

**New self-priming pumps,
quiet running, reliable,
high efficiency, patented.**



RANGE OF PERFORMANCE

Flow rate up to 200 l/min (12 m³/h)
Head up to 120 m

LIMITS OF USE

Manometric suction lift up to 9 m
Liquid temperature up to + 40°C
Environment temperature up to + 40°C

CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1	EN 60034-1
IEC 335-1	IEC 34-1
CEI 61-150	CEI 2-3



INSTALLATION AND USE

They are recommended for clean water and liquids that are chemically non aggressive to the materials from which the pump is made.

PLURIJET SELF-PRIMING PUMPS ARE DESIGNED FOR LIFTING WATER, EVEN IN CASES WITH ENTRAINED AIR. THEIR QUIET RUNNING, RELIABILITY AND LOW POWER CONSUMPTION MAKES THEM PARTICULARLY SUITABLE FOR DOMESTIC AND CIVIL USE, INCLUDING PRESSURISATION AND DISTRIBUTION OF WATER, IRRIGATION AND RAINWATER RECOVERY SYSTEMS.

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.

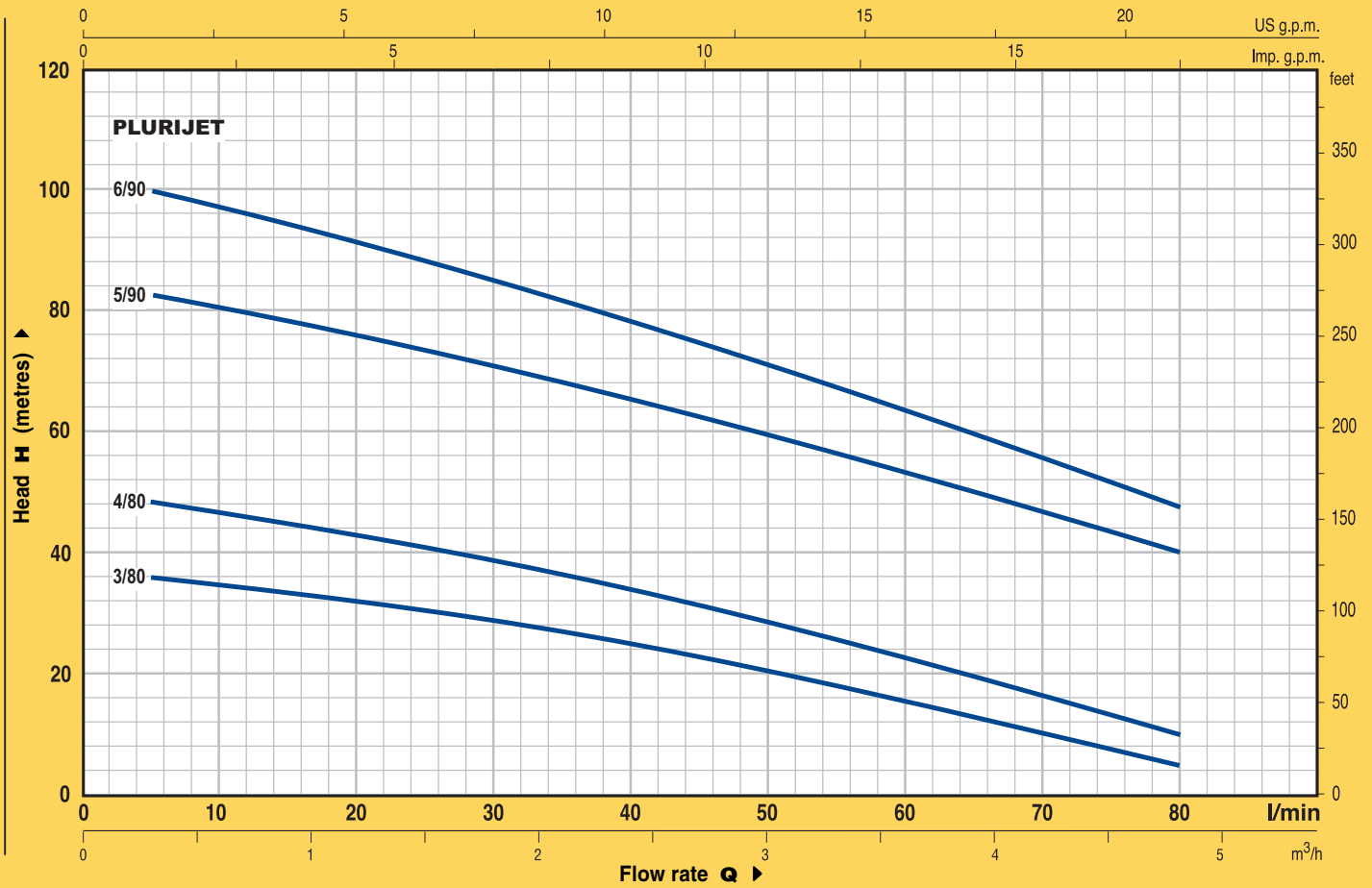
CONSTRUCTION CHARACTERISTICS

- **PUMP BODY:** cast iron and stainless steel AISI 304 (cast iron up to 0.75 kW), with threaded ports ISO 228/1.
