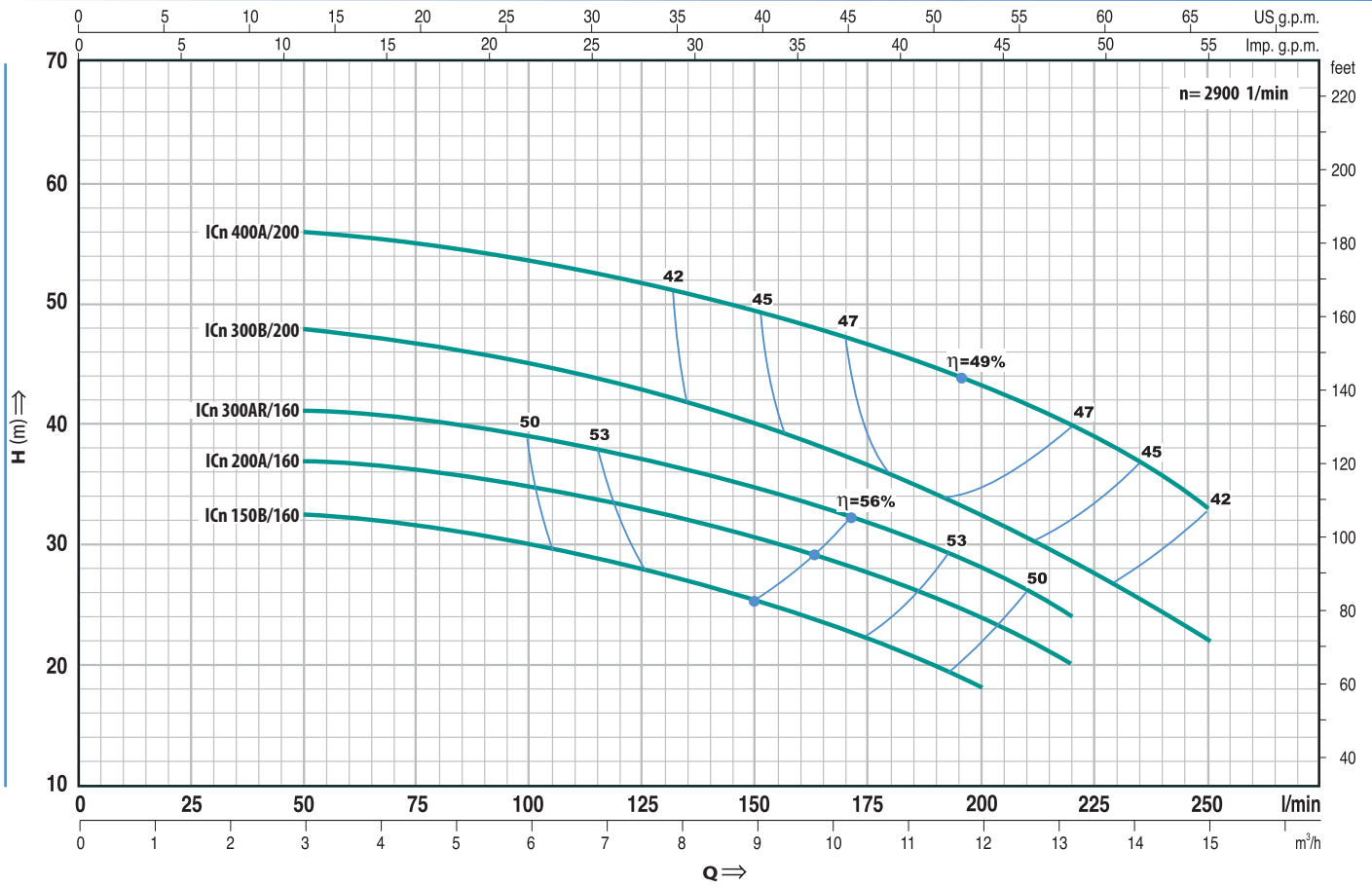




ICn

standardised centrifugal pumps to "EN 733 - DIN 24255"



