



RANGE OF PERFORMANCE

Flow rate up to 1200 l/min (72 m³/h)
Head up to 22.5 m

LIMITS OF USE

Manometric suction lift up to 7 m
Liquid temperature up to + 90°C
Environment temperature up to + 40°C

CONSTRUCTION AND SAFETY STANDARDS

EN 60034-1
IEC 34-1
CEI 2-3



INSTALLATION AND USE

THE **NF** SERIES, FROM THE POINT OF VIEW OF BOTH PERFORMANCE AND MECHANICAL DIMENSIONS, HAS BEEN EXPRESSLY DESIGNED FOR USE IN THE CIVIL, AGRICULTURAL AND INDUSTRIAL FIELD. THE HIGH FLOW RATES AND CONTINUOUS RATING MAKE IT IDEAL FOR IRRIGATION WITH FLOWING AND SPRINKLING WATER, FOR DRAWING WATER FROM LAKES, RIVERS, WELLS, AND FOR TRANSFER IN GENERAL.

The pumps must be installed in enclosed places, or at least protected against inclement weather.

GUARANTEE 2 YEARS subject to our general terms of sale.

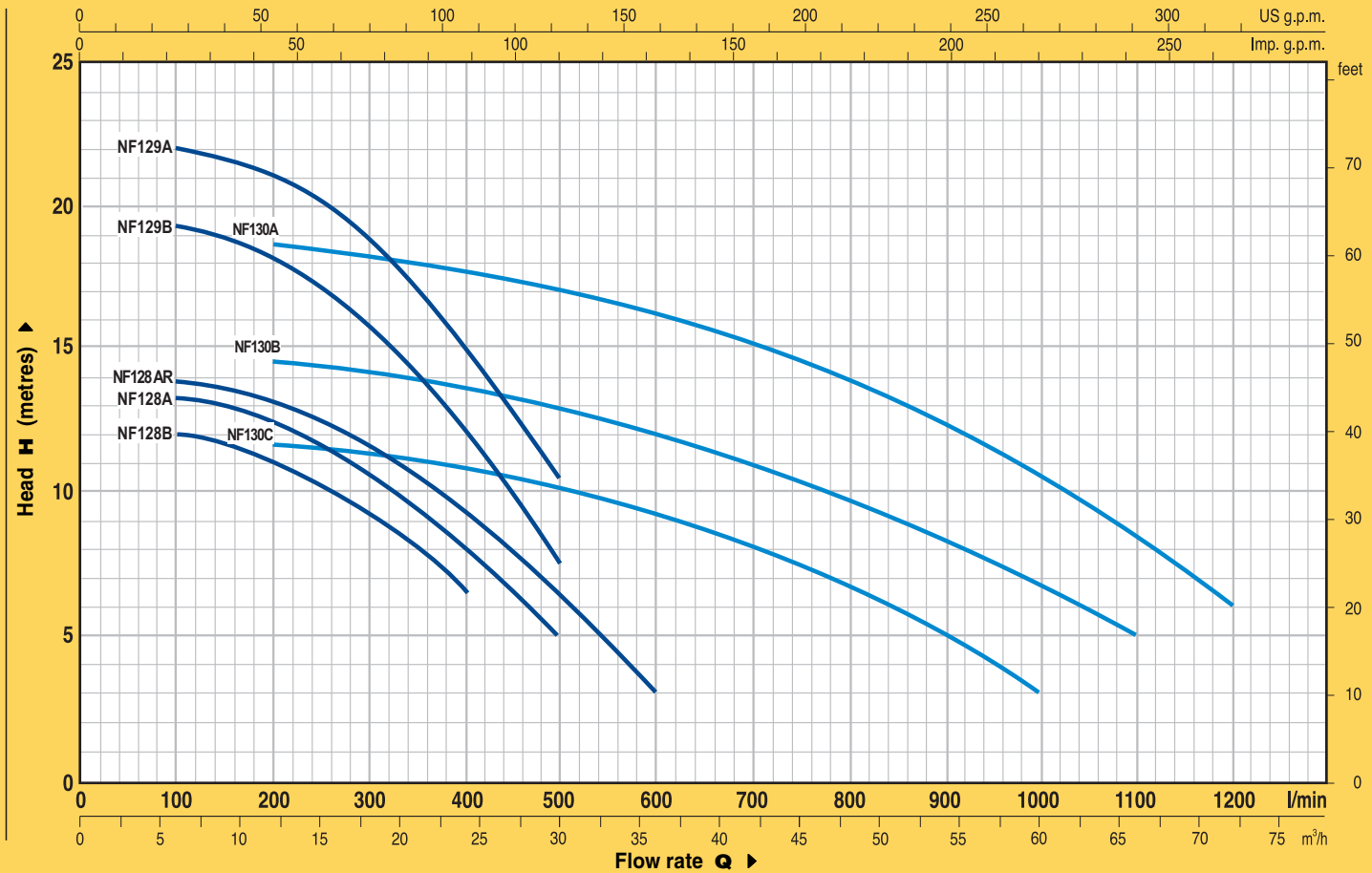
CONSTRUCTION CHARACTERISTICS

- **PUMP BODY:** cast iron, with threaded suction and delivery **FLANGES** ISO 228/1.
- **IMPELLER:** brass, of the type with centrifugal radial flow.
- **MOTOR SHAFT:** stainless steel EN 10088-3 - 1.4104.
- **MECHANICAL SEAL:** ceramic - graphite - NBR.
- **ELECTRIC MOTOR:** the pumps are close-coupled to a carefully matched PEDROLLO electric motor, quiet running, totally enclosed fan cooled (TEFC), suitable for continuous duty.
NFm: single-phase 230 V - 50 Hz with capacitor and thermal overload protector.
NF: three-phase 230/400 V - 50 Hz.
- **INSULATION:** class F. ● **PROTECTION:** IP 44.

OPTIONS ON REQUEST

- ⇒ special mechanical seal
