DATA SHEET

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

Receiver

Society
Reference
Address
Phone
Fax
E-mail

From

Item n° :

1D4311G5W

Model :

CM-G 65-1200/A/BAQE/1,5 IE3

Pump data

MEI ≥

Pressure rating :	PN 16
Min. fluid temperature :	-10 °C
Max. fluid temperature :	140 °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 :	2,34 kPa

Real 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	SEE "SHAFT SEAL" SECTION
OR ring	EPDM Rubber
Shaft with rotor	AISI 304 X5 Cr Ni 1810 UNI 6900/71

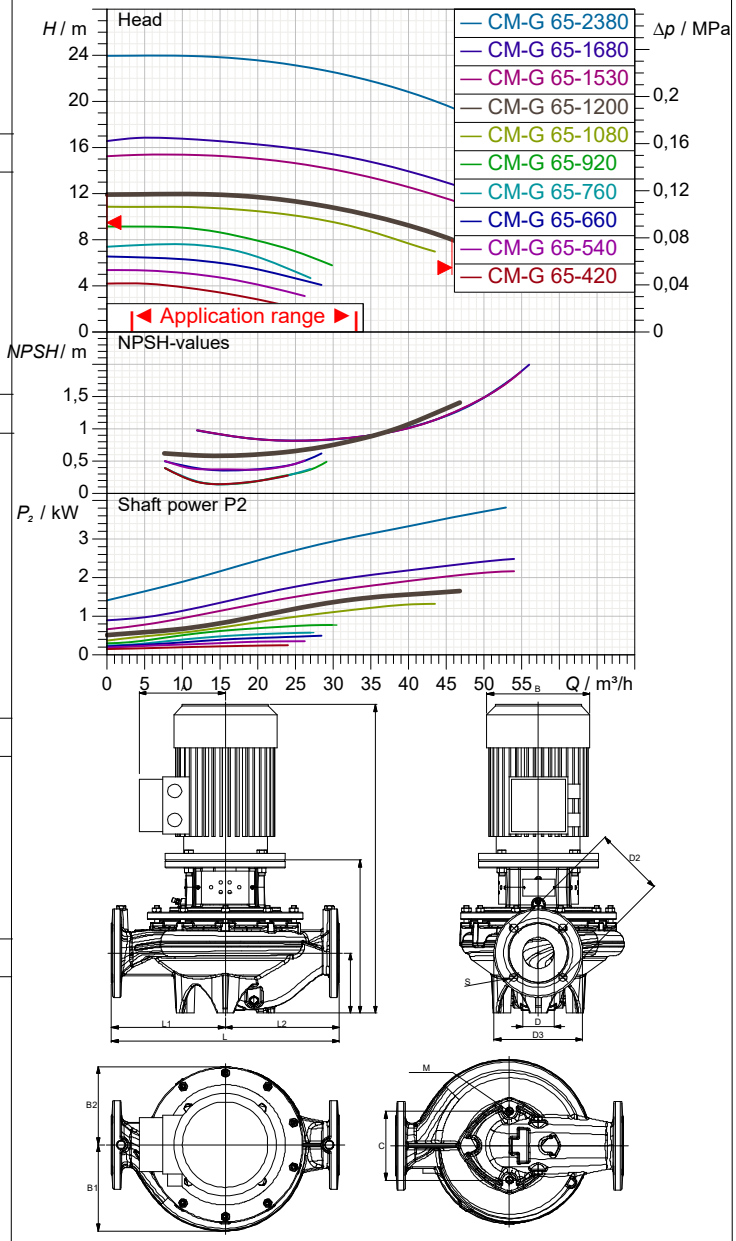
Shaft seal

Type	Rubber
Stationary part	Silicon carbide
Rotating part	Carbon
Elastomer	EPDM

Motor data

Nominal power P2 :	1,5 kW	
Rated speed :	1.430 1/min	
Rated voltage :	3~ 400 V	50 Hz
Nominal current :	3,6 A	
Degree of protection :	IP 55	

