	32
NKm 4/5	NK 4/5	2.2	3		105	-	101	98	94	90	86	80	75	67	60	52	44

"GE" VERSION WITH FLOAT SWITCH

MODEL		POWER		Q	Flow rate												
Single-phase		kW	HP		m³/h	0	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	5.4	6.0	6.6
				l/min	0	10	20	30	40	50	60	70	80	90	100	110	120
NKm 2/1 - GE		0.45	0.6	H metres	36	35	33	31	28.5	26	23	19	15				
NKm 2/2 - GE		0.55	0.75		48	46	44	41.5	39	35	30	25	19				
NKm 2/3 - GE		0.75	1		60	58	55	51	47	42	36	30	23				
NKm 2/4 - GE		1.1	1.5		84	80	75	70	65	59	51	42.5	34				
NKm 2/5 - GE		1.5	2		90	87	83	78	73	66	58	48	38				
NKm 4/1 - GE		0.55	0.75		40	-	37	36	34.5	32.5	30	28	25	21.5	18.5	14.5	10
NKm 4/2 - GE		0.75	1		50	-	48	46	44	41	38	35	32	28	24	19	14
NKm 4/3 - GE		1.1	1.5		67	-	65	62.5	60	56.5	52	48	44	38	32	25	18
NKm 4/4 - GE		1.5	2		75	-	72	69	66	64	60	57	53	48	43	38	32
NKm 4/5 - GE		2.2	3		105	-	101	98	94	90	86	80	75	67	60	52	44

Q = Flow rate H = Total manometric head

Tolerance of characteristic curves in compliance with EN ISO 9906 App. A.



PERFORMANCE RANGE

- Flow rate up to **120 l/min** (7.2 m³/h)
- Head up to **105 m**

APPLICATION LIMITS

- Maximum liquid temperature **+40 °C**
- Maximum sand content **50 g/m³**
- **20 m** maximum immersion depth
- Continuous service **S1**

CONSTRUCTION AND SAFETY STANDARDS

- Complete with **20 m** long power cable

EN 60335-1
IEC 60335-1
CEI 61-150

EN 60034-1
IEC 60034-1
CEI 2-3



CERTIFICATIONS



AI30

INSTALLATION AND USE

As a result of their high efficiency and reliability they are suitable for use with clean water in domestic, civil and agricultural applications such as the distribution of water in combination with pressure sets, for the irrigation of gardens and allotments and for pressure boosting, etc.

OPTIONALS AVAILABLE ON REQUEST

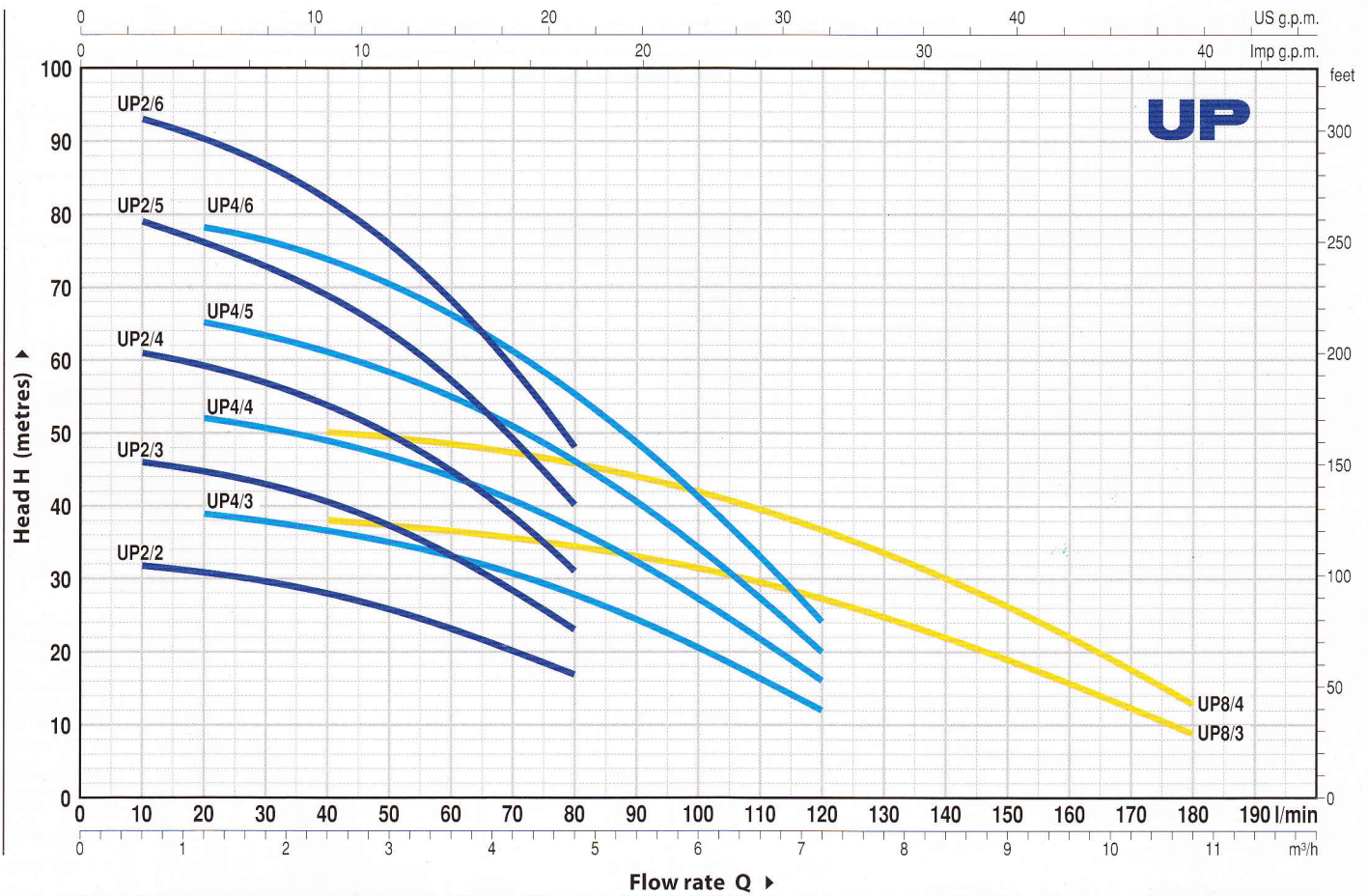
- Pumps fitted with power cables of other lengths
- Other voltages or 60 Hz frequency

