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Cod articol :
60176854
Articol:
FKC 80 55.4 T5 400Y/D

Customer pos. no.:

Date pompa

Type of impeller : Single vane impeller
Pump outlet : DN 80
Pump inlet : DN 100
Flange standard : EN 1092-1 / PN 16
Free passage : 80 mm
Temperatura fluid: 0 °C / 40 °C *
* For higher temperatures please contact our sales network
pH : 6,5 - 12
Vascozitate cinematica: 1 mm²/s
Max Flow : 144 m³/h
Max Head : 19.42 m
Max Hydraulic efficiency : 67.8 %

Approvals

Approvals : 12050-1
ATEX : NO

INSTALLATION

Temperatura max. ambienta : 40 °C
Max installation depth : 20 m
Tip de instalatie:
Wet - Pump only.

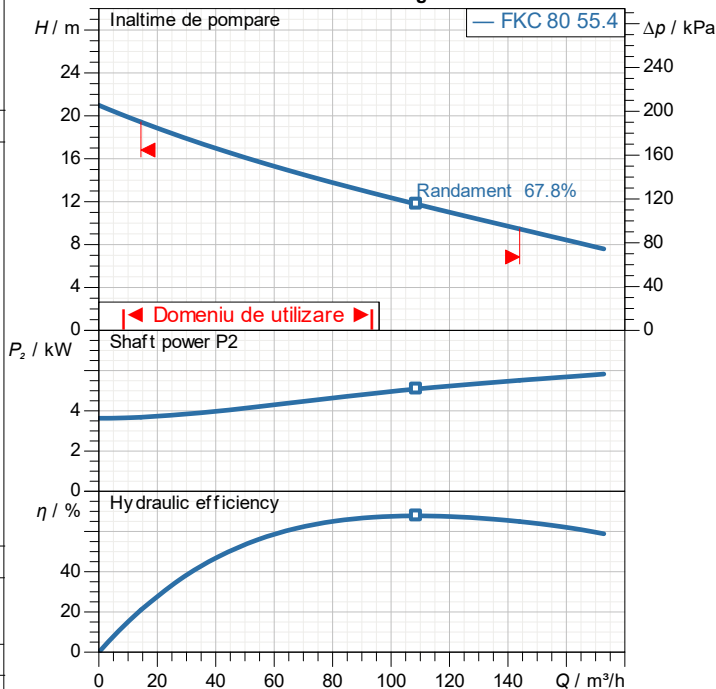
Materiale

Maner : AISI 304
Electric cable : 07RN8-F
Screws : AISI 304
OR : NBR
Etansare mec. completa pe partea pompei : SiC/SiC
Etansare mec. completa pe partea motorului : SiC/Carbon
Inel de etansare : HNBR
Arbore motor : AISI 420
Pump body / motor : Fonta EN GJL 200
Rotor : Cast iron (EN GJL 250)
Wear ring : Cast iron (EN GJL 150)
Coating : Acrylic Two-component 50µm

Date motor

Number of poles : 4
Max. Input power P1 : 6.12 kW
Putere nominala P2: 5.5 kW
Tensiune nominala : 3~ 400 V (+6% / -10%) 50 Hz
Curent nominal : 8.6 A
Curent de declansare : 50.3 A / —
Starting : Star-delta
Viteza nominala: 1450 1/min
Efficiency : 89.8 %
Number of starts : 20 /h
Grad de protectie: IP 68
Insulation class : F 150 °C
Standard cable type : 10mt 7G2.5+3x1
Water-in-oil sensor : NO
Motor protection : Thermal switch

Curve tolerance according to ISO 9906



Fluid data

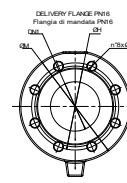
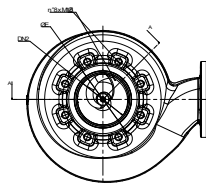
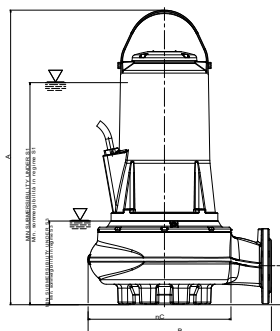
Fluid pompat : Apă
Densitate : 998.3 kg/m³
Temperatura fluid: 20 °C
Vascozitate cinematica: 1.005 mm²/s

