

POMPA AIR **RUMAH TANGGA ANDA**





Produk Pilihan untuk Rumah Tangga

Pompa air BASIC LINE yang sanggup hisap - dorong air ekstra kuat hasil inovasi teknologi GRUNDFOS, produsen pompa air kelas dunia. Selain tangguh, Pompa air BASIC LINE juga tahan lama karena menggunakan bahan berkualitas terbaik. Jangan heran, aksi Pompa air BASIC LINE memberi Anda kemudahan dan kenyamanan sepanjang tahun.

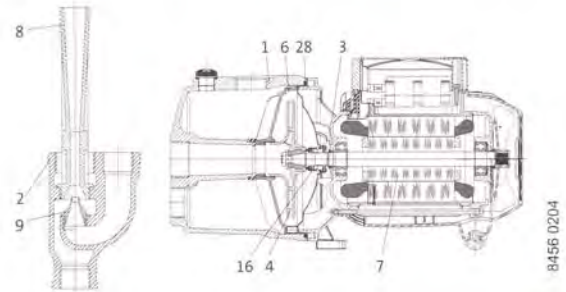


Material specification

Pos.	Description	Material
1	Pump body	Cast iron EN-GJL-200
2	Ejector body	Cast iron EN-GJL-200
3	Support	Cast iron EN-GJL-200
4	Impeller	Noryl GFN 2
6	Diffuser	Noryl GFN 2
7	Shaft with rotor	(JDBasic 2-4) Stainless steel AISI 416 X 12 Cr S 13
		(JDBasic 5-7) AISI 303 X10 Cr NiS 18 9
8	Venturi	Noryl GFN 2
9	Nozzle	Brass
16	Mechanical seal	Carbon/Ceramic
28	O-ring gasket	NBR

Electrical data

Pump type	Voltage [V]	P ₁	P ₂	P ₂	I _n	Capacitor	
		Max. [kW]	[kW]	[hp]	[A]	[µF]	[Vc]
JDBasic 3	1 x 220-240	0.79	0.75	1	3.8	16	450
JDBasic 4	1 x 220-240	0.79	0.75	1	3.8	16	450
JDBasic 5	1 x 220-240	1.56	1.1	1.5	7	31.5	450



Technical data

Operating range	Up to 4.3 m ³ /h
Liquid temperature range	From 0°C to +35°C for domestic use
Liquid quality requirements	Clean, free from solids or abrasive substances, non aggressive
Maximum ambient temperature	+40°C

JD Basic 3

- Diameter Pipa Hisap : 1" & 1.25"
- Diameter Pipa Dorong : 1"
- Maksimal Level Air : 18 m
- Optimal Level Air : 15 m
- Total Head (m) : 15 20 25
- Kapasitas (liter/m) : 20 14 9

JD Basic 4

- Diameter Pipa Hisap : 1" & 1.25"
- Diameter Pipa Dorong : 1"
- Maksimal Level Air : 24 m
- Optimal Level Air : 21 m
- Total Head (m) : 20 25 30
- Kapasitas (liter/m) : 25 20 15

JD Basic 5

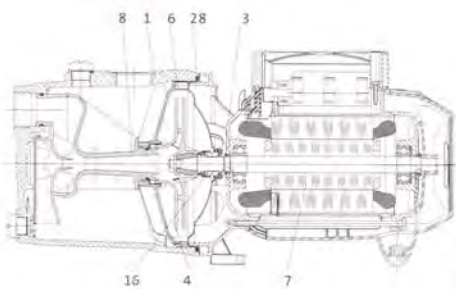
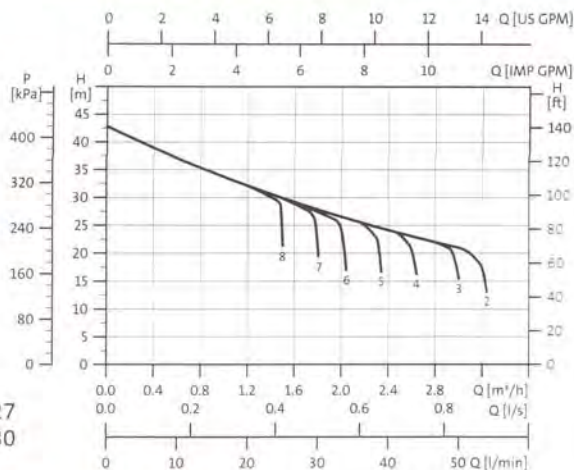
- Diameter Pipa Hisap : 1" & 1.25"
- Diameter Pipa Dorong : 1"
- Panjang Pipa Hisap (m) : 50
- Maksimal Level Air : 30 m
- Optimal Level Air : 27 m
- Total Head (m) : 30 35 40
- Kapasitas (liter/m) : 28 25 21