GUARANTEE

2 years subject to terms and conditions

CHARACTERISTIC CURVES AND PERFORMANCE DATA

50 Hz n= 2900 rpm



MODEL		POWER (P ₂)		Q	Flow rate													
Single-phase	Three-phase	kW	HP		0	0.6	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8			
UPm 2/2-GE	UP 2/2	0.37	0.5	H metres	33	32	31	28	23.5	17								
UPm 2/3-GE	UP 2/3	0.55	0.75		48	46	44.5	40.5	33.5	23								
UPm 2/4-GE	UP 2/4	0.75	1		63	61	59	54	45	31								
UPm 2/5-GE	UP 2/5	1.1	1.5		81	79	75.5	68.5	57.5	40								
UPm 2/6-GE	UP 2/6	1.5	2		95	93	90	82	68.5	48								
UPm 4/3-GE	UP 4/3	0.55	0.75		40	-	39	37	33	28	20.5	12						
UPm 4/4-GE	UP 4/4	0.75	1		53	-	52	49	44	37	27.5	16						
UPm 4/5-GE	UP 4/5	1.1	1.5		67	-	65	61.5	55	46.5	34	20						
UPm 4/6-GE	UP 4/6	1.5	2		80	-	78	74	66	56	41	24						
UPm 8/3-GE	UP 8/3	1.1	1.5		40	-	-	38	36.5	34.5	31.5	27.5	22	16	9			
UPm 8/4-GE	UP 8/4	1.5	2	52	-	-	50	48.5	46	42	36.5	29.5	21.5	13				

Q = Flow rate H = Total manometric head

Tolerance of characteristic curves in compliance with EN ISO 9906 Grade 3B.

► Single-phase pumps without float switch on request

UP

Multi-stage submersible pumps



-  Clean water
(Maximum sand content 150 g/m³)
-  Domestic use
-  Civil use
-  Agricultural use

PERFORMANCE RANGE

- Flow rate up to **180 l/min** (10.8 m³/h)
- Head up to **95 m**

APPLICATION LIMITS

- Maximum liquid temperature **+40 °C**
- Maximum sand content **150 g/m³**
- **20 m** maximum immersion depth (with a sufficiently long power cable)
- Vertical and horizontal installation
- Continuous service **S1**

CONSTRUCTION AND SAFETY STANDARDS

- **20 m** long power cable
- Float switch for single-phase versions

EN 60335-1
IEC 60335-1
CEI 61-150

EN 60034-1
IEC 60034-1
CEI 2-3



PATENTS - TRADE MARKS - MODELS

- Patent Pending n. PCT/IB2014/063126
- Patent Pending n. BO2015A000116
- Patent Pending n. PCT/EP2009/059855

CERTIFICATIONS

Company with management system certified DNV
ISO 9001: QUALITY
ISO 14001: ENVIRONMENT AND SAFETY



INSTALLATION AND USE

A new concept range of submersible multi-stage pumps designed guarantee even greater reliability, thanks to patented innovative technical solutions which prevent blockage of the pumps even after prolonged periods of inactivity.

Because of their high efficiency and reliability they are suitable for use with clean water in domestic, civil and agricultural applications such as the distribution of water in combination with pressure tanks, for the irrigation of gardens and orchards and for pressure boosting, etc.

OPTIONS AVAILABLE ON REQUEST

- Pumps without float switch
- Pumps fitted with power cables of other lengths
- Other voltages or 60 Hz frequency
- **Support kit for horizontal operation**

