

Помпи центробежни двустъпални



Two stage pumps recognised for their high efficiency, versatility and quiet running.

RANGE OF PERFORMANCE

Flow rate up to 400 l/min (24 m³/h)

Head up to 112 m

LIMITS OF USE

Manometric suction lift up to 7 m

Liquid temperature up to + 90°C

Liquid temperature up to + 40°C in the ICBX version (with technopolymer impeller)

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.

THEIR HIGH EFFICIENCY AND ADAPTABILITY TO THE MOST VARIED, EVEN UNUSUAL APPLICATIONS, MAKE THEM THE IDEAL CHOICE IN THE DOMESTIC, CIVIL AND INDUSTRIAL FIELD; IN PARTICULAR FOR DISTRIBUTING WATER IN COMBINATION WITH PRESSURE SETS, FOR INCREASING PRESSURE IN THE MAINS, FOR FIRE-FIGHTING SETS.

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

- **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, with high efficiency (class EFF1 for powers from 4 to 7.5

kW), quiet running, totally enclosed fan cooled, suitable for continuous duty.

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

ICB: three-phase 230/400 V - 50 Hz up to 4 kW. 400/690 V - 50 Hz from 5.5 to 7.5 kW.

- **INSULATION:** class F.
- **PROTECTION:** IP 44.

ICB 100N

- **PUMP BODY:** cast iron, with threaded ports ISO 228/1.
- **BODY BACK-PLATE:** stainless steel AISI 304.
- **IMPELLERS:** stainless steel AISI 304 of the type with centrifugal radial flow.

Other ICB

- **PUMP BODY:** cast iron, with threaded ports ISO 228/1.
- **IMPELLERS:** brass, of the type with centrifugal radial flow.

OPTIONS ON REQUEST

- ⇒ impeller in **technopolymer** (ICB M...X - ICB...X)

