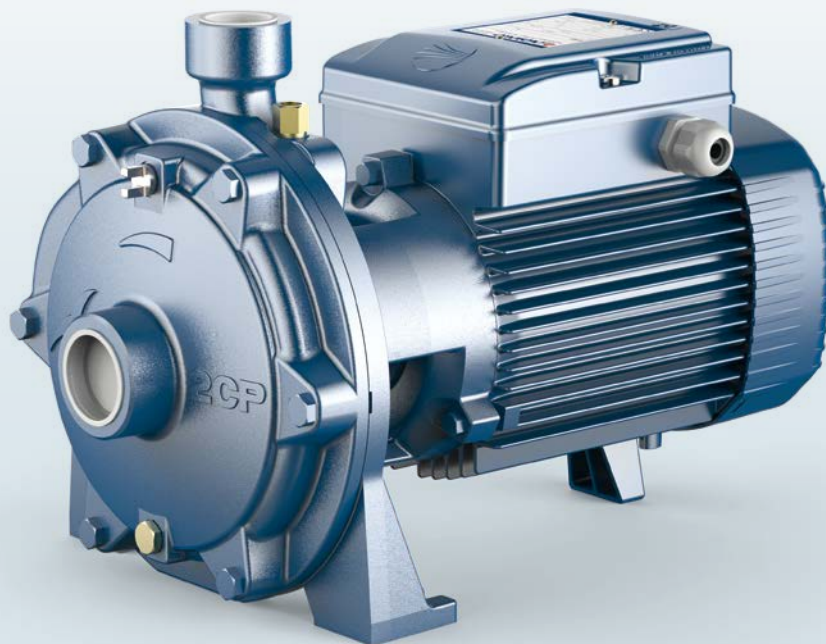


-  Clean water
-  Domestic use
-  Civil use
-  Industrial use



PERFORMANCE RANGE

- Flow rate up to **450 l/min** (27 m³/h)
- Head up to **112 m**

INSTALLATION AND USE

They are recommended for pumping clean water and liquids that are chemically non-aggressive for the pump materials.

Its high efficiency and adaptability to a wide variety of applications make it an ideal choice in the domestic, civil and industrial sectors, particularly for water distribution in conjunction with autoclave tanks, for increasing network pressure, and for fire-fighting units.

APPLICATION LIMITS

- Manometric suction head up to **7 m**
- Liquid temperature between from **-10 °C** and **+90 °C**
- Ambient temperature between **-10 °C** and **+40 °C**
- Maximum working pressure **10 bar**

