

Receiver
From

 Society
 Reference
 Address
 Phone
 Fax
 E-mail

Item n° :

60176850

Model :

FKC 100 55.4 T5 400Y/D

Pump data

Type of impeller :	Single channel impeller
Pump outlet :	DN 100
Pump inlet :	DN 100
Flange standard :	EN 1092-1 / PN 16
Free passage :	100 mm
Fluid Temperature :	32 °F / 104 °F*
* For higher temperatures please contact our sales network	
pH	6,5 - 12
Kinematic viscosity :	1/0764E-5 ft ² /s
Max Flow :	1030/3 US g.p.m.
Max. Head :	16/17 m
Max. Hydraulic efficiency :	66/7 %

Approvals

Approvals :	12050-1
ATEX :	NO

INSTALLATION

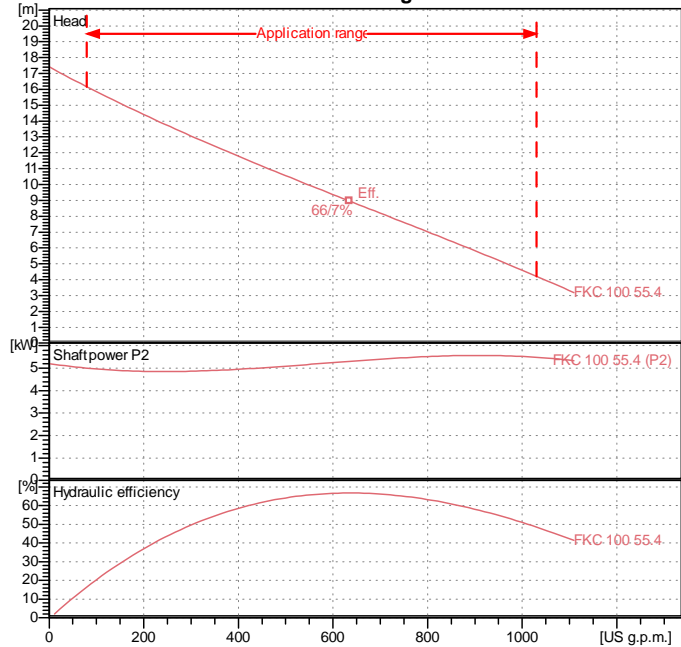
Max. Ambient temperature :	104 °F
Max. installation depth :	20 m
Type of installation :	
<u>Wet - Pump only..</u>	

Materials

Handle	Stainless Steel (AISI 304)
Electric cable	07RN8-F
Screws	Stainless Steel (AISI 304)
OR	NBR
Mechanical seal pump side	SiC/SiC
Mechanical seal motor side	SiC/Carbon
Seal ring	HNBR
Motor shaft	AISI 420
Pump body / motor	Cast iron (EN GJL 200)
Impeller	Cast iron (EN GJL 250)
Wear ring	Cast iron (EN GJL 150)
Coating	Acrylic Two-component 50µm

Motor data

Number of poles :	4
Max. Input power P1 :	6/05 kW
Nominal power P2 :	5/5 kW
Rated voltage :	3~ 400 V (+6% / -10%) 50 Hz
Nominal current :	11/4 A
Starting current (DOL / YD) :	50/3 A / —
Starting :	Star-delta
Rated speed :	1450 rpm
Efficiency :	90/9 %
Number of starts :	20 /h
Degree of protection :	IP 68
Insulation class :	F 302 °F
Standard cable type :	10mt 7G2.5+3x1
Water-in-oil sensor :	NO
Motor protection :	Thermal switch

Curve tolerance according to ISO 9906

Fluid data

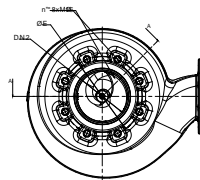
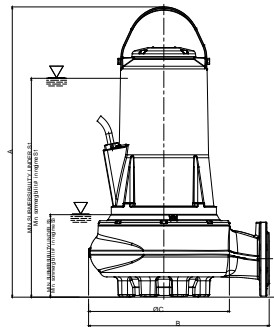
Fluid :	Water, pure	Fluid Temperature :	68 °F
Density :	62/322 lb/ft ³	Kinematic viscosity :	1/0818E-5 ft ² /s

Requested data

Flow :	0 US g.p.m.
Head :	0 m

Real duty point

Flow :	
Head :	


Pump weight : 223 kg

Accessory weight : 0 kg

Dimensions in mm

?C	445	DN1	100
?E	240	DN2	150
?H	180	M?	M20
?M	225	S1	660
?Y	18	S3	250
A	870		
B	540		
D	115		