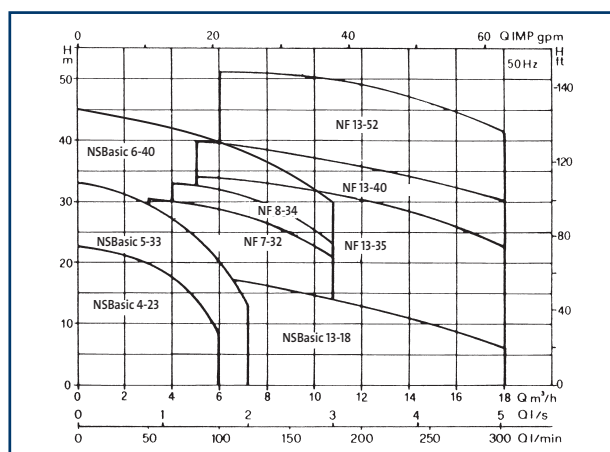




NSBASIC



APPLICATIONS

Single impeller centrifugal pump designed for lifting water in domestic, civil, industrial and agricultural installations and for decanting, mixing and irrigation purposes.

CONSTRUCTION MATERIALS

Cast iron pump body and motor support treated against corrosion also on the inner surface. Technopolymer A impeller. Carbon/ceramic mechanical seal mounted on stainless steel rotor shaft extension.

TECHNICAL DATA

- Operating range** : From 1.6 to 18m³/h with head up to 53.5 metres.
- Liquid quality requirements** : Clean, free from solids or abrasive substances, non aggressive.
- Liquid temperature range** : NSBasic 4-23, NSBasic 5-33, NF 7-32, NF 8-34, NSBasic 13-18,

NSBasic 6-40, NF 13-35, NF 13-40 : From -10°C to +50°C
NF 13-52 : From -15°C to +110°C

Maximum ambient temperature : +40°C

Maximum operating pressure : NSBasic 4-23, NSBasic 5-33, NF 7-32, NF 8-34, NSBasic 6-40, NSBasic 13-18 : 6 bar (600 kPa)
NF 13-35, NF 13-40, NF 13-52 : 8 bar (800 kPa)

Installation : Fixed in a horizontal or vertical position, as long as the motor is above the pump.

Special executions on request : Other voltages and/or frequencies.