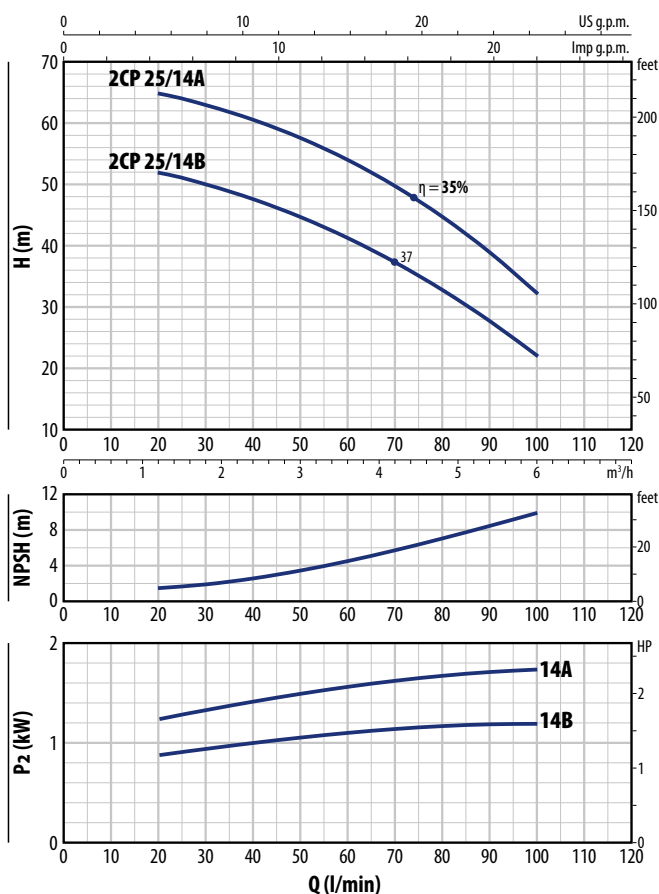
AVAILABLE UPON REQUEST

- ✘ Mechanical seal options available
- ✘ Different voltage or frequency
- ✘ IPX5 protection for:
 - 2CP32/200 – 2CP40/180
 - 2CP32/210 – 2CP40/200

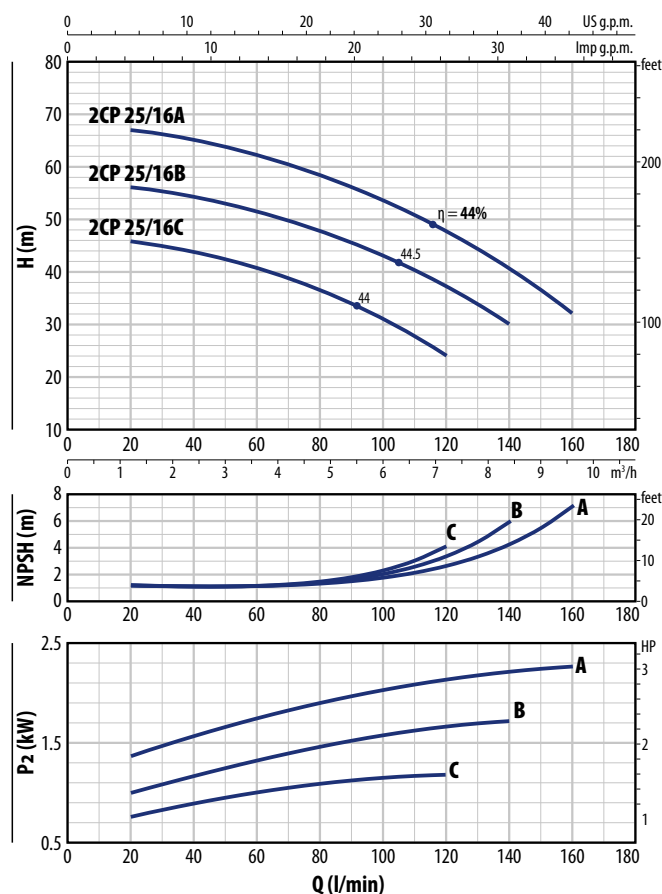
CURVES AND PERFORMANCE DATA – HS=0 m

60 Hz

2CP 25/14



2CP 25/16



2CP 25/14

TYPE		POWER (P ₂)		3~	Q m³/h l/min	0	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
Single-phase	Three-phase	kW	HP			0	20	30	40	50	60	70	80	90	100
2CPm 25/14B	2CP 25/14B	1.1	1.5	IE3	H m	54	52	50	47.5	44.5	41	37	32.5	27.5	22
2CPm 25/14A	2CP 25/14A	1.5	2			67	65	63	60.5	57.5	54	49.5	44.5	39	32