- **IMPELLER:** technopolymer (approved for drinking water).
- **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.
PLURIJETm: single-phase 230 V - 50 Hz with capacitor and thermal overload protector.
PLURIJET: three-phase 230/400 V - 50 Hz.
- **INSULATION:** class F. ● **PROTECTION:** IP 44.
- **REGISTERED MODEL.**

OPTIONS ON REQUEST

- ⇒ version in stainless steel EN 10088-3 - 1.4401 (AISI 316)
- ⇒ other voltages or frequency 60 Hz

CURVES AND PERFORMANCE DATA AT n= 2900 1/min

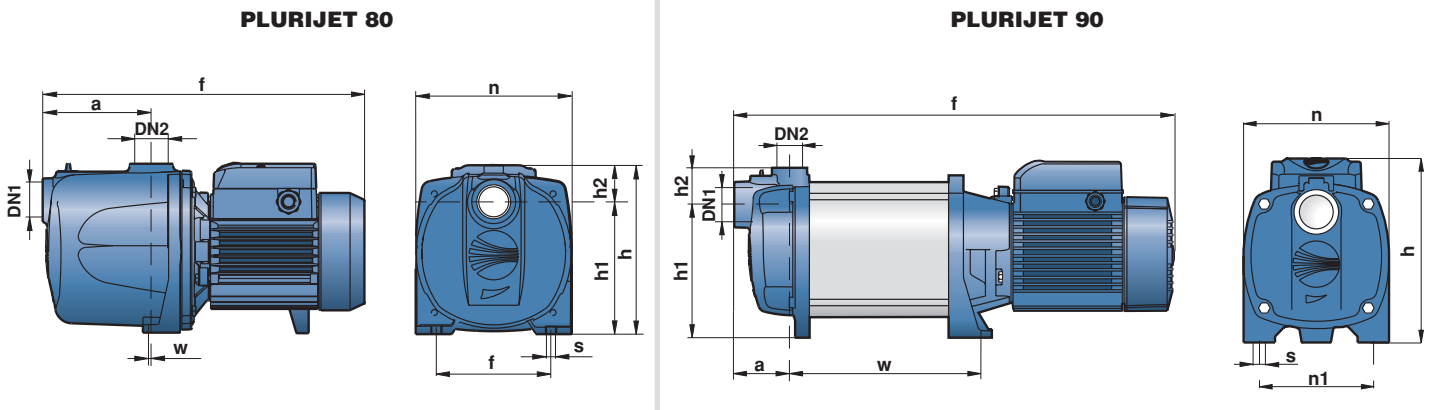


TYPE		POWER		Q	H metres											
Single-phase	Three-phase	kW	HP		m³/h	0	0.3	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	
PLURIJETm 3/80	PLURIJET 3/80	0.45	0.60	l/min	0	5	10	20	30	40	50	60	70	80		
PLURIJETm 4/80	PLURIJET 4/80	0.60	0.85	H metres	38	36	34.5	32	29	25	20	15.5	10.5	5		
PLURIJETm 5/90	PLURIJET 5/90	1.1	1.5		50	48	46.5	43	38.5	33.5	28	22.5	16.5	10		
PLURIJETm 6/90	PLURIJET 6/90	1.5	2		83	82	80	76	71	65	59	53	47	40		
					100	99	96	91.5	85	78	71	64	56	48		