- ⇒ other voltages or frequency 60 Hz

CURVES AND PERFORMANCE DATA AT n= 2900 1/min

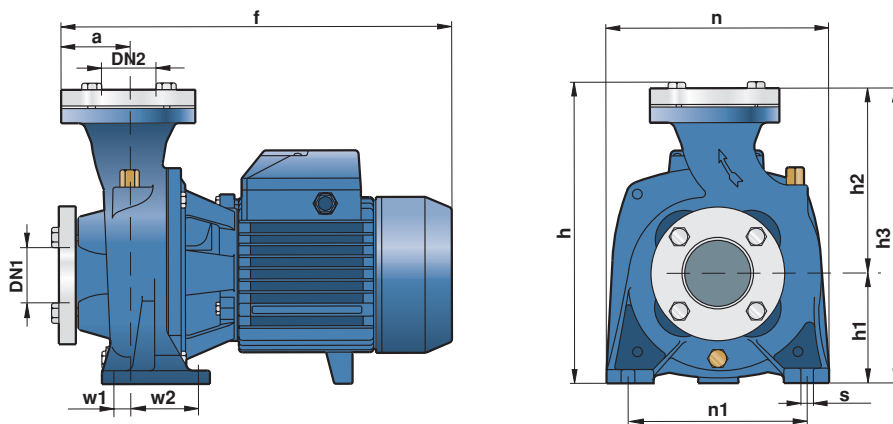


TYPE		POWER		Q	m³/h																
Single-phase	Three-phase	kW	HP		0	6	9	12	15	18	21	24	30	36	42	48	54	60	66	72	
NFm 128B	NF 128B	0.60	0.85	H metres	12.5	12	11.7	11	10.2	9.2	8	6.5									
NFm 128A	NF 128A	0.75	1		13.7	13.2	13	12.5	11.6	10.5	9.2	8	5								
NFm 128AR	NF 128AR	1.1	1.5		14.5	13.8	13.5	13.2	12.6	11.5	10.5	9.2	6.5	3							
NFm 129B	NF 129B	1.1	1.5		20.2	19.2	19	18	17	16	14	12	7.5								
NFm 129A	NF 129A	1.5	2		22.5	22	21.5	21	20	18.5	16.6	14.5	10								
NFm 130C	NF 130C	1.1	1.5		11.9	—	—	11.7	11.5	11.3	11.1	10.7	10.2	9.1	8	6.7	5	3			
NFm 130B	NF 130B	1.5	2		14.7	—	—	14.5	14.2	14	13.7	13.5	13.2	12	11	9.7	8.2	6.7	5		
—	NF 130A	2.2	3		18.5	—	—	18.1	18	17.8	17.5	17.2	16.8	16	15	13.8	12.2	10.5	8.3	6	

Q = Flow rate H = Total manometric head

Tolerance of the performance curves according to EN ISO 9906 App. A.

DIMENSIONS AND WEIGHTS



TYPE		PORTS		DIMENSIONS mm											kg*	
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	h3	n	n1	w1	w2	s	1~	3~
NFm 128B	NF 128B	2"	2"	65	344	271	97	167	264	196	160	8	60	12	19.8	17.1
NFm 128A	NF 128A														18.3	17.0
NFm 128AR	NF 128AR														18.3	18.3
NFm 129B	NF 129B														23.3	22.7
NFm 129A	NF 129A	3"	3"	56	398	276	110	159	269	206	160	1	62	11	26.0	24.6
NFm 130C	NF 130C														33.5	31.5
NFm 130B	NF 130B														34.4	33.4
—	NF 130A														-	34.6

(*weight includes counterflanges)