

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

Item n° : Customer pos. no.:

60180074

Model :

CM 50-1420 T IE3

Pump data

MEI $\geq$ 0,40

Pressure rating : PN 16

Min. fluid temperature : -10 °C

Max. fluid temperature : 130 °C

Max. Ambient temperature : 40 °C

Requested data

Flow :

Head :

Fluid (%) :

Fluid Temperature : 20 °C

Density : 998,3 kg/m³

Kinematic viscosity : 1,005 mm²/s

Vapor pressure : 0,34 psi

Hydraulic data (duty point)

Flow :

Head :

NPSH :

Shaft power P2 :

Efficiency :

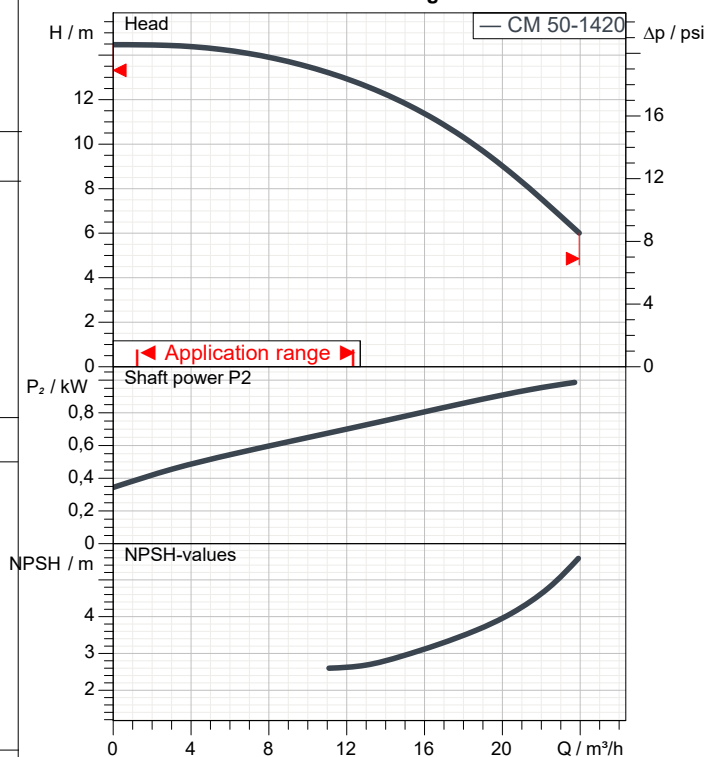
Materials

Pump body	Cast iron 250 UNI ISO 185
Support	Cast iron 250 UNI ISO 185
Impeller	Cast iron 250 UNI ISO 185
Mechanical seal	Carbon/Graphite
O-Ring	EPDM Rubber
Shaft with rotor	AISI 304 X5 Cr Ni 1810 UNI 6900/71

Motor data

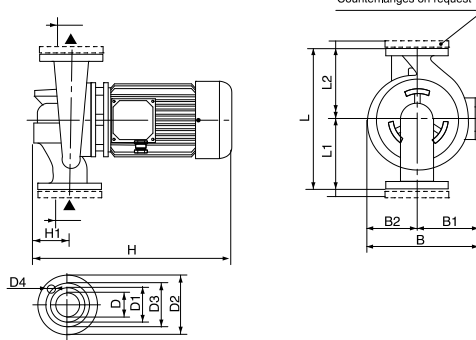
Nominal power P2 :	1,1 kW	
Rated speed :	1.450 1/min	
Rated voltage :	3~ 230 V	50 Hz
Nominal current :	4,3 A	
Degree of protection :	IP 55	

Curve tolerance according to ISO 9906



32 x... ÷ 100 x...