Q = Flow rate H = Total manometric head

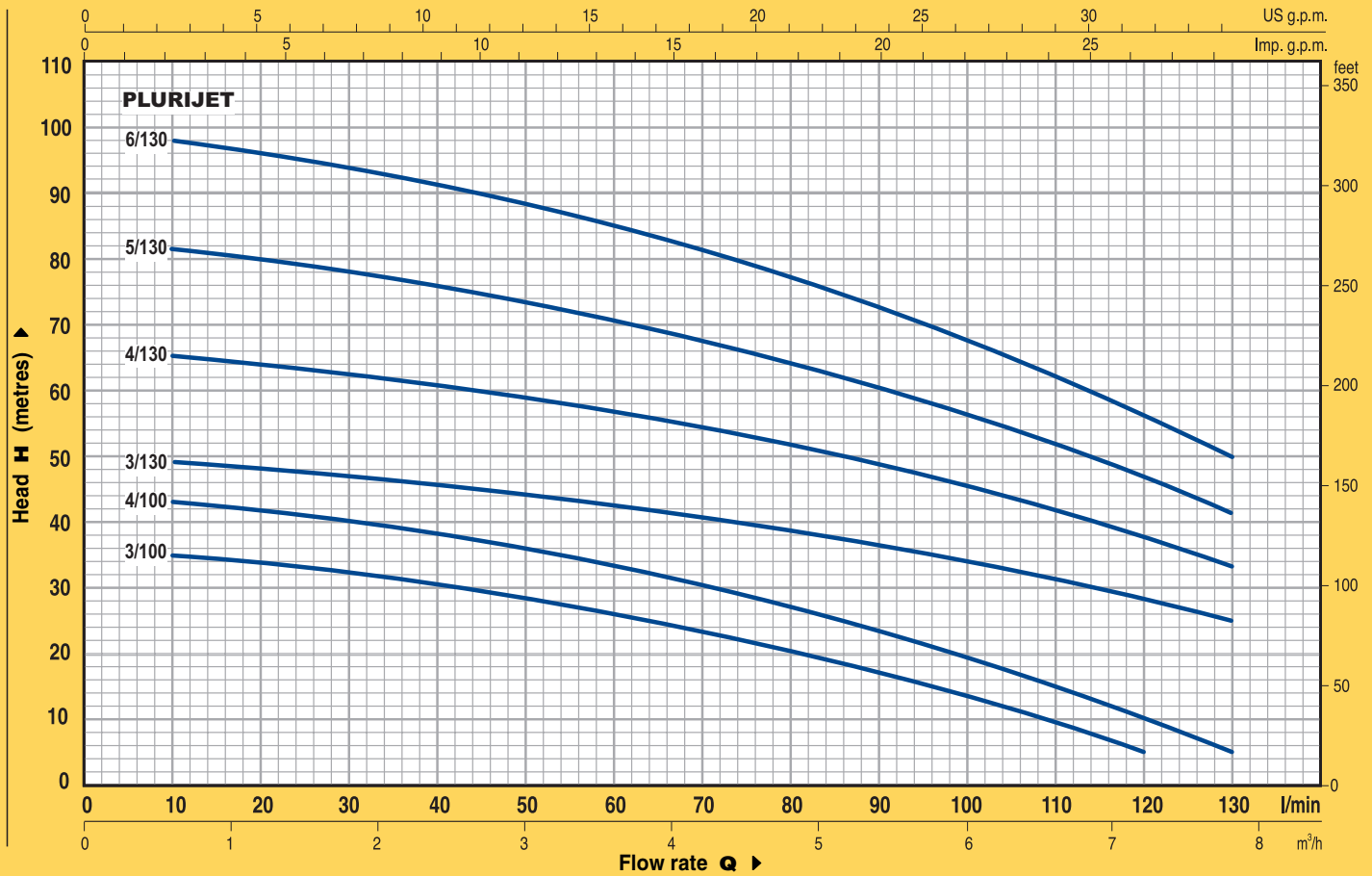
Tolerance of the performance curves according to EN ISO 9906 App. A.

DIMENSIONS AND WEIGHTS



TYPE		PORTS		DIMENSIONS mm									kg	
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	n	n1	w	s	1~	3~
PLURIJETm 3/80	PLURIJET 3/80	1"	1"	110	334	172	134	38	158	116	2	9	9.4	8.9
PLURIJETm 4/80	PLURIJET 4/80			135	367/359								10.8	10.2
PLURIJETm 5/90	PLURIJET 5/90	1 1/4"	1"	69	634	230	153	46	185	145	304	10	25.5	23.5
PLURIJETm 6/90	PLURIJET 6/90				665								335	27.5