JP Basic

JP Basic 3

- Diameter Pipa Hisap : 1"
- Diameter Pipa Dorong : 1"
- Panjang Pipa Hisap (m) : 11
- Maksimal Level Air : 8 m
- Maks. Daya Dorong : 31 m
- Total Head (m) : 20 23 27
- Kapasitas (liter/m) : 50 40 30



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Material specification

Pos.	Description	Material
1	Pump body	Cast iron EN-GJL-200
3	Support	Cast iron EN-GJL-200
4	Impeller	Noryl GFN 2
6	Diffuser	Noryl GFN 2
7	Shaft with rotor	AISI 303 stainless steel X 10 Cr NiS 18 9 *
8	Venturi tube and nozzle	Noryl GFN 2
16	Mechanical seal	Carbon/Ceramic
28	O-Ring gasket	NBR

* JPBasic 1, JPBasic 2, JPBasic 4: X 12 Cr S 13

Electrical data

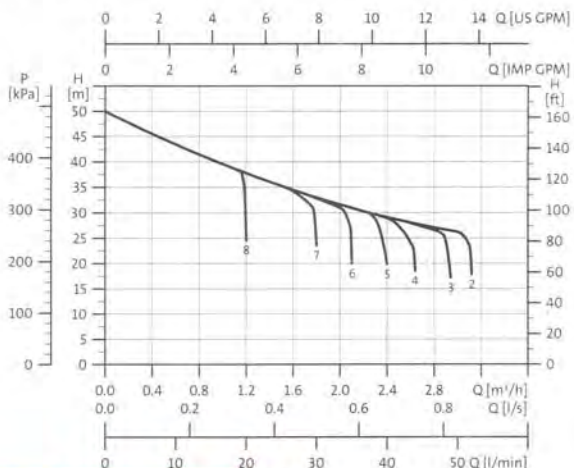
Pump type	Voltage [V]	P_1	P_2	P_2	I_n	Capacitor	
		Max. [kW]	[kW]	[hp]	[A]	[μ F]	[Vc]
JPBasic 3	1 x 220-240	0.85	0.6	0.8	3.8	12.5	450
JPBasic 4	1 x 220-240	1.13	0.75	1	5.1	16	450
JPBasic 5	1 x 220-240	1.6	1.1	1.5	7.2	31.5	450

Technical data

Operating range	From 0.6 to 10.5 m ³ /h with head up to 63 metres
Liquid temperature range	From 0°C to +35°C for domestic use (Safety regulations EN 60335-2-41) From 0°C to +40°C for other uses.
Liquid quality requirements	Clean, free from solids or abrasive substances, non aggressive
Maximum ambient temperature	+40°C
Maximum suction depth	8 metres

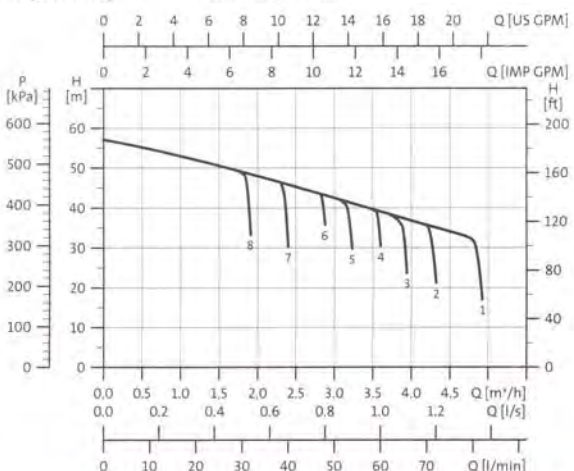
JP Basic 4

- Diameter Pipa Hisap : 1"
- Diameter Pipa Dorong : 1"
- Panjang Pipa Hisap (m) : 11
- Maksimal Level Air : 8 m
- Maks. Daya Dorong : 41 m
- Total Head (m) : 26 28 33
- Kapasitas (liter/m) : 50 40 30



JP Basic 5

- Diameter Pipa Hisap : 1,25"
- Diameter Pipa Dorong : 1"
- Panjang Pipa Hisap (m) : 11
- Maksimal Level Air : 8 m
- Maks. Daya Dorong : 43 m
- Total Head (m) : 35 39 42
- Kapasitas (liter/m) : 70 60 50