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	3.0	3.6	4.2	4.8	5.4	6.0	6.6	7.5	8.4	9.6	10.8	12.0	13.2	15.0		
				0	50	60	70	80	90	100	110	125	140	160	180	200	220	250			
ICn 150BM/160	ICn 150B/160	1.1	1.5	H metres	33	32.5	32	31.5	31	30.5	30	29	28	26.5	24	21.5	18				
ICn 200AM/160	ICn 200A/160	1.5	2		38	37	36.8	36.5	36	35.5	35	34	33	31.5	29.5	27	24	20			
---	ICn 300AR/160	2.2	3		42	41	41	40.5	40	39.5	39	38	37	36	34	31	28	24			
ICn 300BM/200	ICn 300B/200	2.2	3		49	48	47.5	47	46.5	45.5	45	44	43	41	38.5	36	32	28	22		
---	ICn 400A/200	3	4		57	56	55.8	55.5	55	54.5	53.5	53	52	50.5	48.5	46	43.5	40	33		

DIMENSIONS AND WEIGHTS

TYPE		PORTS		DIMENSIONS mm										kg	
Single-phase	Three-phase	DN1	DN2	a	f	h	h1	h2	n	n1	w1	w2	s	1~	3~
ICn 150BM/160	ICn 150B/160	1 1/2"	1"	56	386	260	105	155	206	150	27.5	27.5	10	20.7	18.7
ICn 200AM/160	ICn 200A/160													21.7	21.0
---	ICn 300AR/160													-	21.8
ICn 300BM/200	ICn 300B/200			60	384/359	305	125	180	252	210	23.5	39.5	11	31.0	28.6
---	ICn 400A/200				384									-	30.7



RANGE OF PERFORMANCE

Flow rate up to 250 l/min (15 m³/h)

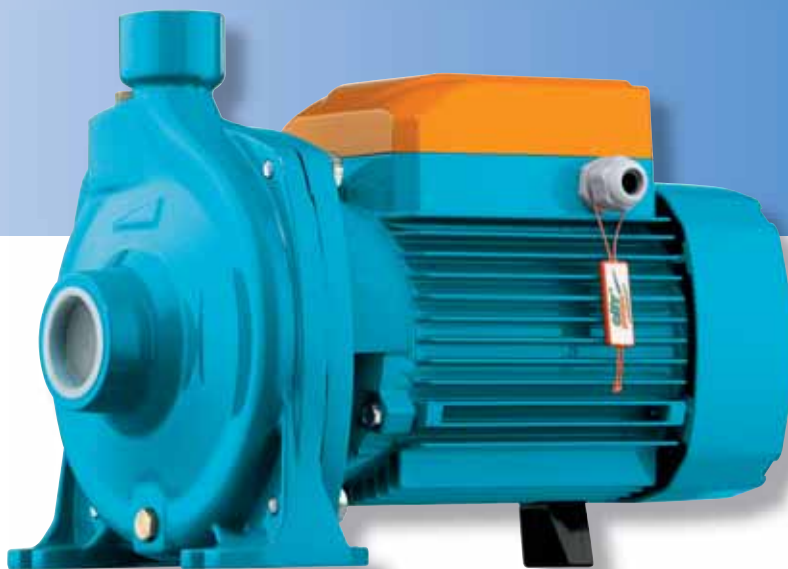
Head up to 57 m

LIMITS OF USE

Manometric suction lift up to 7 m

Liquid temperature up to + 90°C

Environment temperature up to + 40°C



INSTALLATION AND USE

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

THE PUMPS IN THIS SERIES ARE MADE TO STANDARDS EN 733 - DIN 24255 AND ARE SPECIFICALLY USED IN THE CIVIL, INDUSTRIAL OR AGRICULTURAL SECTORS WHERE THEIR CHARACTERISTICS OF STURDINESS AND RELIABILITY CAN BE BEST APPRECIATED.

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**, made to standards EN 733 - DIN 24255 and UNI 7467- NF E-44-111, with threaded ports 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 electric motor, quiet running, totally enclosed fan cooled, suitable for continuous duty.

ICn M: single-phase 230 V - 50 Hz with capacitor and thermal overload protector up to 1.5 kW.

ICn: 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 60034-1

IEC 34-1

CEI 2-3



DIMENSIONS