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

CONSTRUCTION AND SAFETY STANDARDS

EN 60034-1

IEC 34-1

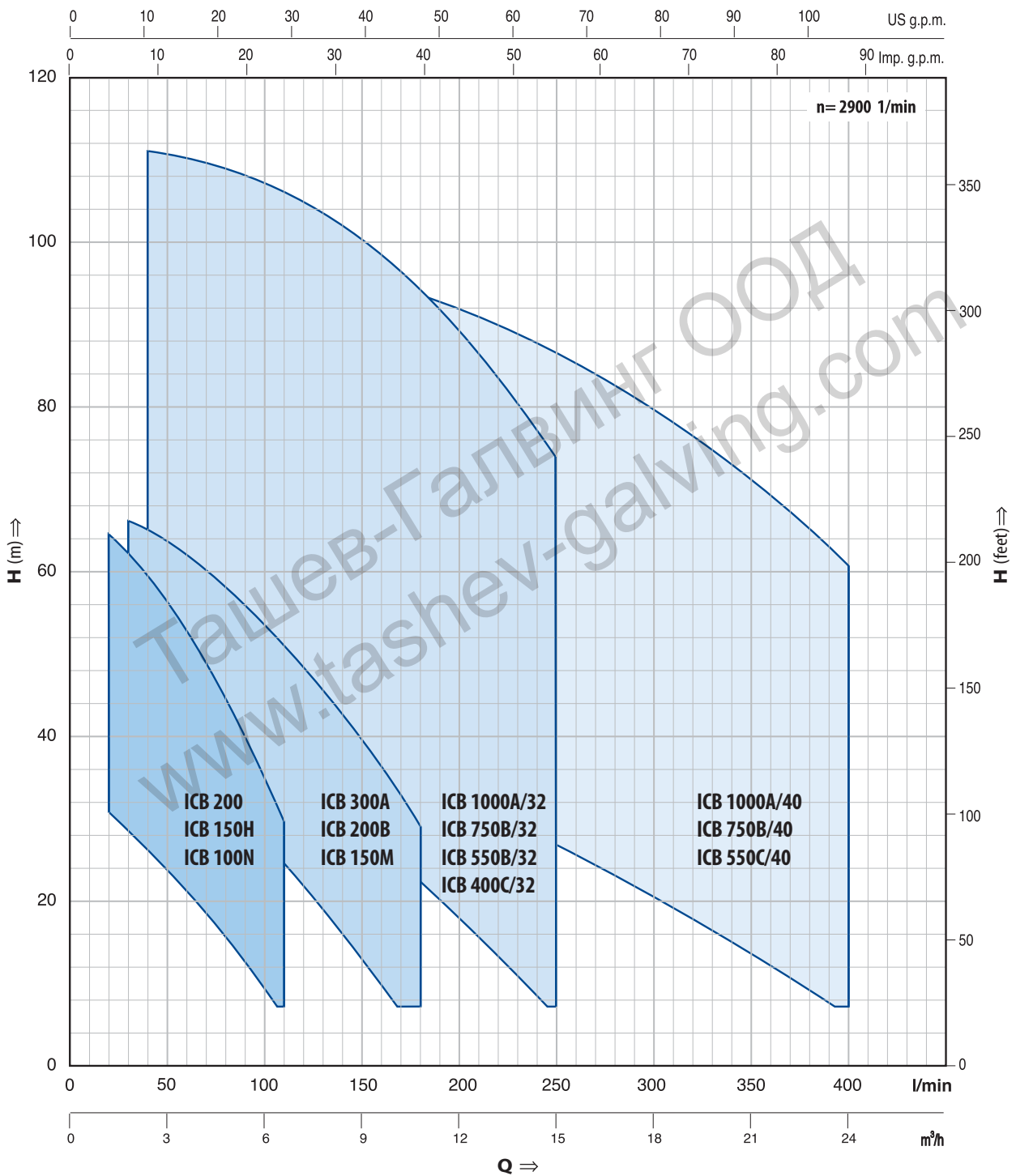
CEI 2-3





ICB

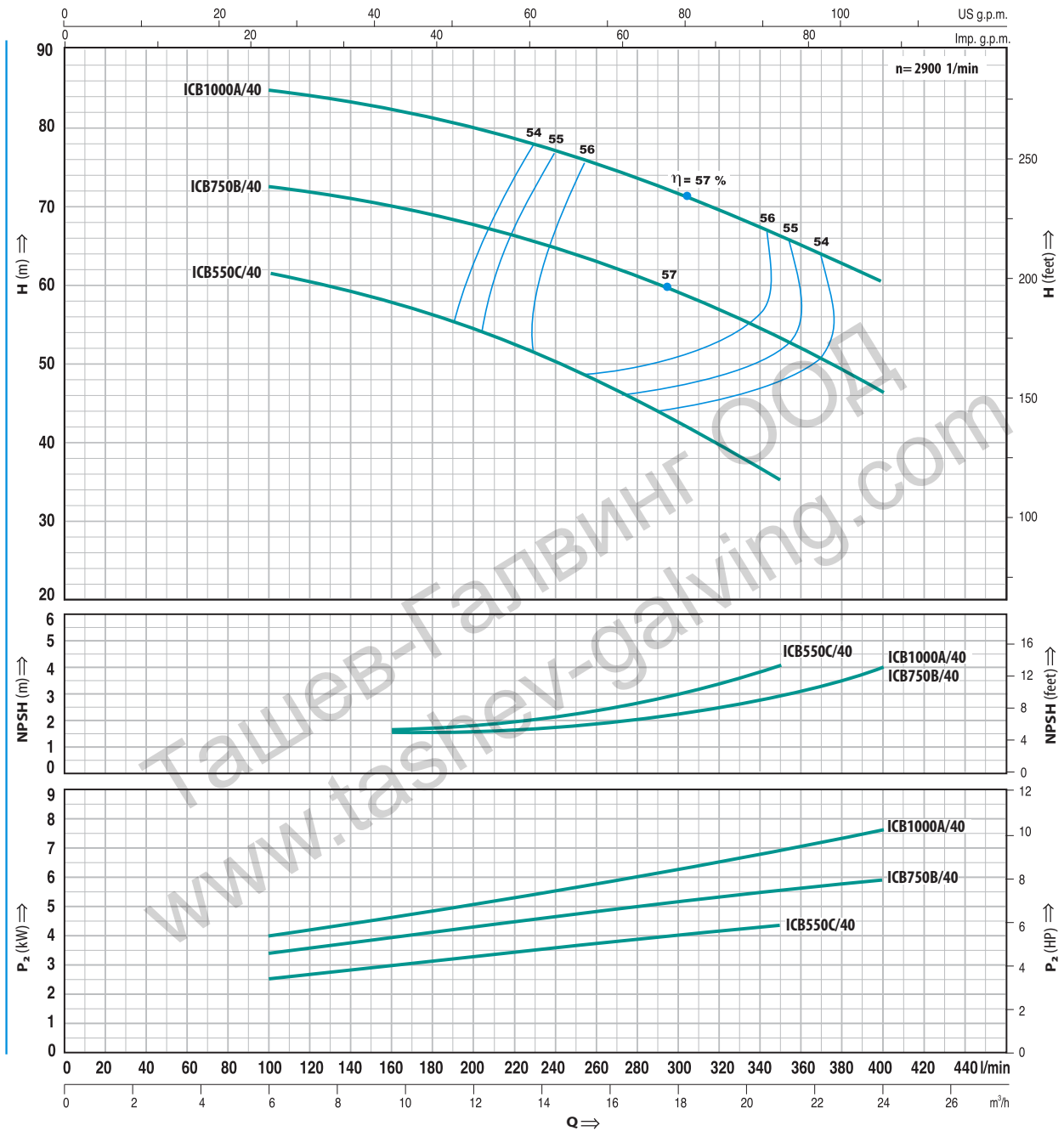
two stage centrifugal pumps





ICB

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Q = Flow rate H = Total manometric head

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

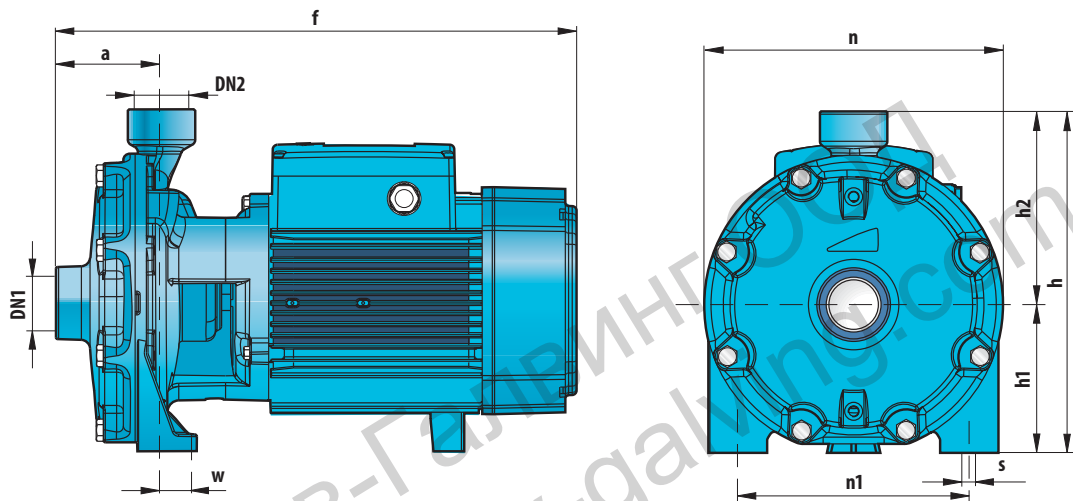
TYPE	POWER		m³/h	0	6.0	6.6	7.5	8.4	9.6	10.8	12.0	15.0	18.0	21.0	24.0
	kW	HP		0	100	110	125	140	160	180	200	250	300	350	400
ICB 550C/40	4	5.5	H metres	64	62	61	60	59	58	56	54.5	49	43	35	
ICB 750B/40	5.5	7.5		76	73	72.5	72	71	70	69	67.5	64	59.5	54	46
ICB 1000A/40	7.5	10		88	85	84.5	84	83	82	81	79.5	76	72	67	60



ICB

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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~	
ICB 100NM	ICB 100N	1 1/4"	1"	73	330	201	92	109	180	142	1	10	14.5	14.0	
ICB 150HM	ICB 150H			74	382	225	93	132	200	162	23		20.1	19.4	
ICB 200M	ICB 200			84	405	263	110	153	225	185	26		11	24.8	24.1
ICB 150MM	ICB 150M			74	382	225	93	132	200	162	23		10	20.1	19.2
ICB 200BM	ICB 200B	1 1/2"	1"	86	407	263	110	153	225	185	26	11	24.6	25.2	
---	ICB 300A			-	-	26.1									
ICB 400C/32M	ICB 400C/32	1 1/4"	1 1/4"	95	464	304	132	172	266	206	19	14	42.9	39.1	
---	ICB 550B/32			-	-	42.9									
---	ICB 750B/32			-	-	56.0									
---	ICB 1000A/32			-	-	61.7									
---	ICB 550C/40	2"	1 1/4"	108	496	334	139	195	292	232	21	14	-	49.8	
---	ICB 750B/40				542								-	55.1	
---	ICB 1000A/40		1 1/2"	-	-	60.8									