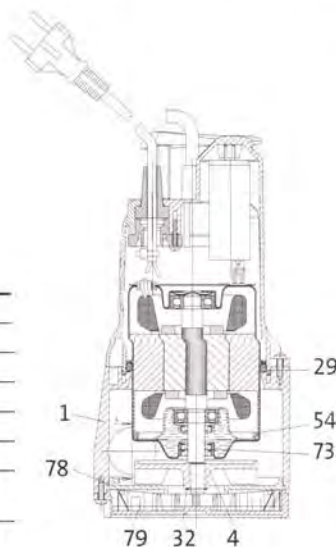




KP Basic

KP Basic 200

- Diameter Pipa Discharge : 1,25"
- Total Head (m) : 5 4 3
- Kapasitas (liter/m) : 40 80 120



Material specification

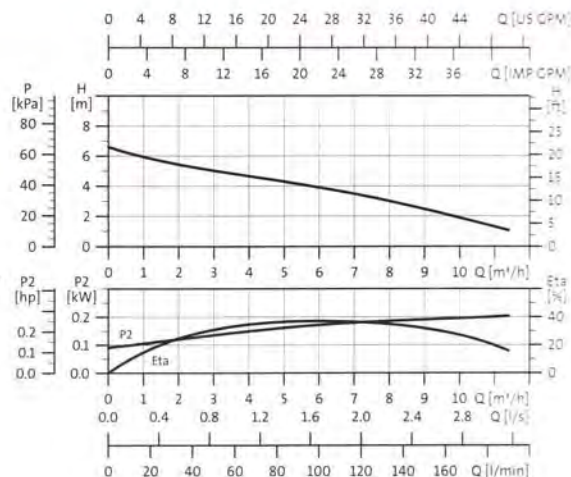
Pos.	Descriptions	Materials
1	Pump body	Noryl GFN 2
4	impeller	Noryl GFN 2
29	O-ring gasket	NBR
32	Stop ring	Stainless steel 12E
Motor		
54	- Top body	Stainless steel AISI 304 X5 CrNi 1810
	- Rotor	Stainless steel AISI 304 X5 CrNi 1810
78	Pressure disc	Noryl GFN 2
79	Suction grid	Noryl GFN 2

Electrical data

Pump type	Voltage [V]	P ₁ Max. [kW]	P ₂ [kW]	P ₂ [hp]	I _n [A]	Capacitor [μF]	Capacitor [Vc]
KP Basic 200	1 x 220-240	0.35	0.22	0.3	1.5	8	450
KP Basic 300A	1 x 220-240	0.35	0.22	0.3	1.5	8	450
KP Basic 600A	1 x 220-240	0.8	0.55	0.75	3.4	14	450

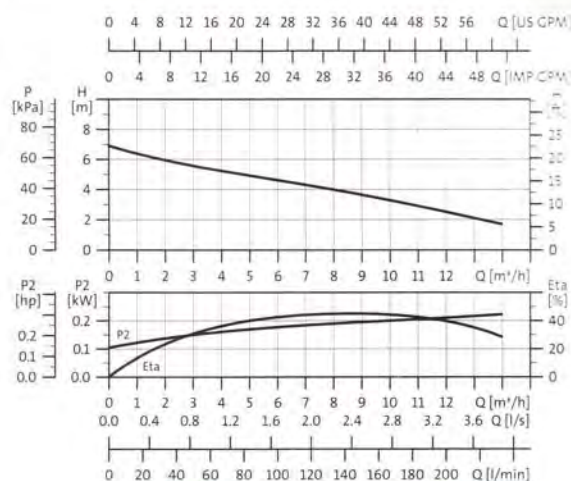
Technical data

Operating range	From 1 to 16 m ³ /h with head up to 10.2 metres
Liquid temperature range	From 0°C to +35°C
Liquid quality requirements	Gray water without fibres
Maximum ambient temperature	+40°C
Maximum suction depth	8 metres
Maximum immersion:	7 metres
Maximum dry running time:	1 minute



