

Receiver

Company
Reference
Address
Phone
Fax
E-mail

From

Item n° :

Customer pos. no.:

60180124

Model :

DCP-G 80-2050/A/BAQE/4 IE3

Pump data

MEI ≥ 0,60

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 : 0,34 psi

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
O-Ring EPDM Rubber
Shaft with rotor AISI 304 X5 Cr Ni 1810 UNI 6900/71

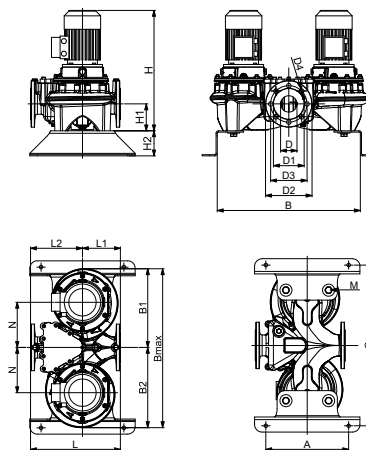
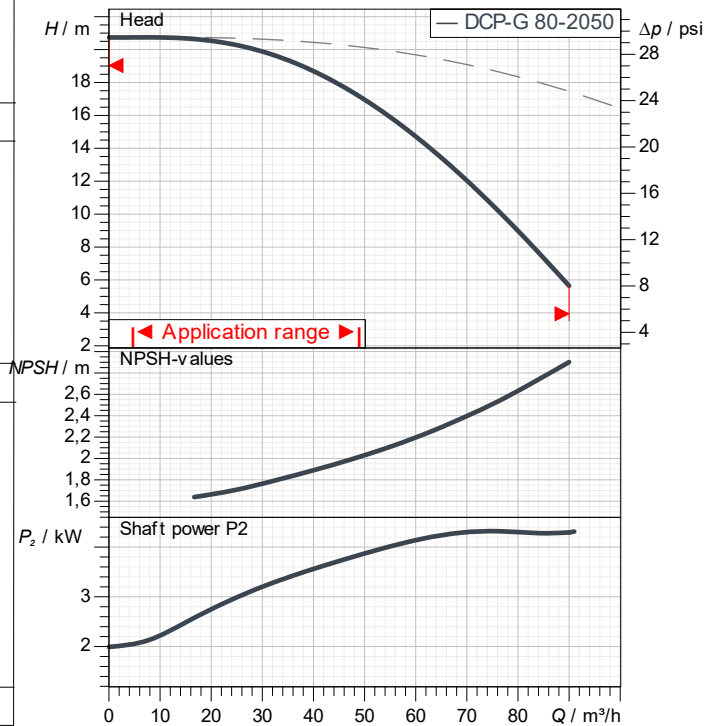
Shaft seal

Type Rubber
Stationary part Silicon carbide
Rotating part Carbon
Elastomer EPDM

Motor data

Nominal power P2 : 1 X 4 kW
Rated speed : 2.920 1/min
Rated voltage : 3~ 400 V 50 Hz
Nominal current : 1 X 8 A
Degree of protection : IP 55

Curve tolerance according to ISO 9906
Number of working motors : 1



Weight : 188 kg

Dimensions in mm

A	330	D2	200	L2	195
B	580	D3	160	M	M16
B1	305	D4	8 x Ø18	N	180
B2	310	H	647		
Bmax	615	H1	115		
C	650	H2	100		
D	80	L	360		
D1	137	L1	165		

