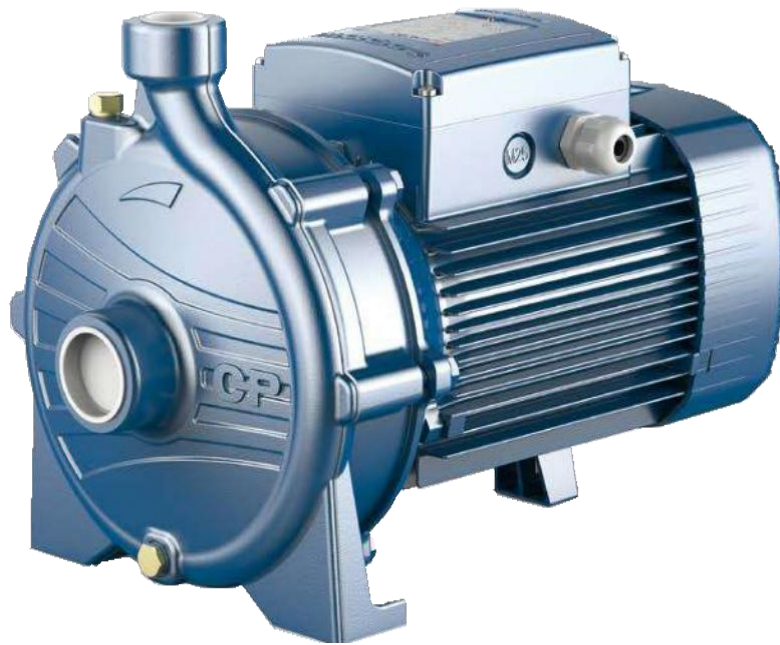


- ✓ CLEAN WATER
- ✓ CIVIL USE
- ✓ AGRICULTURAL USE
- ✓ INDUSTRIAL USE



PERFORMANCE RANGE

- Flow rate up to **900 l/min** (54 m³/h)
- Head up to **76 m**

INSTALLATION AND USE

Designed to transfer clean water free from abrasive particles and liquids that will not damage the pump's components.

Reliable and easy to operate, these pumps are widely used in civil, agricultural, and industrial settings for water supply, air conditioning and cooling systems, and irrigation purposes.

ELECTRIC MOTOR

Equipped with cutting-edge electric motors, the three-phase pumps are designed to work with inverters, offering stable and noiseless performance.