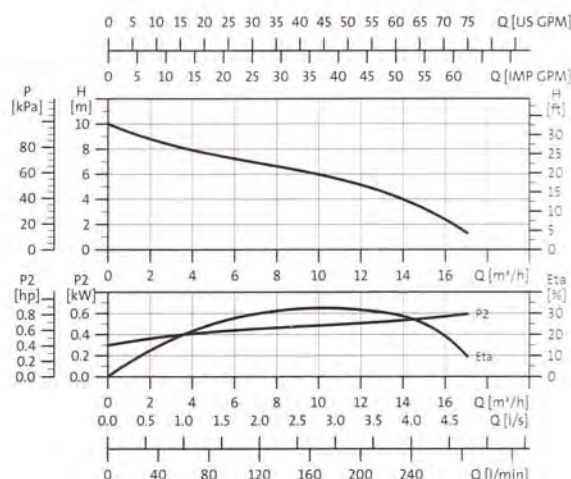
KP Basic 300A

- Diameter Pipa Discharge : 1,25"
- Total Head (m) : 5 4 3
- Kapasitas (liter/m) : 60 130 170

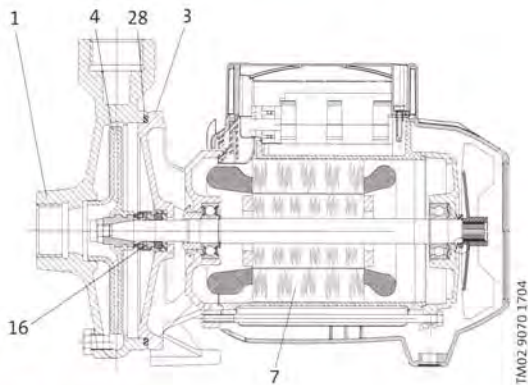


KP Basic 600A

- Diameter Pipa Discharge : 1,25"
- Total Head (m) : 7 6 4
- Kapasitas (liter/m) : 80 160 240



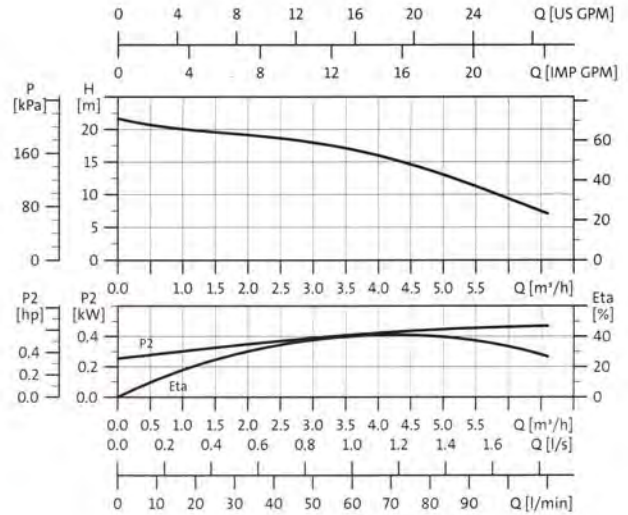
NS Basic



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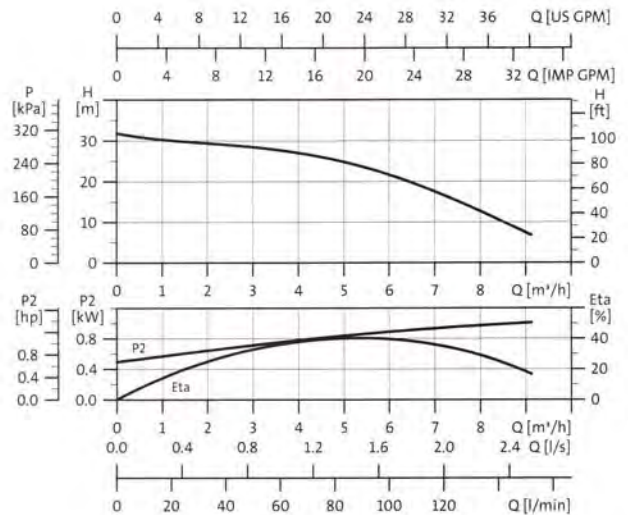
NS Basic 4-23

- Diameter Pipa Hisap : 1"
- Diameter Pipa Dorong : 1"
- Panjang Pipa Hisap (m) : 6
- Maksimal Level Air : 4 m



NS Basic 5-33

- Diameter Pipa Hisap : 1"
- Diameter Pipa Dorong : 1"
- Panjang Pipa Hisap (m) : 6
- Maksimal Level Air : 4 m