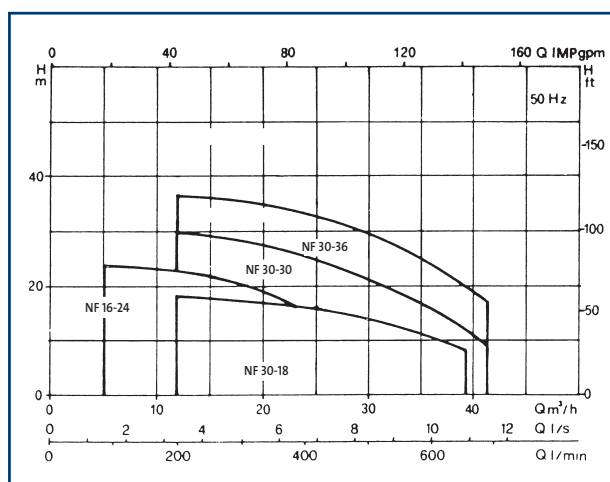
Motor protection : IP44

Insulation category : F

Model	Voltage 50Hz	Electrical Data						Hydraulic Data (n ≈ 2800 l/min)																ø					
		P1 Max kW	P2		AMPS A	Capacitor µf Vc	m ³ /h l/min	H (m)																DNA G	DNM G	Weight kg			
			Max kW	Nominal kW				HP	0	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	15	18	0	40	60				80	100	120
NSBasic 4-23 M	1 x 220-240V	0.61	0.37	0.5	2.8	12.5	450	22.5	20	18	15	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1"	1"	9.3
NSBasic 4-23 T	3 x 380-415V	0.58	0.37	0.5	2.1-1.2	-	-	33	30.5	28.5	25	20.5	13	-	-	-	-	-	-	-	-	-	-	-	-	-	1"	1"	9.3
NSBasic 5-33 M	1 x 220-240V	1.2	0.75	1	5.5	20	450	31	30.6	30	29.4	28.5	27.2	25.6	23.5	20.8	-	-	-	-	-	-	-	-	-	-	1 1/2"	1"	18.8
NSBasic 5-33 T	3 x 380-415V	1.12	0.75	1	4.2-2.4	-	-	31	30.6	30	29.4	28.5	27.2	25.6	23.5	20.8	-	-	-	-	-	-	-	-	-	-	1 1/2"	1"	18.8
NF 7-32 M	1 x 220-240V	1.75	1.1	1.5	8.3	25	450	44	43.4	42.5	41	39	35.7	32	26	18.5	-	-	-	-	-	-	-	-	-	-	1 1/2"	1"	20.9
NF 7-32 T	3 x 380-415V	1.63	1.1	1.5	5.5-3.15	-	-	35	34.6	34.1	33.4	32.5	31.1	29.2	26.5	23	-	-	-	-	-	-	-	-	-	-	1 1/2"	1"	18.7
NSBasic 6-40	3 x 380-415V	2.0	1.8	2.5	6.2/3.6	-	-	20.5	19	18.5	18	17.5	17	16	15	14	13	10	6.5	-	-	-	-	-	-	1 1/2"	1 1/2"	13.5	
NF 8-34 T	3 x 380-415V	2.1	1.85	2.5	6.4-3.7	-	-	36.6	36.2	35.8	35.2	34.7	34	33.2	32.5	31.6	30.5	28	-	-	-	-	-	-	-	-	2"	1 1/4"	30.7
NSBasic 13-18M	1 x 220-240V	1.1	0.75	1	5.2	20	450	41.5	40.9	40.6	40.2	39.8	39.2	38.7	37.9	37	36	33	-	-	-	-	-	-	-	-	2"	1 1/4"	32.8
NSBasic 13-18T	3 x 380-415V	1.08	0.75	1	4-2.3	-	-	53.5	53.2	53	52.7	52.1	51.7	51	50.5	49.7	48.6	45.8	42	-	-	-	-	-	-	-	2"	1 1/4"	36
NF 13-35 T	3 x 380-415V	3.1	2.2	3	10.7-6.2	-	-																						
NF 13-40 T	3 x 380-415V	3.65	3	4	13.8-8	-	-																						
NF 13-52 T	3 x 380-415V	5	4	5.5	18.7-10.8	-	-																						



NSBASIC (Single Impeller)



APPLICATIONS

Single impeller centrifugal pump designed for lifting water in domestic, civil, industrial and agricultural installations and for decanting, mixing and irrigating uses.

CONSTRUCTION MATERIALS

Cast iron pump body and motor support treated against corrosion also on the inner surface. Cast iron impeller. Carbon/ceramic mechanical seal mounted on stainless steel rotor shaft extension.

TECHNICAL DATA

Operating range : From 9 to 42m³/h with head up to 62 metres

Liquid quality requirements : Clean, free from solids or abrasive substances, non aggressive.

Liquid temperature range : From -15°C to +110°C

Maximum ambient temperature : +40°C

Maximum operating pressure : NF 30-18 : 6 bar (600 kPa)
NF 16-24, NF 30-30, NF 30-36 : 8 bar (800 kPa)

Installation : Fixed in a horizontal or vertical position, as long as the motor is above the pump