Pump connection

Suction side : DN 80 / PN 16
Discharge side : DN 80 / PN 16

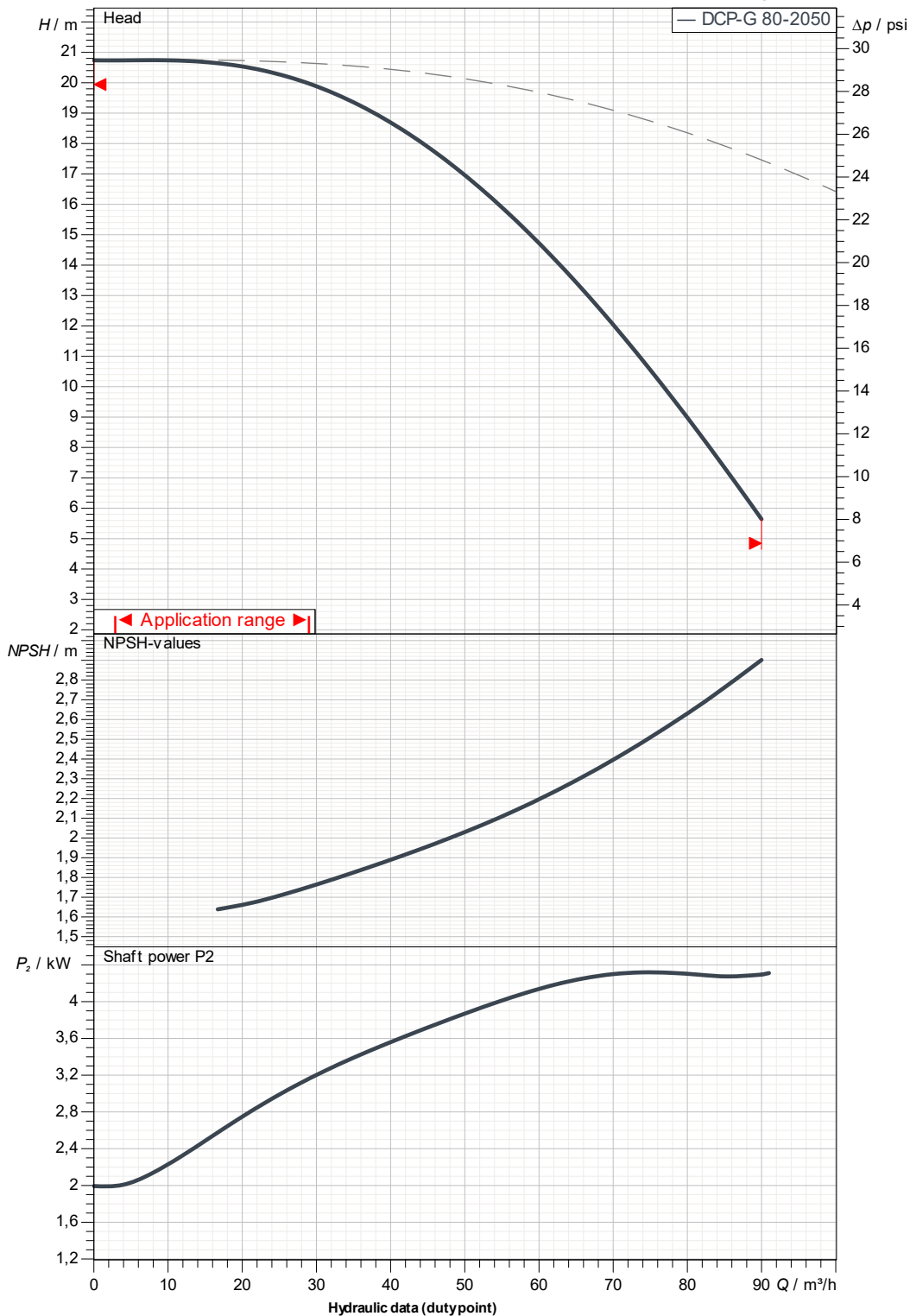
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Number of working motors : 1

Curve tolerance according to ISO 9906



Suction side :

DN 80

PN 16

Discharge side :

DN 80

PN 16

Flow :

Head :

Rated speed :