Curve tolerance according to ISO 9906



Weight : 85 kg

Dimensions in mm

A	138	H1	125
B1	180	H2	291
B2	164	L	475
C	144	L1	237,5
D	65	L2	237,5
D2	145	M	M16
D3	185	S	4 x Ø18
H	597		

Pump connection

Suction side :	DN 65 / PN 16
Discharge side :	DN 65 / PN 16

PERFORMANCE CURVES

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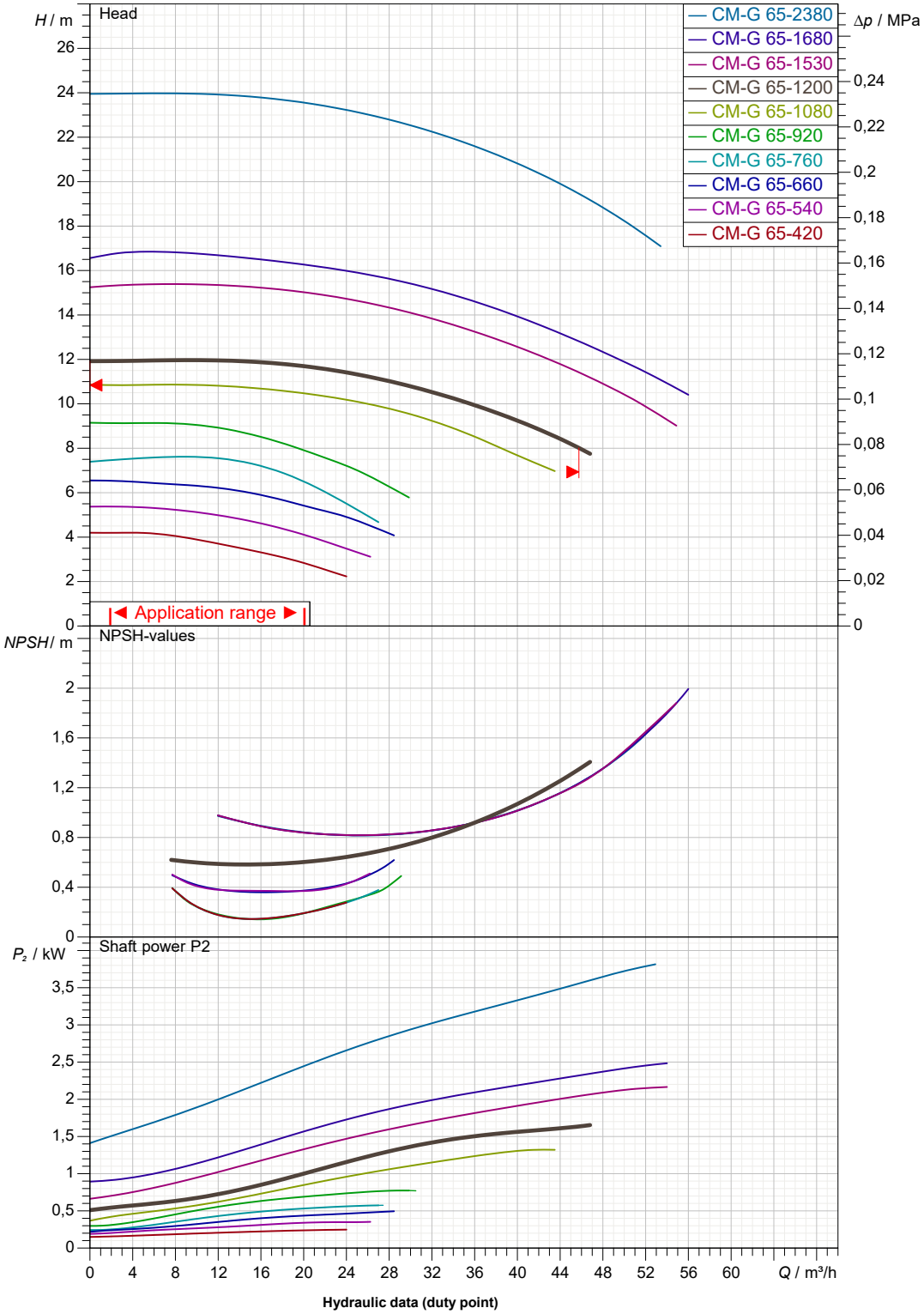
Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side :	Discharge side :	Flow :	Head :	Rated speed :
DN 65 PN 16	DN 65 PN 16			1.430 1/min

