

# 3-4CP

## multi-stage centrifugal pumps

**Particularly quiet running with high efficiency and low power consumption. Suitable for domestic applications.**



### RANGE OF PERFORMANCE

Flow rate up to 34 gpm  
Head up to 164 ft

### LIMITS OF USE

Manometric suction lift up to 23 ft  
Liquid temperature up to + 104°F  
Environment temperature up to + 104°F

### CONSTRUCTION AND SAFETY STANDARDS

EN 60 335-1	EN 60034-1
IEC 335-1	IEC 34-1
CEI 61-150	CEI 2-3



### 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.

**DUE TO THEIR RELIABILITY, QUIET RUNNING AND LOW MAINTENANCE, THEY ARE SUITABLE FOR DOMESTIC APPLICATIONS INCLUDING WATER SUPPLIES (AS A PRESSURE SET), GARDEN IRRIGATION, ETC.**

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.

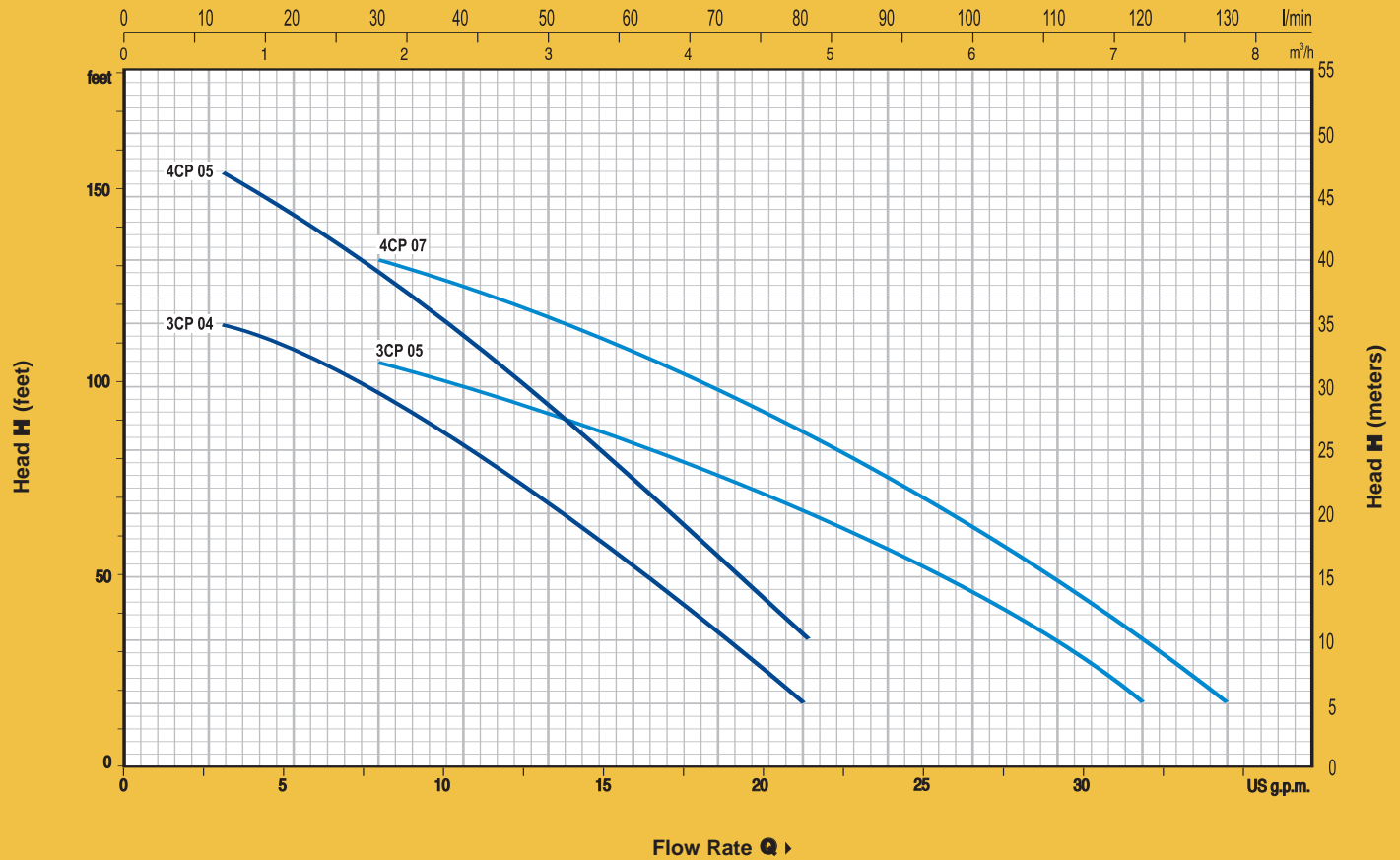
### CONSTRUCTION CHARACTERISTICS

- **PUMP BODY:** cast iron, with threaded ports.
- **BODY BACK-PLATE:** stainless steel AISI 304.
- **IMPELLERS:** of the type with centrifugal radial flow, made of technopolymer (approved for drinking water).