APPLICATION LIMITS

Manometric suction head up to **7 m**

Liquid temperature between **-10 °C** and **+90 °C**

Ambient temperature between **-10 °C** and **+40 °C**

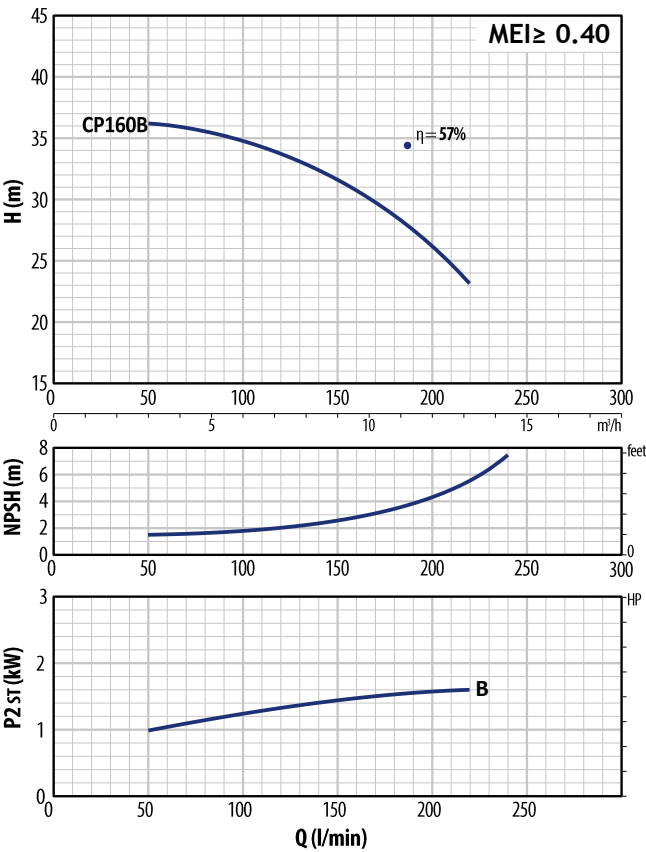
Maximum working pressure of **10 bar**



CURVES AND PERFORMANCE DATA – HS=0m

CP 160

50 Hz



CP 160

TYPE		POWER (P2)				m³/h	0	3	4.5	6	7.5	9	10.5	12	13.2	14.4
Single-phase	Three-ph.	kW	HP	1~	3~	l/min	0	50	75	100	125	150	175	200	220	240
CPm160B	CP160B	1.5	2	IE2	IE3	H metres	37	36	35.5	34.5	33.5	31.5	29	26.5	23	

Q = Flow rate H = Total manometric head HS = Suction height

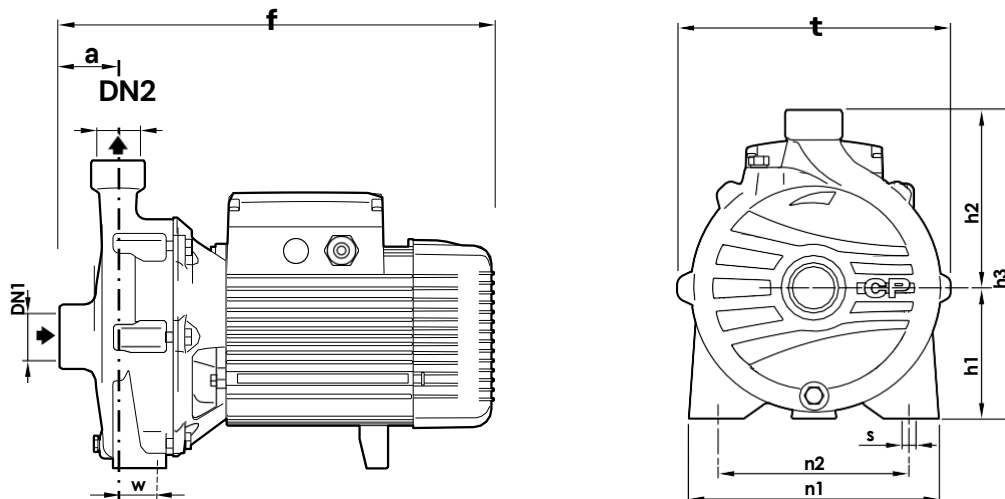
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

ABSORPTION

TYPE	VOLTAGE
Single-phase	230 V
CPm160B	10.3 A



DIMENSIONS AND WEIGHT



TYPE		PORTS		DIMENSIONS mm										kg	
Single-ph.	Three-ph.	DN1	DN2	a	f	h1	h2	h3	t	n1	n2	w	s	1~	3~
CPm 160B	CP 160B	1½"	1"	54	370	110	150	260	—	206	165	44.5	11	20.0	20.0

PALLET CAPACITY

TYPE		NO. OF PUMPS
Single-ph.	Three-ph.	
CPm 160B	CP 160B	50



CONSTRUCTION FEATURES

1 Pump body Cast iron with ISO 228/1 threaded ports

2 Cover Cast iron

3 Impeller Stainless steel for CP160

4 Mechanical seal	Pump	Seal	Shaft	Materials
	CP 160B	FN-18	Ø 18 mm	Graphite / Ceramic / NBR

5 Motor shaft Stainless steel **AISI 431**

6 Electric motor

CPm: single-phase 230 V - 50 Hz.
CP: three-phase 230/400 V - 50 Hz up to 4 kW.
 400/690 V - 50 Hz from 5.5 to 11 kW.

※ Pumps are equipped with high-efficiency motors
 (IEC 60034-30-1) class **IE2** for single-phase models
 class **IE3** for three-phase models
 Continuous running duty **S1**