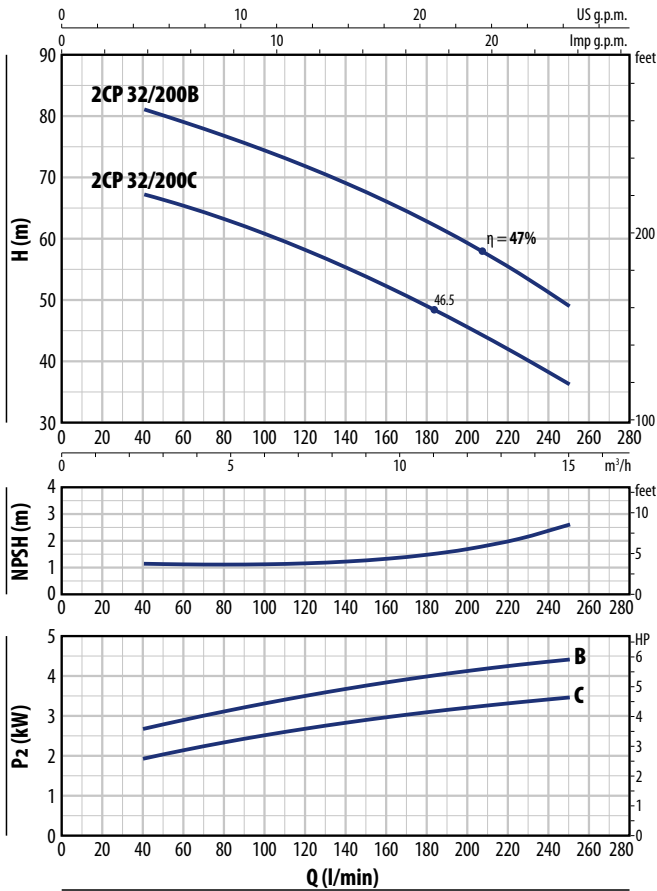
2CP 25/16

TYPE		POWER (P ₂)		3~	Q	m ³ /h	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
Single-phase	Three-phase	kW	HP			l/min	0	20	40	60	80	100	120	140	160
2CPm 25/16C	2CP 25/16C	1.1	1.5	IE3	H m	47	46	44	40.5	36	30.5	24			
2CPm 25/16B	2CP 25/16B	1.5	2			58	56	54	51	47.5	43	37	30		
2CPm 25/16A	2CP 25/16A	2.2	3			68	67	65	62	58.5	54	48	40.5	32	

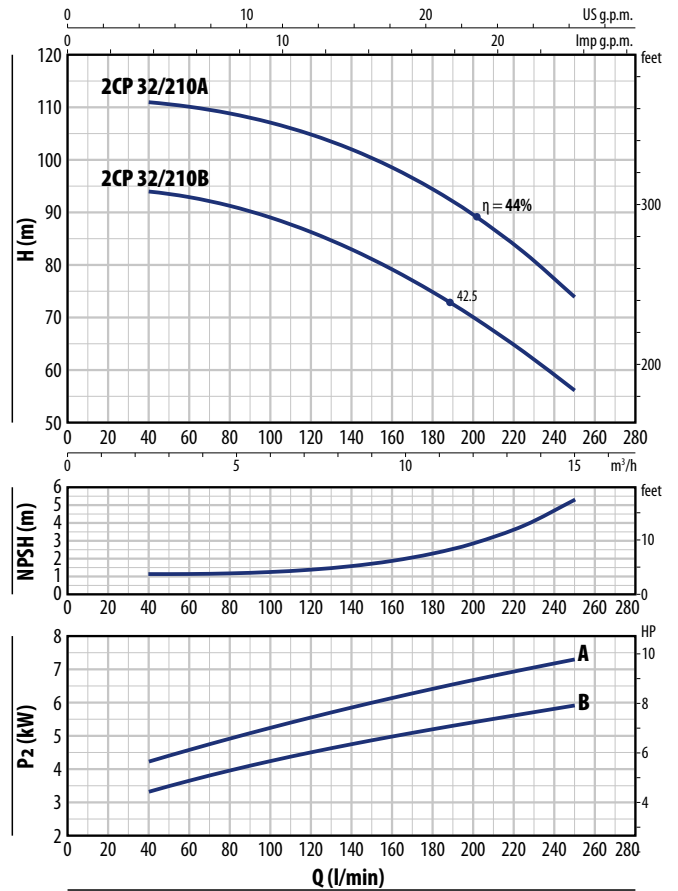
Q = Flow rate H = Total manometric head HS = Suction height

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

2CP 32/200



2CP 32/210



2CP 32/200

TYPE	POWER (P ₂)		3~	Q													
	kW	HP			m³/h	0	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.5	15
Three-phase					l/min	0	40	60	80	100	120	140	160	180	200	225	250
2CP 32/200C	3	4	IE3	H m		70	67	65	63	60.5	58	55	52	48.5	45.5	41	36
2CP 32/200B	4	5.5				85	81	79	77	74.5	71.5	69	66	62.5	59	54.5	49