Electrical data

Pump type	Voltage [V]	P ₁ Max. [kW]	P ₂ [kW]	P ₂ [hp]	I _n [A]	Capacitor [μF]	Capacitor [Vc]
NSBasic 4-23	1 x 220-240	0.65	0.37	0.5	3.0	10	450
NSBasic 5-33	1 x 220-240	1.3	0.75	1	6.0	20	450
NSBasic 13-18	1 x 220-240	1.1	0.75	1	4.6	20	450

Material specification

Description	Material	Pump types
1 Pump body	Cast iron EN-GJL-200	
3 Support	Cast iron EN-GJL-200	
4 Impeller	Noryl GFN 2	
7 Shaft	X 12 CrNi 1810	NSBasic 4-23 - NSBasic 13-18
	X 10 CrNi 1809	NSBasic 5-33
16 Mechanical seal	Carbon/Ceramic	
28 O-Ring Gasket	NBR	

Technical data

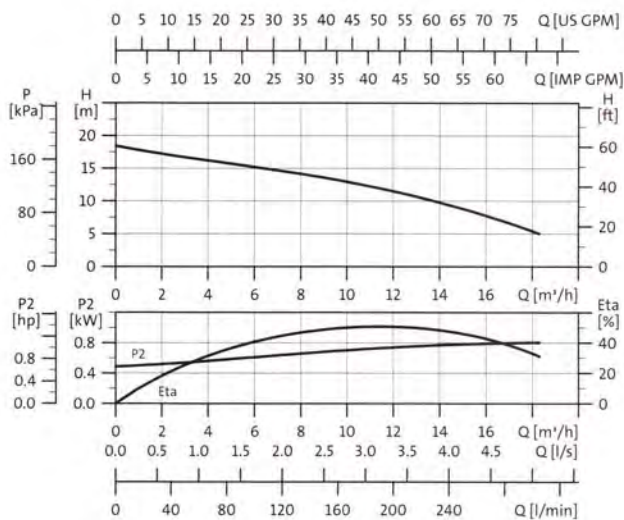
- Operating range: From 1.8 to 16.8 m³/h with head up to 34 metres
- Liquid temperature range: NSBasic 4-23, NSBasic 5-33, NSBasic 13-18: from -10°C to +50°
- Liquid quality requirements: Clean, free from solids or abrasive substances, non viscous, non aggressive, noncrystallized, chemically neutral, close to the characteristics of water.
- Maximum ambient temperature: +40°C

Electrical data

Pump type	Voltage [V]	P ₁ Max. [kW]	P ₂ [kW]	P ₂ [hp]	I _n [A]
NSBasic 13-18	3 x 220-240/ 380-415	1.1	0.75	1	3.6/2.1

NS Basic 13-18

- Diameter Pipa Hisap : 1,5"
- Diameter Pipa Dorong : 1,5"
- Panjang Pipa Hisap (m) : 6
- Maksimal Level Air : 4 m



Technical data

Liquid quality requirements

Clean, free from solids or abrasive substances, non viscous, non aggressive, non crystallized, chemically neutral, close to the characteristics of water.

Liquid Temperature range

-15°C to +110°C

Maximum ambient temperature

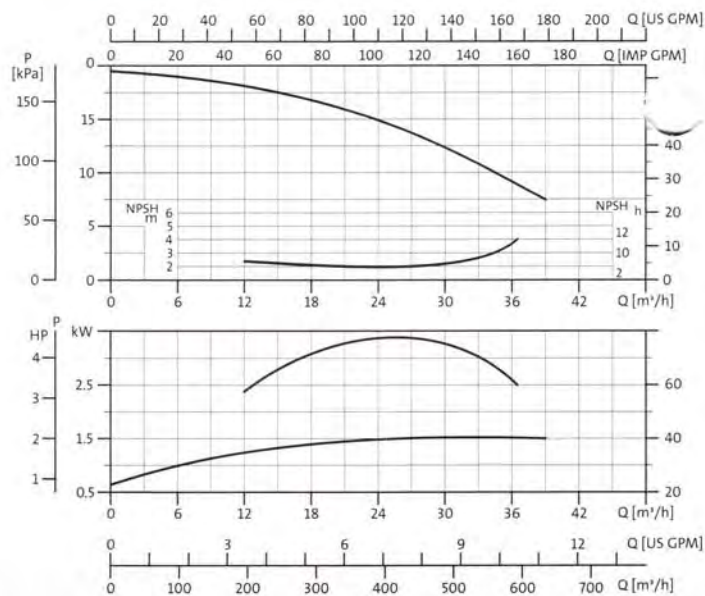
+40°C

Electrical data

Pump type	Voltage [50 Hz]	P ₁ Max. [kW]	P ₂ [kW]	P ₂ [hp]	I _n [A]	Capacitor [μF]	Capacitor [Vc]
NF Basic 30-18	1 x 220-240	2.1	1.8	2.5	9.5	40	450
NF Basic 30-18	3 x 220-240/ 380-415	2.1	1.8	2.5	7/4	-	-