Special executions on request : Other voltages and/or frequencies

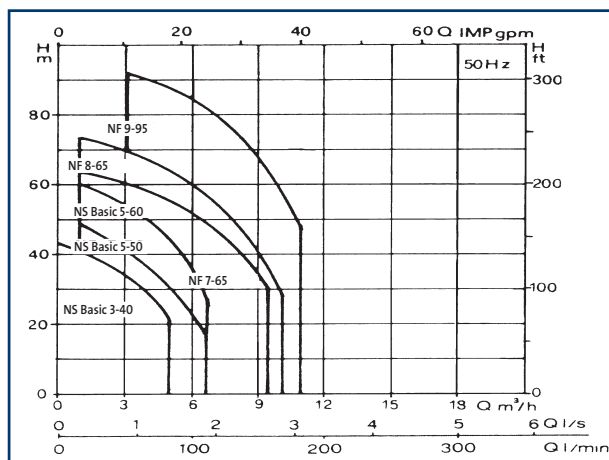
Motor protection : IP44

Insulation category : F

Model	Voltage 50Hz	Electrical Data						Hydraulic Data (n ≈ 2800 l/mm)														∅		Weight kg
		P1 Max kw	P2 Nominal		AMPS A	Capacitor																DNA G	DNM G	
			kw	HP		µf	Vc	m³/h	0	6	9	12	15	18	24	30	36	39	42	DNM				
							l/min	0	100	150	200	250	300	400	500	600	650	700	G	G				
NF 30-18M	1 x 220-240V	2.2	1.85	2.5	9.7	40	450	H (m)	19	19	18.9	18.8	18.5	18	16.3	13.8	10.2	8.2	-	2" G	2" G	21.2		
NF 30-18 T	3 x 380-415V	2.2	1.85	2.5	7.6-4.4	-	-		30.5	30.5	30.4	30	29.8	28.5	26	21.5	16	12.5	9.5	2 1/2" G	2" G	34		
NF 16-24 T	3 x 380-415V	2.6	2.2	3	9.5-5.5	-	-		24.5	23.5	23	22.5	21.5	20	16.5	11.5	6.5	-	-	2 1/2" G	2" G	31.9		
NF 30-30 T	3 x 380-415V	3.65	3	4	13.5-7.8	-	-		37	37	37	37	36.5	35.5	33	29	24	21	18	2 1/2" G	2" G	36		
NF 30-36 T	3 x 380-415V	4.9	4	5.5	17-9.8	-	-																	



NSBASIC (Twin Impeller)



APPLICATIONS

Multi-stage centrifugal pump with opposed twin impellers. Designed for use in pressurisation units for water supply systems and for supplying pressurised tanks. Suitable also for sprinkling, irrigation and other water supply applications.

CONSTRUCTION MATERIALS

Cast iron body and motor support treated against corrosion also on the inner surface. Technopolymer A impeller. Carbon/ceramic mechanical seal mounted on stainless steel rotor shaft extension.

TECHNICAL DATA

Operating range : From 1.5 to 30m³/h with head up to 97 metres.

Liquid quality requirements : Clean, free from solids or abrasive substances, non aggressive.

Liquid temperature range : NSBasic 3-40, NSBasic 5-50, NF 7-65 : From -10°C to + 50°C
 NSBasic 5-60, NF 8-65, NF 9-95 : From -15°C to +110°C

Maximum ambient temperature : +40°C

Maximum operating pressure : NSBasic 3-40 : 6 bar (600 kPa)
 NSBasic 5-50, NSBasic 5-60 : 8 bar (800 kPa)
 NF 7-65, NF 8-65 : 10 bar (1000kPa)
 NF 9-95

Installation : Fixed in a horizontal or vertical position, as long as the motor is above the pump.

Special executions on request : Other voltages and/or frequencies.

Motor protection : IP44

Insulation category : F

Model	Voltage 50Hz	Electrical Data					Hydraulic Data (n ≈ 2800 l/min)											∅		
		P1 Max kW	P2 Nominal kW	HP	AMPS A	Capacitor μf Vc	m ³ /h l/min	0	2.4	4.8	6.6	8.4	9.6	10.8	18	24	30	DNA G	DNM G	Weight kg
NSBasic 3-40 M	1 x 220-240V	1.2	0.75	1	5.5	20 450	H (m)	43.5	38	23.5	-	-	-	-	-	-	-	1"	1"	15
NSBasic 3-40 T	3 x 380-415V	1.2	0.75	1	4-2.3	-		52	46	33	17	-	-	-	-	-	-	1 1/4"	1"	22.5
NSBasic 5-50 M	1 x 220-240V	2	1.1	1.5	9	30 450		62	57	45	26	-	-	-	-	-	-	1 1/4"	1"	22.4
NSBasic 5-50 T	3 x 380-415V	2	1.1	1.5	6-3.5	-		64	61	56	48.5	39	30	-	-	-	-	1 1/2"	1"	37.1
NSBasic 5-60 T	3 x 380-415V	2.6	1.85	2.5	7.6-4.4	-		75	72	66	58	47	36.5	25	-	-	-	1 1/2"	1"	39.2
NF 7-65 T	3 x 380-415V	3.5	2.2	3	10.7-6.2	-		96	94	89	82	72	62	48	-	-	-	1 1/2"	1"	42.5
NF 8-65 T	3 x 380-415V	4.5	3	4	13-8,8	-														
NF 9-95 T	3 x 380-415V	6.2	4	5.5	18.7-10.8	-														