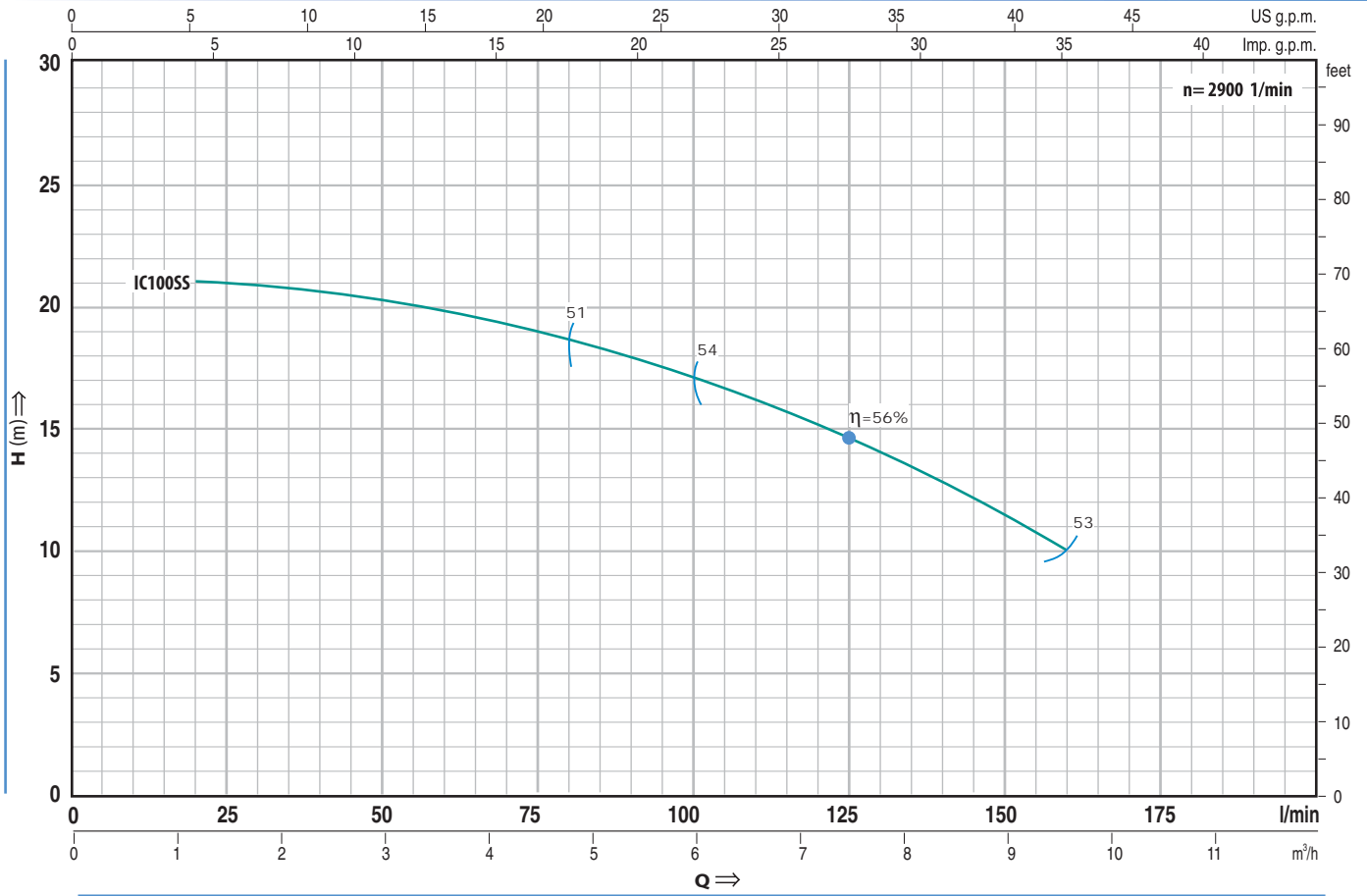




IC-SS

stainless steel centrifugal pump



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	0	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6
Single-phase	Three-phase	kW	HP		0	20	40	60	80	100	120	140	160
IC 100 MSS	IC 100 SS	0.75	1	H metres	23	21	20.5	20	18.5	17	15	13	10

DIMENSIONS AND WEIGHTS

TYPE		PORTS		DIMENSIONS mm										kg	
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	h3	n	n1	w	s	1~	3~
IC 100 MSS	IC 100 SS	1 1/4"	1"	31.5	295	206	97	103	200	182	115	93	10	9.1	9.1



RANGE OF PERFORMANCE

Maximum flow rate 160 l/min (9.6 m³/h)

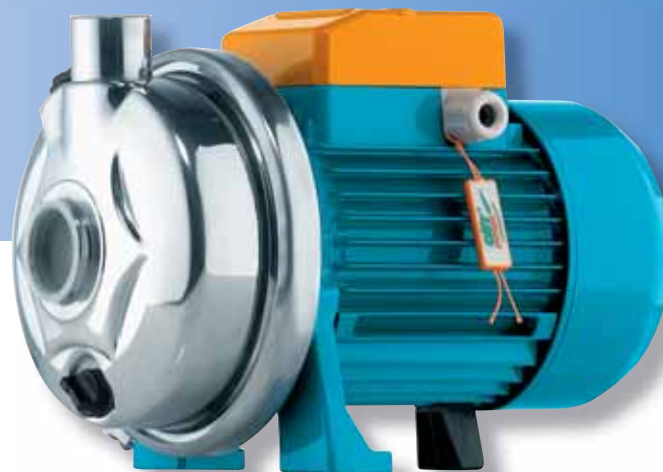
Maximum head 23 m

LIMITS OF USE

Manometric suction lift up to 7 m

Liquid temperature up to + 90°C

Environment temperature up to + 55°C



INSTALLATION AND USE

It is recommended for pumping clean water and liquids that are chemically non aggressive to the materials from which the pump is made. **THE CONSTRUCTION OF THESE CENTRIFUGAL PUMPS MAKES THEM SUITABLE FOR USE IN THE DOMESTIC, AGRICULTURAL AND INDUSTRIAL SECTOR. ALL THE WETTED PARTS ARE IN STAINLESS STEEL AISI 304 TO GUARANTEE TOTAL HYGIENE AND MAXIMUM RESISTANCE TO CORROSION.**

The pump 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:** stainless steel AISI 304, with threaded ports ISO 228/1.
 - **BODY BACK-PLATE AND DIFFUSER:** AISI 304.
 - **IMPELLER:** stainless steel AISI 304, 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 electric motor, quiet running, totally enclosed fan cooled, suitable for continuous duty.
- IC 100 MSS:** single-phase 230 V - 50 Hz with capacitor and thermal overload protector.
IC 100 SS: three-phase 230/400 V - 50 Hz.
- **INSULATION:** class F.
 - **PROTECTION:** IP 44.

OPTIONS ON REQUEST

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

CONSTRUCTION AND SAFETY STANDARDS

EN 60034-1

IEC 34-1

CEI 2-3



DIMENSIONS