2CP 32/210

TYPE	POWER (P ₂)		3~	Q													
	kW	HP			m³/h	0	2.4	3.6	4.8	6	7.2	8.4	9.6	10.8	12	13.5	15
Three-phase					l/min	0	40	60	80	100	120	140	160	180	200	225	250
2CP 32/210B	5.5	7.5	IE3	H m		94	94	93	91	89	86	83	79	75	70	63.5	56
2CP 32/210A	7.5	10				112	111	110	109	107	105	102	99	95	90	82.5	74

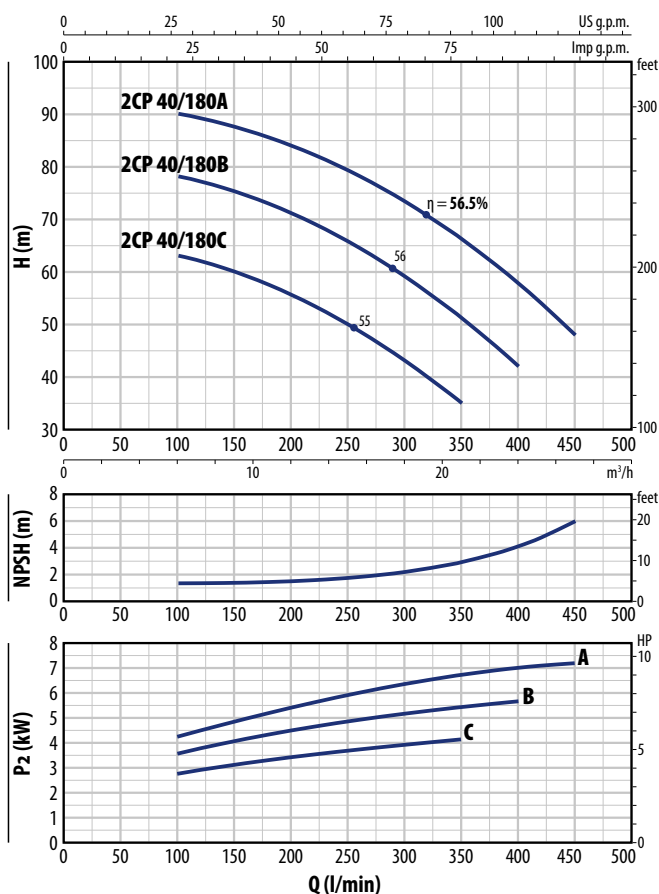
Q = Flow rate H = Total manometric head HS = Suction height

