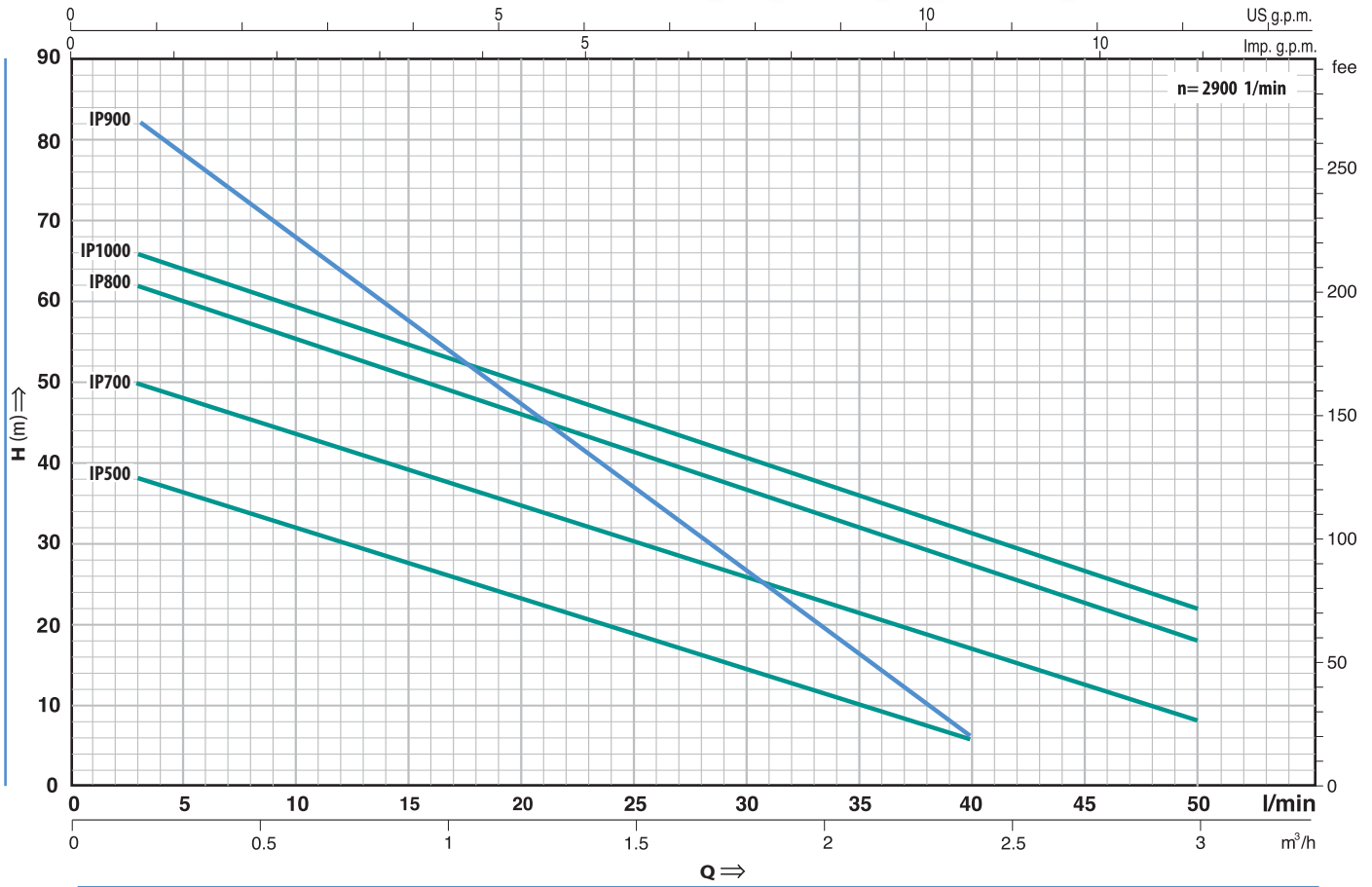




# IP

pumps with peripheral impeller



Q = Flow rate H = Total manometric head

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

TYPE		POWER		m³/h l/min	H metres															
Single-phase	Three-phase	kW	HP		0	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	3.0	3.6	4.2	4.8	5.4		
				0	5	10	15	20	25	30	35	40	50	60	70	80	90			
IP 500M	IP 500	0.37	0.50	40	38	33.5	29	24	19.5	15	10	5								
IP 700M	IP 700	0.50	0.70	55	50	45.5	40.5	36	31	27	22	17	8							
IP 800M	IP 800	0.60	0.85	65	62	57	52	47	42	37	32	27	18							
IP 1000M	IP 1000	0.75	1	70	66	61	56	51	46	41	36.5	31	22							
IP 900M	IP 900	0.75	1	90	82	71	60	49	38	27	17	5								

## DIMENSIONS AND WEIGHTS

TYPE		PORTS		DIMENSIONS mm												kg	
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	h3	i	m	n	n1	w	s	1~	3~
IP 500M	IP 500	1"	1"	42	243	152	63	75	138	20	80	120	100	55	7	5.3	5.3
IP 700M	IP 700			48	258/250			80	143							7.7	6.4
IP 800M	IP 800			55	285			85	156							10.1	9.2
IP 1000M	IP 1000			90		95	166	10.3	9.9								
IP 900M	IP 900			3/4"	3/4"	58	288										



#### RANGE OF PERFORMANCE

Flow rate up to 50 l/min (3.0 m<sup>3</sup>/h)

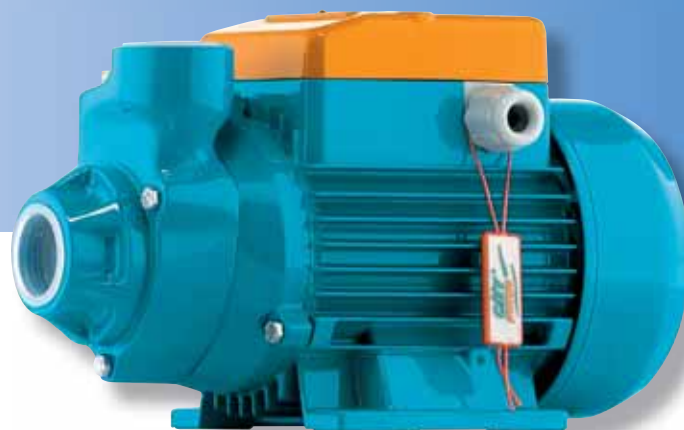
Head up to 90 m

#### LIMITS OF USE

Manometric suction lift up to 8 m

Liquid temperature up to + 60°C

Environment temperature up to + 40°C



#### INSTALLATION AND USE

They are recommended for pumping clean water without abrasive particles and liquids that are chemically non aggressive to the materials from which the pump is made.

**FOR THEIR RELIABILITY, SIMPLICITY OF USE AND ECONOMY THEY ARE SUITABLE FOR DOMESTIC USE AND IN PARTICULAR FOR DISTRIBUTING WATER IN COMBINATION WITH SMALL PRESSURE SETS, FOR IRRIGATING GARDENS.**

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 ports ISO 228/1.
- **MOTOR BRACKET:** aluminium with brass insert; reduces starting difficulties due to seizure of the impeller after long periods of inactivity.

- **IMPELLER:** brass, of the type with radial peripheral vanes.
- **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 electric motor, quiet running, totally enclosed fan cooled, suitable for continuous duty.
- **IP M:** single-phase 230 V - 50 Hz with capacitor and thermal overload protector.
- **IP:** 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

#### CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1

EN 60034-1

IEC 335-1

IEC 34-1

CEI 61-150

CEI 2-3



## DIMENSIONS