Date de functionare cerute

Debit :
Inaltime de pompare :

Real duty point

Debit :
Inaltime de pompare :



Pump weight : 0 kg

Accessory weight :

Dimensiuni de gabarit mm

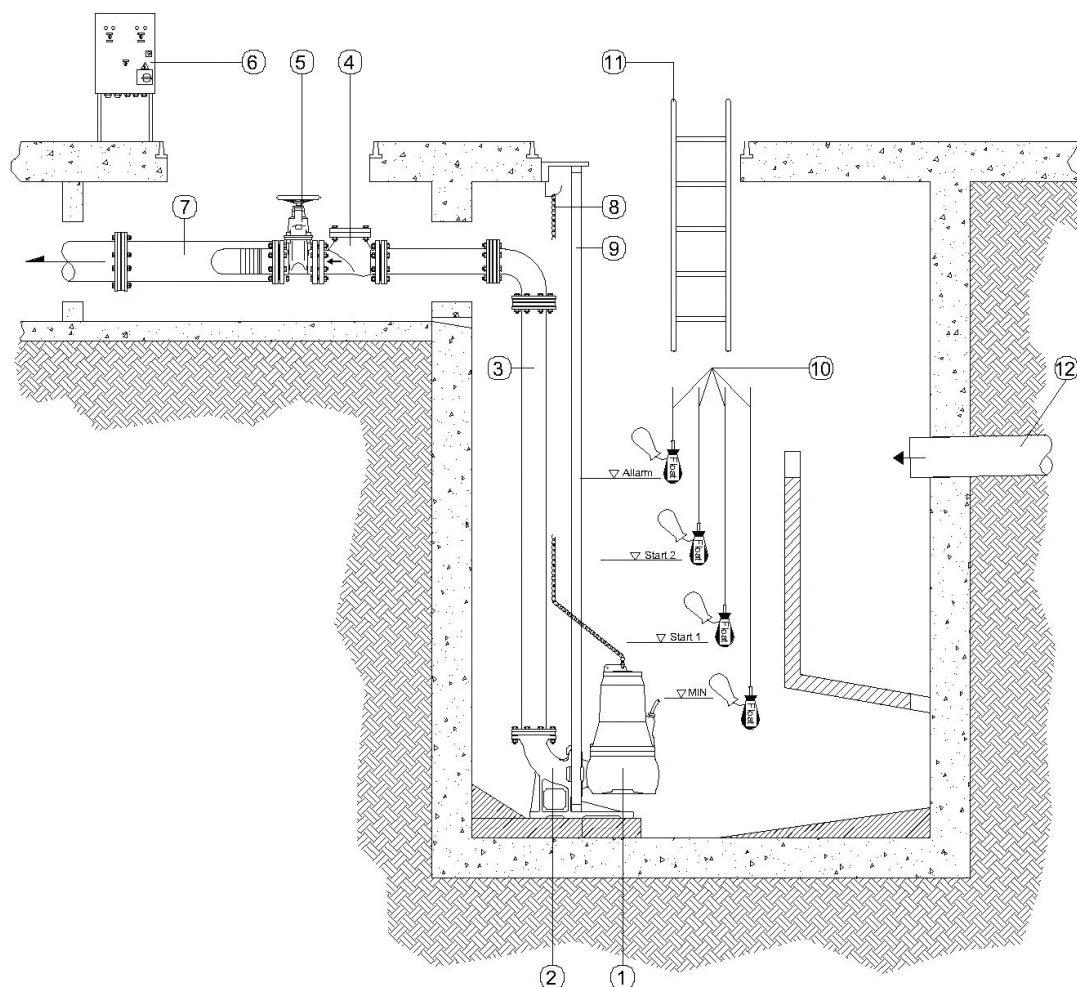
A	860	ØH	160		
B	530	ØM	200		
D	118	ØY	18		
DN1	80	S1	650		
DN2	100	S3	240		
MØ	M16				
ØC	407				
ØE	180				