CURVES AND PERFORMANCE DATA AT n= 2900 1/min

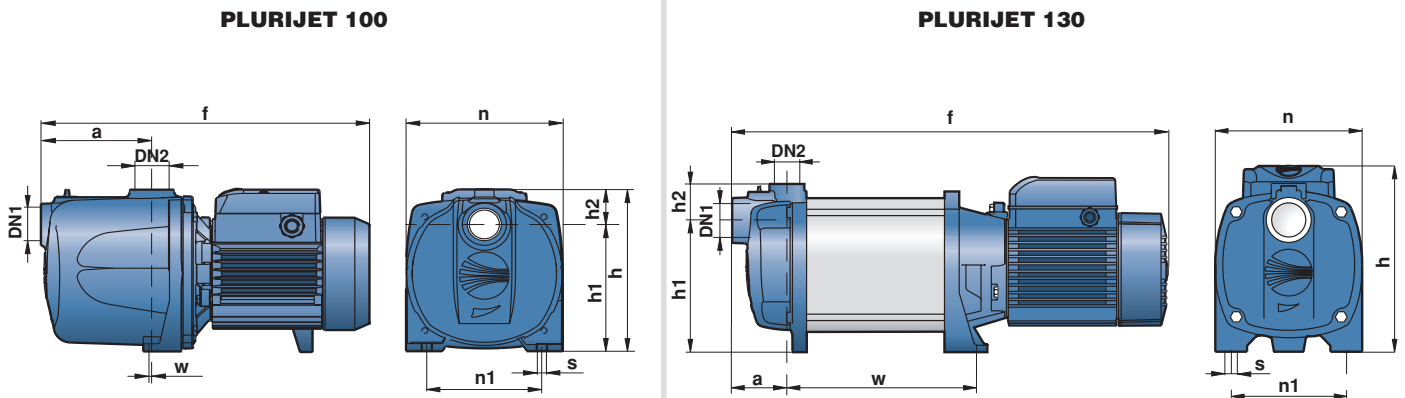


TYPE		POWER		Q	Flow rate												
Single-phase	Three-phase	kW	HP		m³/h	0	0.3	0.6	1.2	1.8	2.4	3.0	3.6	4.2	4.8	6.0	7.2
PLURIJETm 3/100	PLURIJET 3/100	0.60	0.85	l/min	0	5	10	20	30	40	50	60	70	80	100	120	130
PLURIJETm 4/100	PLURIJET 4/100	0.75	1	H metres	36	35.5	35	33.5	32	30	28	26	23	20	13.5	5	
PLURIJETm 3/130	PLURIJET 3/130	1.1	1.5		46	45	43	42	40	38	35.5	33	30	26.5	19	10	5
PLURIJETm 4/130	PLURIJET 4/130	1.5	2		50	49.5	49	48	47	45.5	44	42.5	40.5	38.5	34	28	25
PLURIJETm 5/130	PLURIJET 5/130	1.8	2.5		66	66	65	64	62	60.5	58.5	56.5	54	51	45	37	33
—	PLURIJET 6/130	2.2	3		83	82.5	81	80	78	75.5	73	70.5	67.5	64	56.5	46.5	41
—	—	—	—		100	99	98	96	94	91	88	85	81	77	68	56	50