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

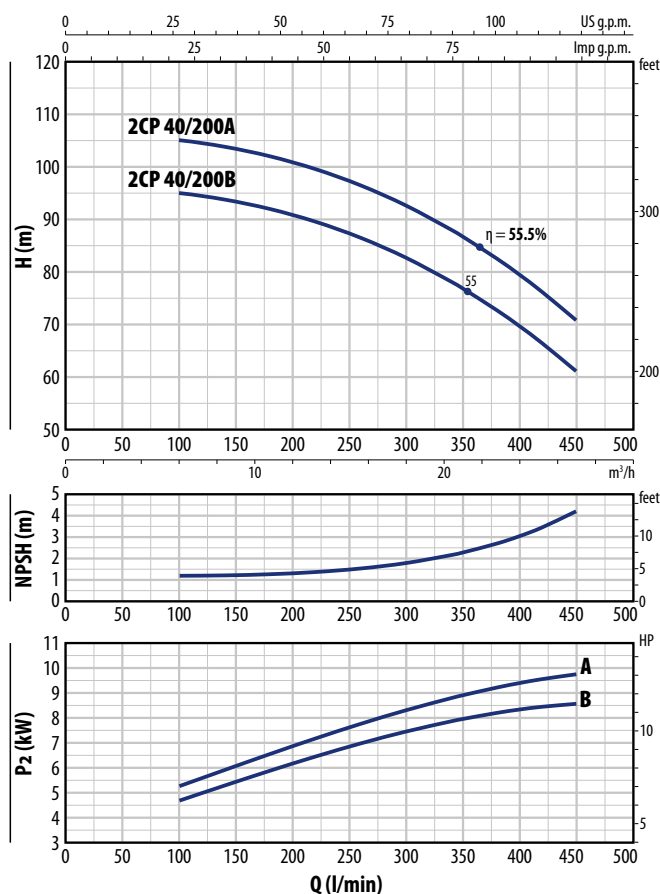
CURVES AND PERFORMANCE DATA – HS=0 m

60 Hz

2CP 40/180



2CP 40/200



2CP 40/180

TYPE	POWER (P2)		3~	Q	0	6	9	12	15	18	21	24	27
	kW	HP			0	100	150	200	250	300	350	400	450
2CP 40/180C	4	5.5	IE3	H m	65	63	60	55.5	50	43	35		
2CP 40/180B	5.5	7.5			80	78	75	71	65.5	59	51	42	
2CP 40/180A	7.5	10			92	90	87.5	84	79	73.5	66	58	48

2CP 40/200

TYPE	POWER (P2)		3~	Q	0	6	9	12	15	18	21	24	27
	kW	HP			0	100	150	200	250	300	350	400	450
2CP 40/200B	9.2	12.5	IE3	H m	96	95	93	91	87	83	77	69.5	61
2CP 40/200A	11	15			106	105	103	101	97	93	87	79.5	71

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

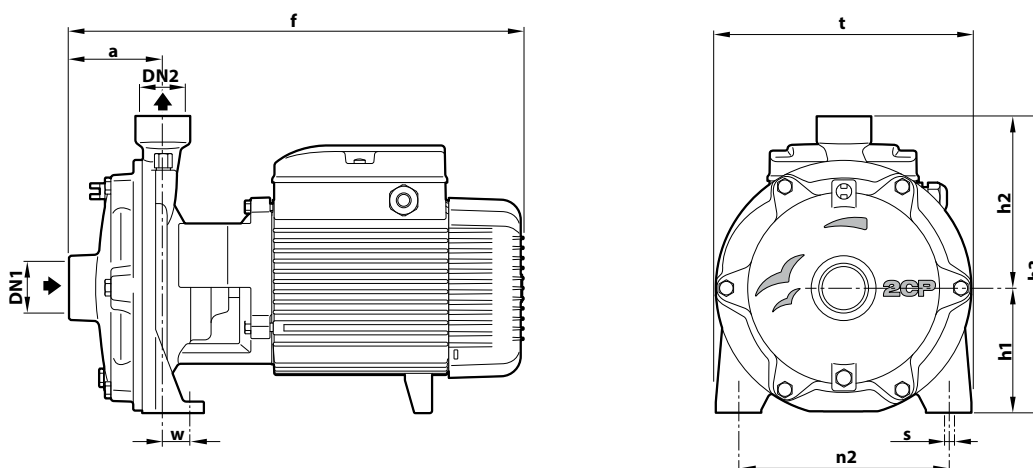
Performance curves comply with EN ISO 9906 Grade 3B tolerance limits.

ABSORPTION

TYPE	VOLTAGE
Single-phase	220 V
2CPm 25/14B	8.0 A
2CPm 25/14A	11.0 A
2CPm 25/16C	7.7 A
2CPm 25/16B	11.0 A
2CPm 25/16A	14.5 A