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Installation example



- 1: SUBMERSIBLE PUMPS
- 2: BASE ELBOW
- 3: DISCHARGE PIPE
- 4: BALL CHECK VALVE
- 5: GATE VALVE
- 6: CONTROL PANEL
- 7: MANIFOLD
- 8: LIFTING CHAIN
- 9: DROP PIPE
- 10: LEVEL SWITCHES
- 11: SUMP INSPECTION LADDER
- 12: INTAKE PIPE

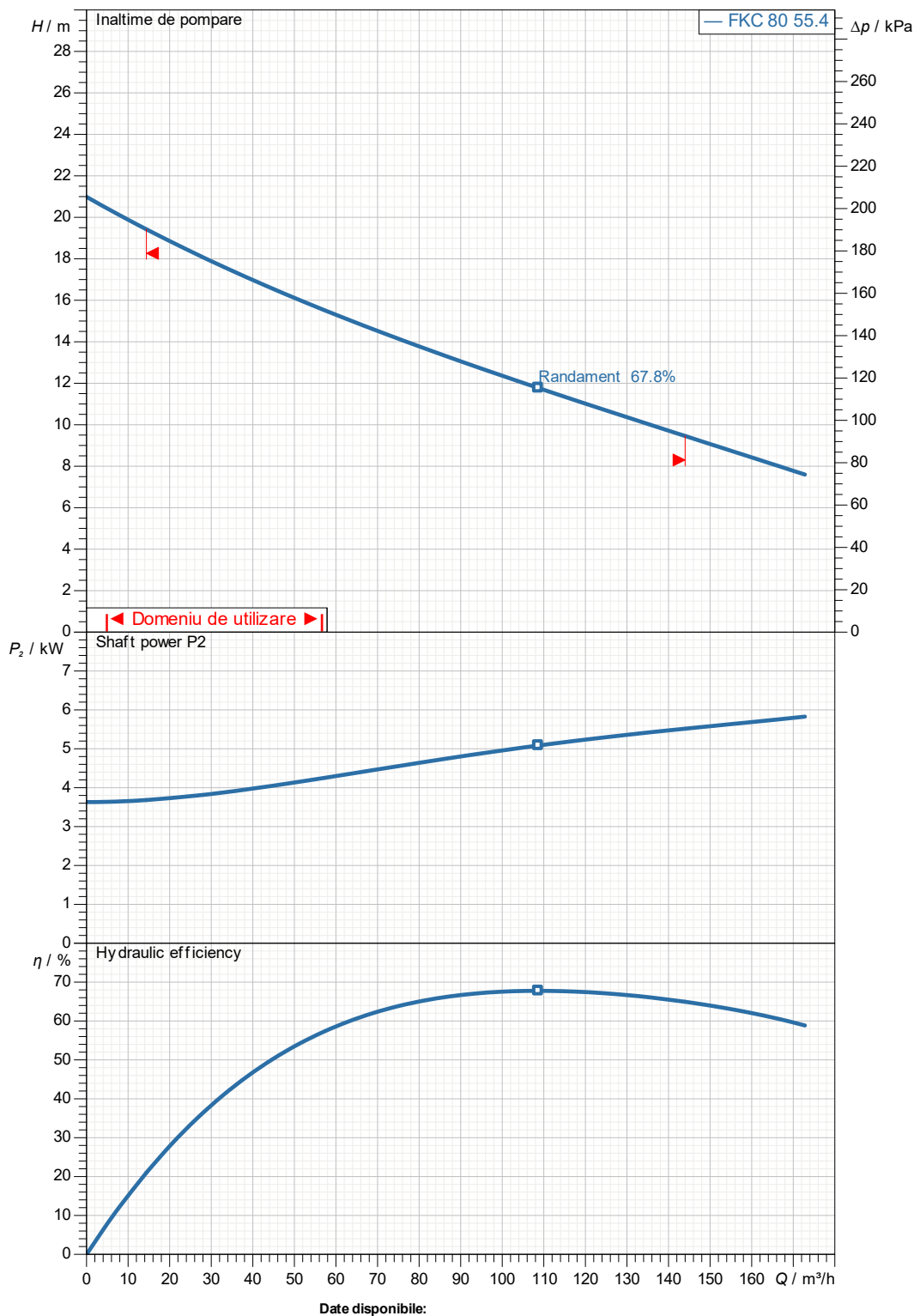
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Curve tolerance according to ISO 9906