Controllare a richiesta
Counterflanges on request



DN : Flange / Flanges
DT : Tubazione / Piping

Weight : 36 kg

Dimensions in mm

B	279	H	495		
B1	148	H1	110		
B2	131	L	400		
D	50 PN 16	L1	220		
D1	102	L2	180		
D2	165				
D3	125				
D4	4 x Ø18				

Pump connection

Suction side :	DN 50 / PN 16
Discharge side :	DN 50 / PN 16

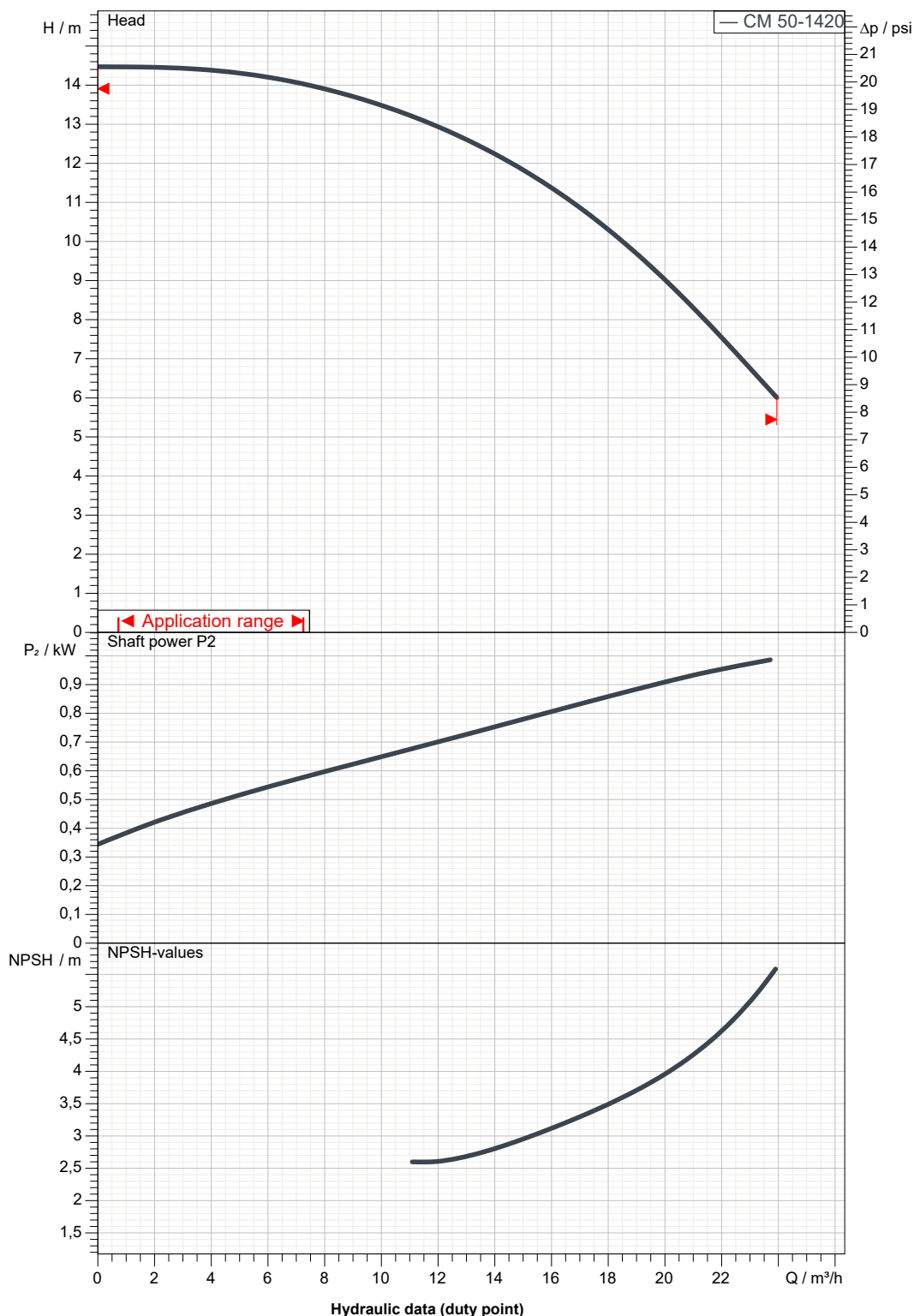
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CM 50-1420 T IE3

Curve tolerance according to ISO 9906



Suction side :
DN 50
PN 16

Discharge side :
DN 50
PN 16

Flow :

Head :

Rated speed :
1.450 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

ISSUE_DATE

2025-07-12



DIMENSIONAL DRAWING

2025-07-12

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DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Ital
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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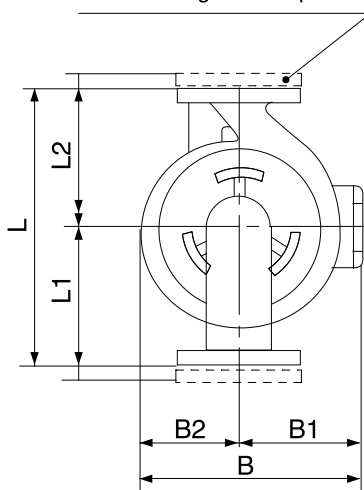
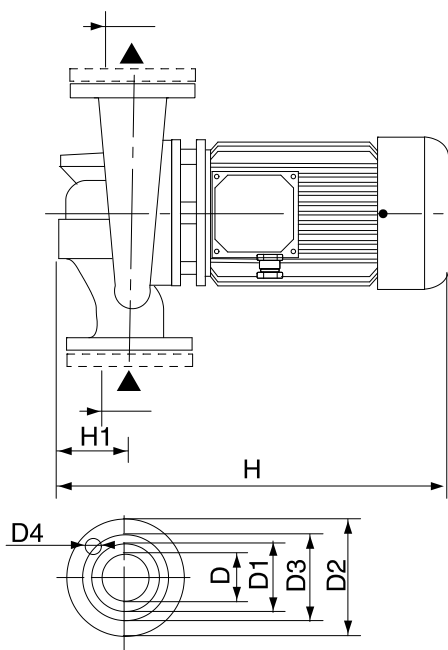
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□ 32 x... ÷ 100 x...

Controflange a richiesta
Counterflanges on request



DN : Flange / Flanges
DT : Ø Tubazione / Ø Piping

Dimensions in mm

Pump connection

1	B	279	L1	220				Suction
2	B1	148	L2	180				DN 50
3	B2	131						PN 16
4	D	50 PN 16						
5	D1	102						Discharge
6	D2	165						DN 50
7	D3	125						PN 16
8	D4	4 x Ø18						
9	H	495						
10	H1	110						
11	L	400						

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