

CPS20

BOOSTER SETS - VARIABLE SPEED

- Reliable
- Easy to install
- Pressure remains constant during supply
- Low energy consumption



DESCRIPTION

The new series of variable speed pressurization booster set CPS20 represents a reliable solution which is easy to use, for residential and industrial applications. The system involves the installation in parallel of two inverters integrated directly on the motor of each pump installed. The two frequency converters communicate and alternate the starting order of each work cycle, always keeping the pressure constant in the distribution system.

APPLICATIONS

- Lifting and distribution of water in domestic systems in continuous or intermittent operation
- Pressurization systems
- Irrigation
- Industry
- Washes

MECHANICAL DATA

Type of liquid	clean water without suspended solids or abrasive material	Temperature of the liquid max.	90 °C
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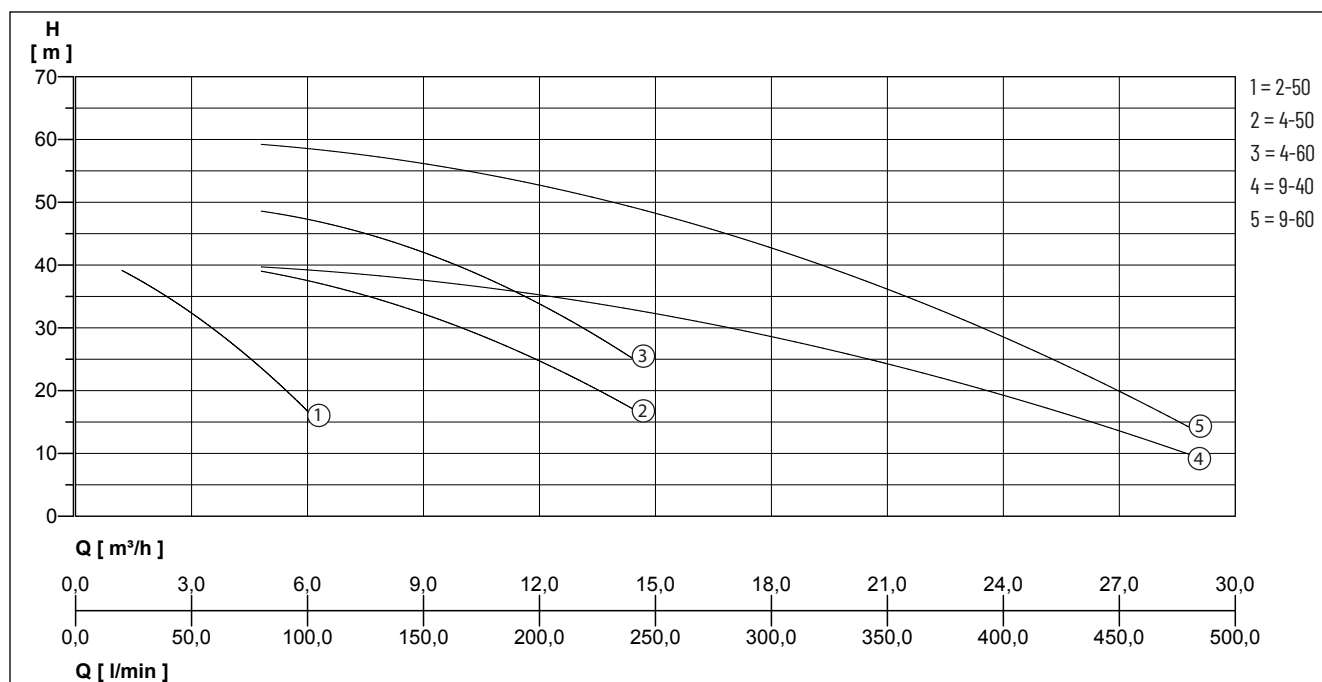
ELECTRICAL DATA

Voltage	1/N/PE~230 V		
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CPS20 DHR

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PERFORMANCE



We reserve the right to change specifications without notice. Pump performance is subject to ISO 9906 ISO 9906:2012 - Grade 3B tolerances.

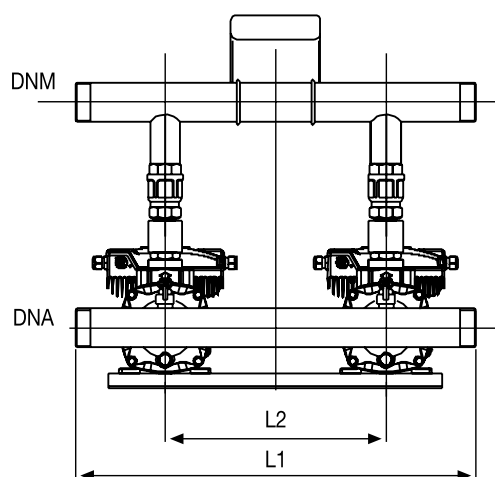
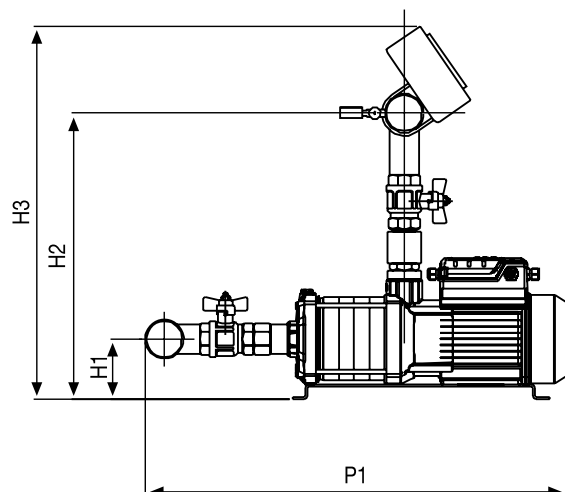
Type	Flow rate Q [m³/h]	1.2	2.4	3.6	4.8	6	7.2	9.6	12	14.4	19.2	24	28.8
CPS20/DHR 2-50	Delivery head H [m]	39	35	30	23	17							
CPS20/DHR 4-50					39	38	35	31	25	17			
CPS20/DHR 4-60					49	47	45	41	34	25			
CPS20/DHR 9-40					40	39	38	38	35	33	27	19	10
CPS20/DHR 9-60					60	58	57	56	53	49	40	29	14

CPS20 DHR

Type	Code No.	Motor rating 2xP2	Current 2xl	Weight
CPS20/DHR 2-50	UI601000	0.75 kW	5.5 A	57 kg
CPS20/DHR 4-50	UI601010	0.90 kW	9.7 A	62 kg
CPS20/DHR 4-60	UI601020	1.30 kW	9.5 A	68 kg
CPS20/DHR 9-40	UI601030	1.30 kW	12.5 A	77 kg
CPS20/DHR 9-60	UI601180	1.50 kW	18.4 A	89 kg

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DIMENSIONS [mm]

Type	L1	L2	P1	H1	H2	H3	DNA	DNM
CPS20/DHR 2-50	540	310	525	100	365	572	2 1/2"	1 1/2"
CPS20/DHR 4-50	540	310	587	100	365	572	2"	1 1/2"
CPS20/DHR 4-60	670	310	640	110	377	585	2"	1 1/2"
CPS20/DHR 9-40	670	370	610	110	445	660	2 1/2"	2"
CPS20/DHR 9-60	670	370	670	110	445	660	2 1/2"	2"

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