NF Basic 30-18

- Diameter Pipa Hisap : 2"
- Diameter Pipa Dorong : 2"
- Panjang Pipa Hisap (m) : 6
- Maksimal Level Air : 4 m



NF Basic



Electrical data

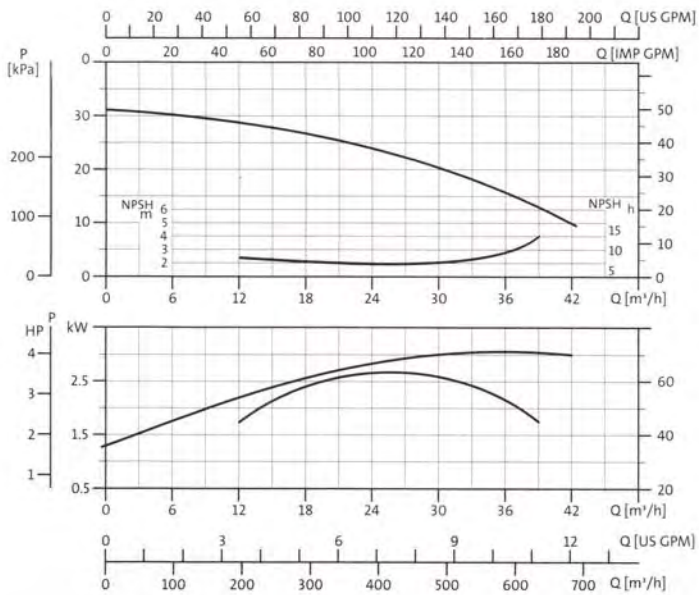
Pump type	Voltage [50 Hz]	P ₁ Max. [kW]	P ₂ [kW]	P ₂ [hp]	I _n [A]
NF Basic 30-30	3 x 220-240/ 380-415	3.4	3	4	4

Electrical data

Pump type	Voltage [50 Hz]	P ₁ Max. [kW]	P ₂ [kW]	P ₂ [hp]	I _n [A]
NF Basic 30-36	3 x 220-240/ 380-415	4.6	4	5.5	14.7 / 8.5

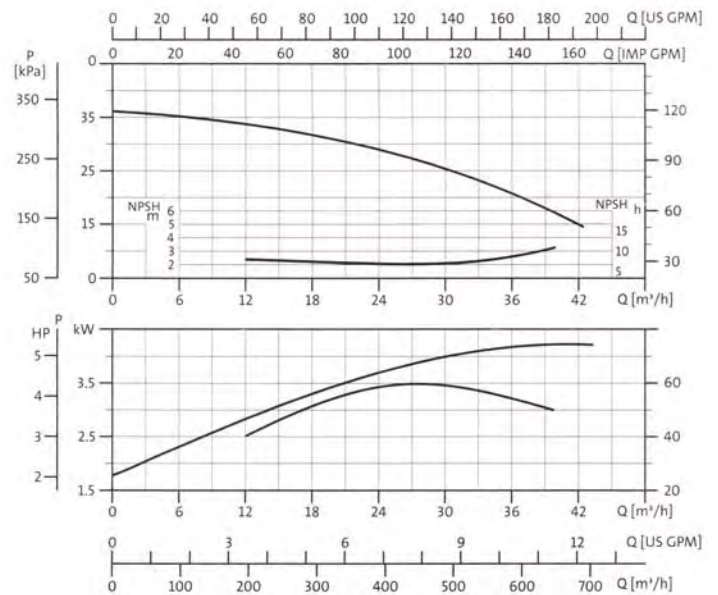
NF Basic 30-30

- Diameter Pipa Hisap : 2.5"
- Diameter Pipa Dorong : 2"
- Panjang Pipa Hisap (m) : 6
- Maksimal Level Air : 4 m



NF Basic 30-36

- Diameter Pipa Hisap : 2.5"
- Diameter Pipa Dorong : 2"
- Panjang Pipa Hisap (m) : 6
- Maksimal Level Air : 4 m



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Thinking ahead makes it possible
Innovation is the essence

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