MAIN_PROJECT_TITLE	BUSINESS_PROCESS_IE	OWNER_	ISSUE_DATE

DIMENSIONAL DRAWING

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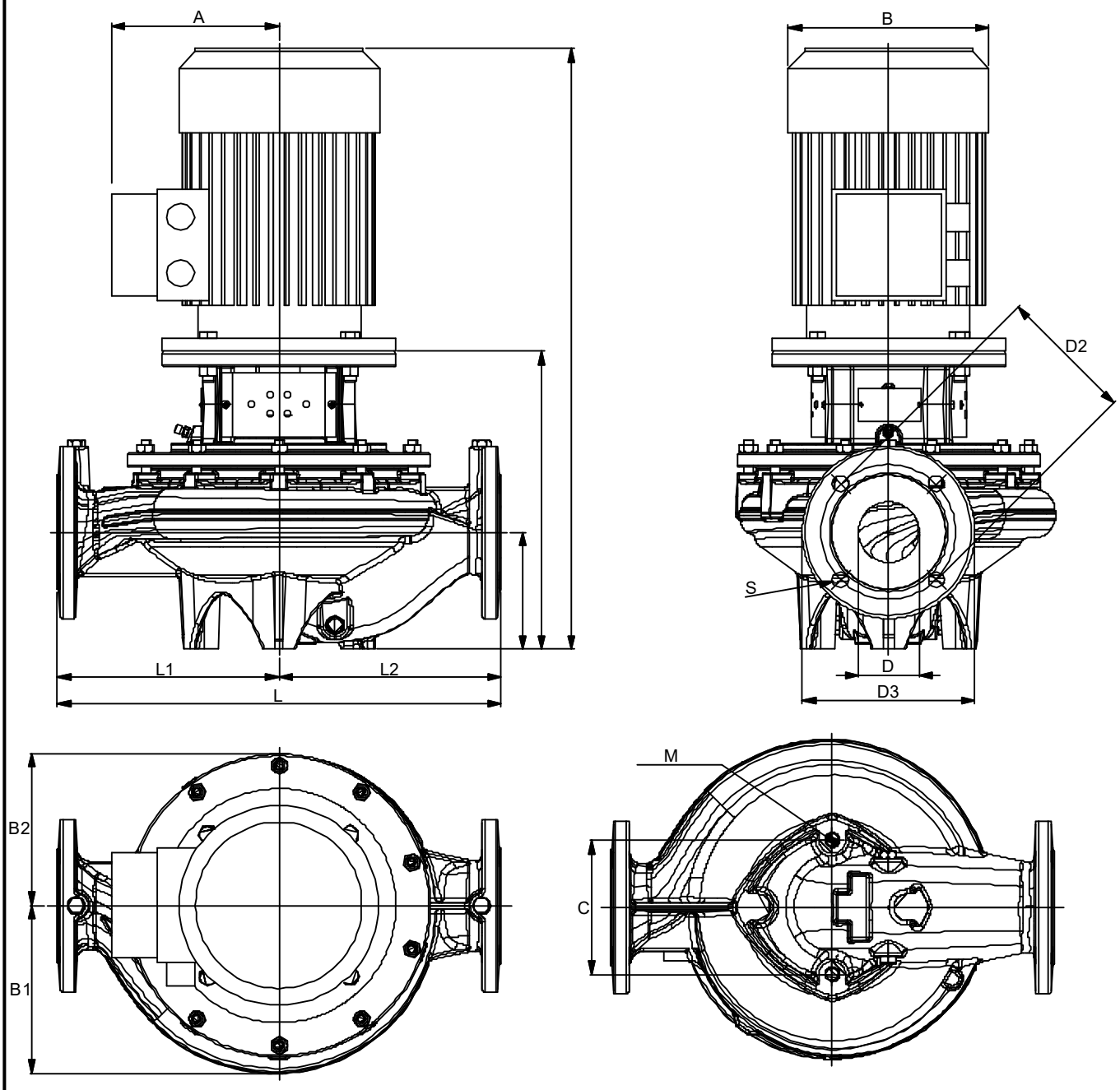
CM-G 65-1200/A/BAQE/1,5 IE3



	Dimensions in mm						Pump connection
1	A	138	L2	237,5			
2	B1	180	M	M16			Suction
3	B2	164	S	4 x Ø18			DN 65
4	C	144					PN 16
5	D	65					
6	D2	145					
7	D3	185					Discharge
8	H	597					DN 65
9	H1	125					PN 16
10	H2	291					
11	L	475					
12	L1	237,5					

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