2.920 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

OWNER_

ISSUE_DATE

2025-08-04



DIMENSIONAL DRAWING

2025-08-04

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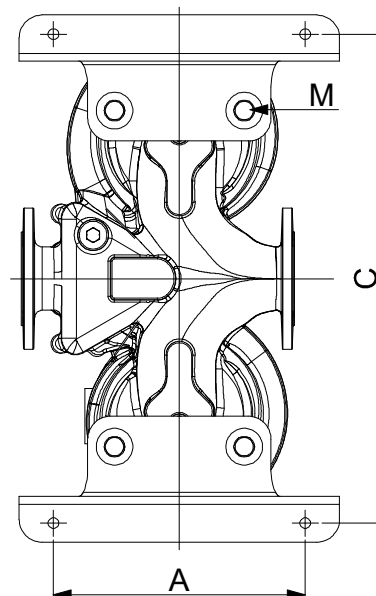
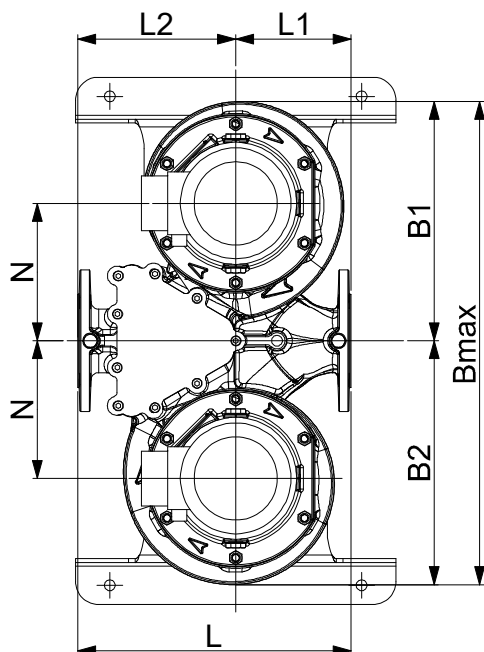
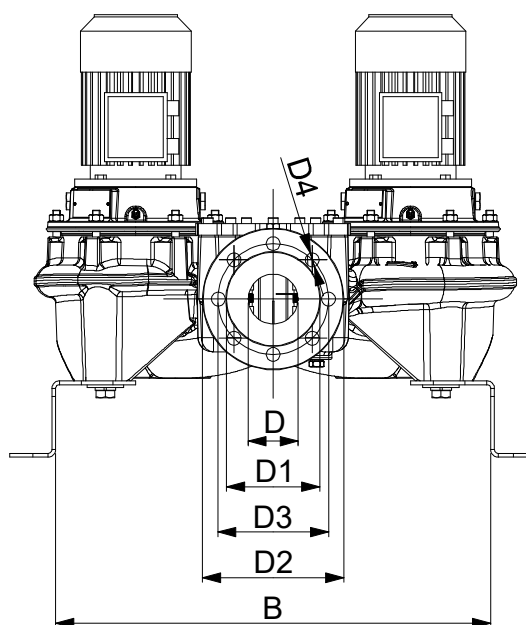
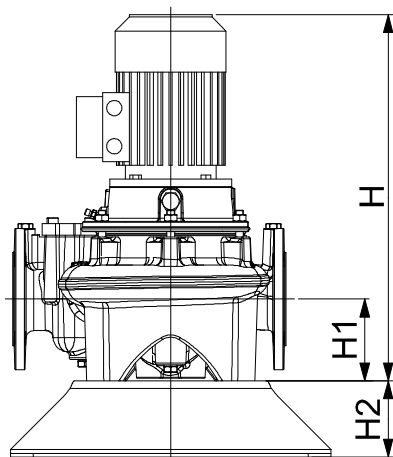
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Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

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Dimensions in mm

Pump connection

1	A	330	H	647			
2	B	580	H1	115			Suction
3	B1	305	H2	100			DN 80
4	B2	310	L	360			PN 16
5	Bmax	615	L1	165			
6	C	650	L2	195			
7	D	80	M	M16			Discharge
8	D1	137	N	180			DN 80
9	D2	200					PN 16
10	D3	160					
11	D4	8 x Ø18					

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