Q = Flow rate H = Total manometric head

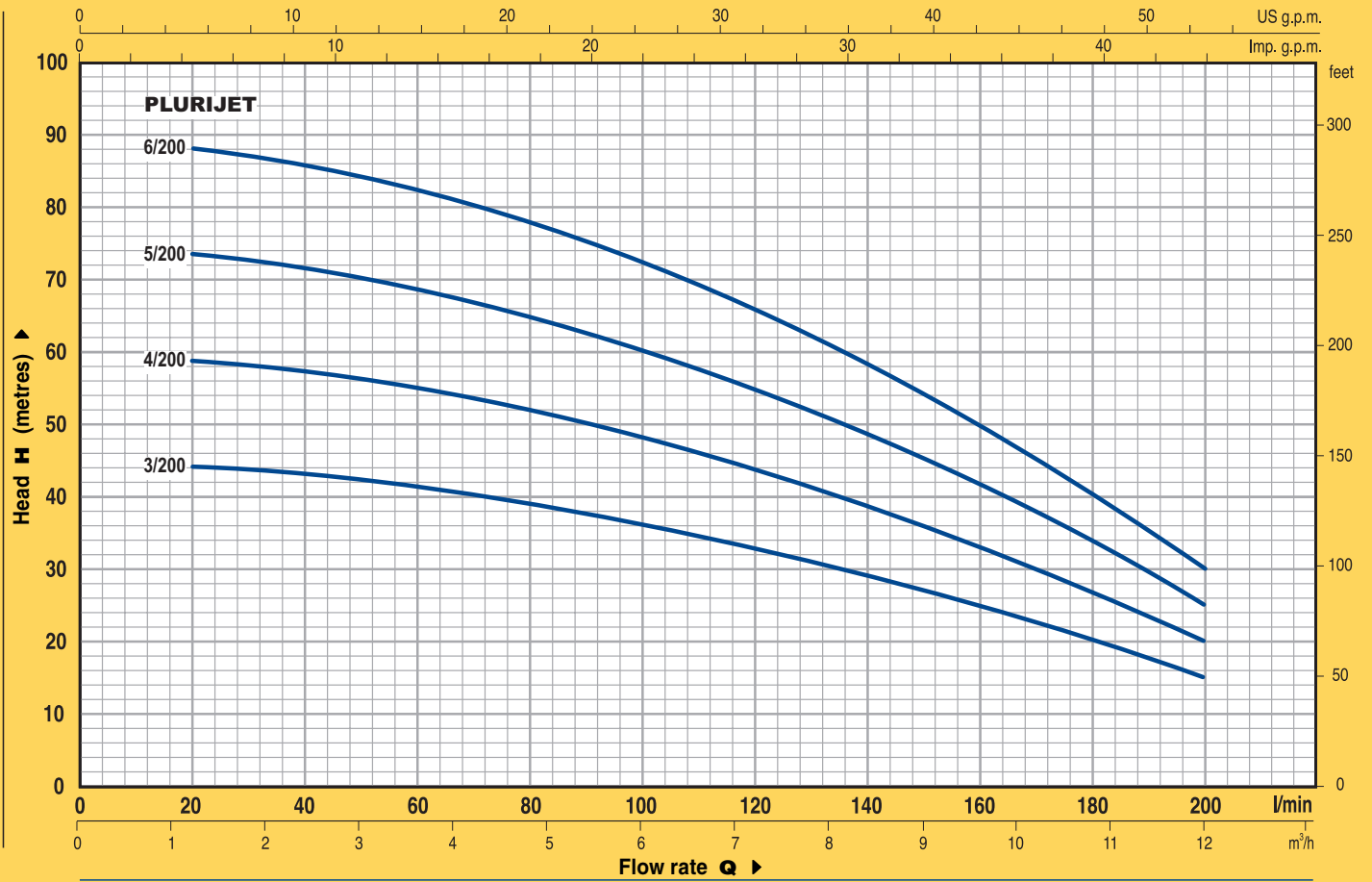
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DIMENSIONS AND WEIGHTS



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PLURIJETm 3/100	PLURIJET 3/100	1"	1"	110	342/334	172	134	38	158	116	2	9	10.2	9.4
PLURIJETm 4/100	PLURIJET 4/100			135	378	191		61					13.4	12.3
PLURIJETm 3/130	PLURIJET 3/130	1 1/4"	1"	69	571	230	153	46	185	145	241	10	23.5	21.6
PLURIJETm 4/130	PLURIJET 4/130				602						272		25.9	25.0
PLURIJETm 5/130	PLURIJET 5/130				634						304		27.5	27.0
—	PLURIJET 6/130				665						335		-	29.0

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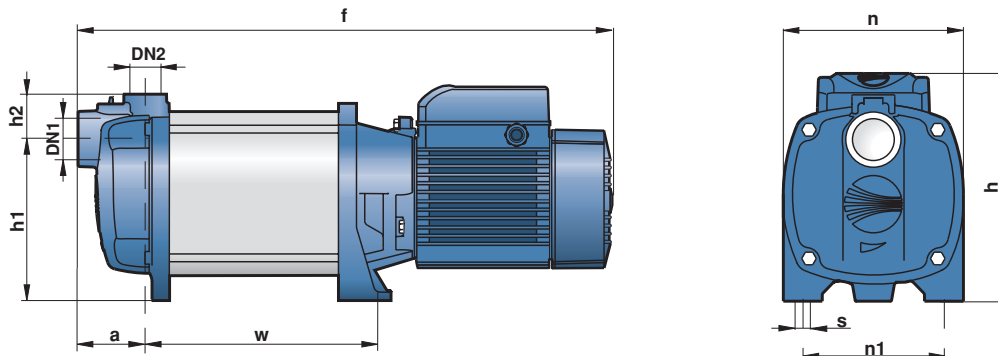


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Single-phase	Three-phase	kW	HP		m³/h	0	1.2	2.4	3.0	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12.0	
PLURIJETm 3/200	PLURIJET 3/200	1.1	1.5	H metres	0	20	40	50	60	80	100	120	140	160	180	200		
PLURIJETm 4/200	PLURIJET 4/200	1.5	2		45	44	43	42	41	39	36	32.5	29	25	20	15		
PLURIJETm 5/200	PLURIJET 5/200	1.8	2.5		60	58	57	56	54.5	52	48	43	38.5	33	26.5	20		
—	PLURIJET 6/200	2.2	3		75	73	71.5	70	68	65	60	54	48	41.5	33	25		
					90	88	86	84	82	78	72	65	58	50	40	30		

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

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