- **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 PEDROLLO electric motor, quiet running, totally enclosed fan cooled (TEFC), suitable for continuous duty.
  - 3-4CP:** single-phase 115 V or 230 V - 60 Hz with capacitor and thermal overload protector.
  - 3-4CP:** three-phase 230/460 V - 60 Hz.
- **INSULATION:** class F. • **PROTECTION:** IP 44.
- **REGISTERED MODEL**

### OPTIONS ON REQUEST

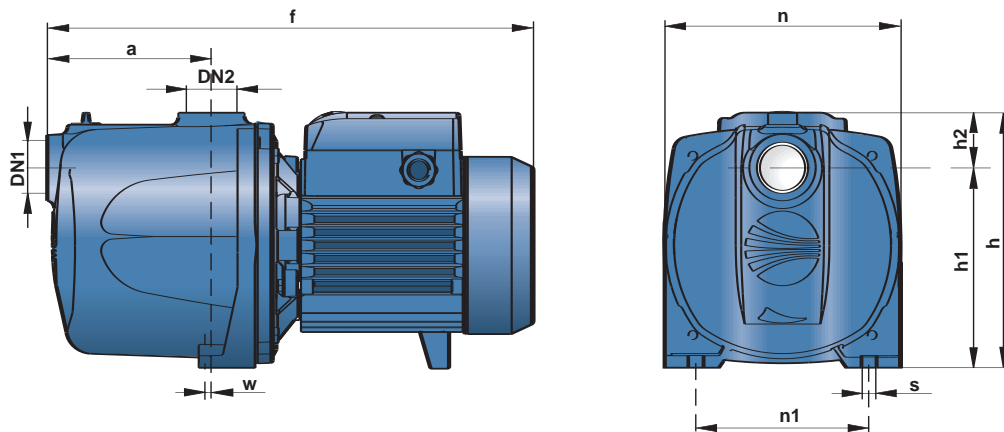
⇒ other voltages or frequency 50 Hz

**CURVES AND PERFORMANCE DATA**



MODEL		HP	FLOW RATE GPM																
1 PH	3 PH		0	1	2	3	5	6	7	10	13	15	18	21	23	26	29	31	34
3CP 04	3CP 04	0.4	<b>H Feet</b>																
4CP 05	4CP 05	0.5																	
3CP 05	3CP 05	0.5																	
4CP 07	4CP 07	0.7																	

**DIMENSIONS AND WEIGHT**



MODEL		SUCTION /DISCH		DIMENSIONS INCHES										LBS	
1 PH	3 PH	DN1	DN2	a	f	h	h1	h2	n	n1	w	s	1-	3-	
3CP 04	3CP 04	1"	1"	4.3	13.1	6.8	5.3	1.5	6.2	4.6	0.1	0.4	0.4	0.4	
4CP 05	4CP 05	1"	1"	5.3	14.5 / 14.2	6.8	5.3	1.5	6.2	4.6	0.1	0.4	0.4	0.4	
3CP 05	3CP 05	1"	1"	4.3	13.5 / 13.2	6.8	5.3	1.5	6.2	4.6	0.1	0.4	0.4	0.4	
4CP 07	4CP 07	1"	1"	5.3	14.9	7.5	5.3	2.4	6.2	4.6	0.1	0.4	0.5	0.5	