TYPE	VOLTAGE			
Three-phase	220 V - Δ	380 V - Δ	220 V - Δ	440 V - Δ
2CP 25/14B	5.4 A	3.1 A	4.3 A	2.5 A
2CP 25/14A	6.9 A	4.0 A	6.9 A	3.7 A
2CP 25/16C	6.9 A	4.0 A	4.2 A	2.5 A
2CP 25/16B	8.3 A	4.8 A	6.9 A	3.9 A
2CP 25/16A	9.3 A	5.4 A	8.6 A	4.7 A
2CP 32/200C	14.4 A	8.3 A	14.4 A	9.0 A
2CP 32/200B	21.7 A	12.5 A	19.9 A	12.6 A
2CP 32/210B	25.0 A	14.5 A	23.0 A	13.8 A
2CP 32/210A	33.8 A	19.5 A	32.0 A	19.5 A
2CP 40/180C	19.9 A	11.5 A	19.0 A	12.9 A
2CP 40/180B	25.0 A	14.5 A	23.0 A	13.8 A
2CP 40/180A	31.2 A	18.0 A	31.0 A	19.0 A
2CP 40/200B	35.0 A	20.0 A	36.0 A	20.0 A
2CP 40/200A	40.0 A	23.0 A	40.0 A	22.0 A

DIMENSIONS AND WEIGHT



TYPE		PORTS		DIMENSIONS mm									kg		
Single-phase	Three-phase	DN1	DN2	a	f	h1	h2	h3	t	n2	w	s	1~	3~	
2CPm 25/14B	2CP 25/14B	1¼"	1"	82	404	93	130	223	200	162	17	10	20.8	20.8	
2CPm 25/14A	2CP 25/14A					110	151	261	225	185	26	11	24.7	24.6	
2CPm 25/16C	2CP 25/16C					93	130	223	200	162	17	10	21.3	20.6	
2CPm 25/16B	2CP 25/16B					110	151	261	226	185	26	11	24.5	24.4	
2CPm 25/16A	2CP 25/16A				424								27.1	27.3	
—	2CP 32/200C	1½"	1¼"	95	464	132	172	304	266	206	19	14	—	38.9	
—	2CP 32/200B												—	42.0	
—	2CP 32/210B	2"		1½"	108	541	139	195	334	292	232		21	—	54.9
—	2CP 32/210A					—								60.0	
—	2CP 40/180C	110	620		160	195	355	298	—	48.7					
—	2CP 40/180B								—	53.0					
—	2CP 40/180A								—	59.0					
—	2CP 40/200B			—					93.0						
—	2CP 40/200A			—					92.0						

PALLET CAPACITY

TYPE		GROUPAGE	CONTAINER
Single-phase	Three-phase	n. pumps	n. pumps
2CPm 25/14B	2CP 25/14B	50	70
2CPm 25/14A	2CP 25/14A	50	70
2CPm 25/16C	2CP 25/16C	50	70
2CPm 25/16B	2CP 25/16B	50	70
2CPm 25/16A	2CP 25/16A	35	40

TYPE	GROUPAGE	CONTAINER
Three-phase	n. pumps	n. pumps
2CP 32/200C	18	24
2CP 32/200B	18	24
2CP 32/210B	12	16
2CP 32/210A	12	16
2CP 40/180C	12	16
2CP 40/180B	12	16
2CP 40/180A	12	16
2CP 40/200B	6	9
2CP 40/200A	6	9

MATERIALS AND COMPONENTS

1 Suction body Cast iron with ISO 228/1 threaded suction port

2 Delivery port Cast iron with ISO 228/1 threaded delivery port

3 Impellers Brass

4 Mechanical seal	Water pump	Seal	Shaft	Materials
	2CP 25/14	FN-18	Ø 18 mm	Graphite / Ceramic / NBR
	2CP 25/16			
	2CP 32/200	FN-20	Ø 20 mm	Graphite / Ceramic / NBR
	2CP 32/210			
	2CP 40/180	FN-24	Ø 24 mm	Graphite / Ceramic / NBR
	2CP 40/200			
	2CP 40/200	FN-32 NU	Ø 32 mm	Graphite / Ceramic / NBR

5 Motor shaft Stainless steel **AISI 431**

6 Electric motor **2CPm**: single-phase 220 V - 60 Hz with winding integrated thermal motor protection
2CP: three-phase 220/380 V - 60 Hz or 220/440 V - 60 Hz
 – The three-phase pumps are fitted with high performance motors in class IE3 (IEC 60034-30-1)
 – Continuous running duty **S1**