Partea cu aspiratia:
DN 100
PN 16

Partea cu refularea:
DN 80
PN 16

Debit :

Înălțime de pompare :

Viteza nominala:
1450 1/min

MAIN_PROJECT_TITLE

BUSINESS_PROCESS_ID

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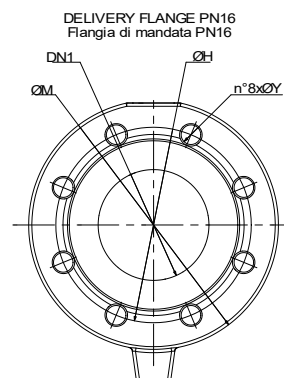
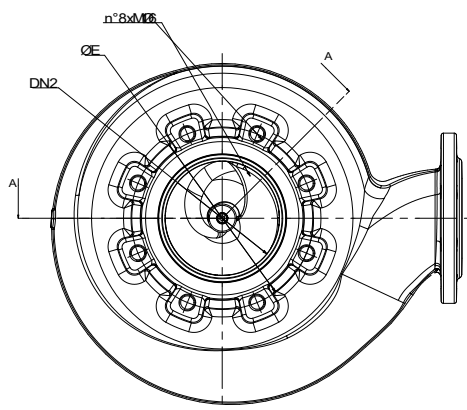
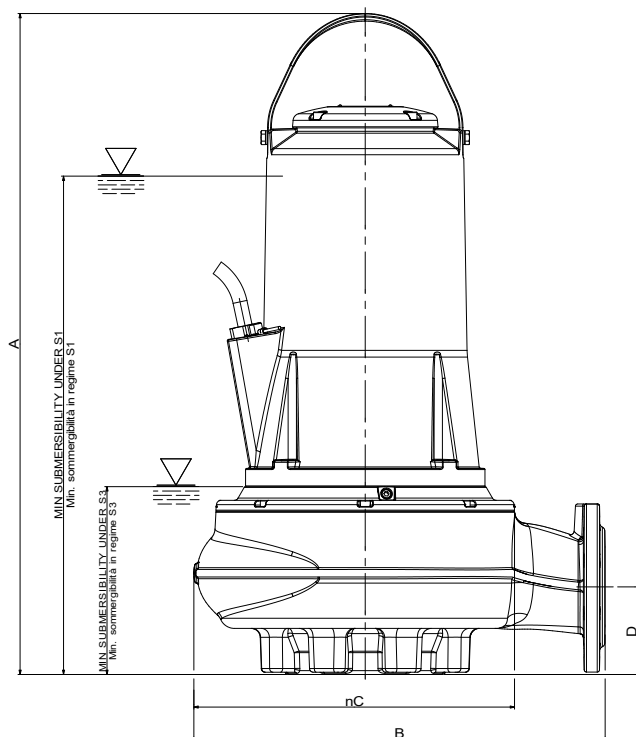
ISSUE_DATE

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Dimensiuni in mm

Racorduri pompa:

1	A	860	S1	650				Aspiratie
2	B	530	S3	240				DN 100
3	D	118						PN 16
4	DN1	80						
5	DN2	100						Refulare
6	MØ	M16						DN 80
7	ØC	407						PN 16
8	ØE	180						
9	ØH	160						
10	ØM	200						
11	ØY	18						

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