

Part number:

HYDROMA

HYDRAULICKÉ SYSTÉMY

**HIDROMA
SYSTEMS**

UKŁADY HYDRAULICZNE

HYDROMA

ГИДРАВЛИЧЕСКИЕ СИСТЕМЫ

Description : .
Data sheet no. : 200775
Item-No. : 000000
Amendment date :
Customer number : 110596
Customer : HYDROMA, spol s.r.o.

Reference : A2052463
Transaction : 2052463
Print date : 17.02.18

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gear pump unit		R25/20 FL-Z-S0
acc. to drawing		MZ...
complete assembled and tested		
consisting of:		
gear pump		R25/20 FL-Z-W-G1-R-S0
3-ph. squirrel-cage AC motor		8APE90L-4
claw coupling		KB040A15B24-13
bracket		PT200A063-110
suction connection		female thread G1
pressure connection		female thread G1
pump data:		
pumping medium		mineral oil
fluid temperature	in deg. C	<=80
kin. viscosity	in mm ² /s	33
oil flow approx.	in dm ³ /min	25
inlet pressure	in bar	0 (-0,4...+0,4)
outlet pressure	in bar	16,5
speed	in rpm	1445
sense of rotation (seen on shaft end)		cw
kind of shaft sealing		rubber radial shaft sealing
motor data:		
manufacturer		Birkenbeul
type		8APE90L-4
type of construction		IM B35
frame size		90L
flange diameter		FF165
explosion protection	(motor)	without
protection		IP55
temperature class		F
frequency	in Hz	50
rated voltage	in V	230/400
speed	in rpm	1445
power	in kW	1,5
position of terminal box		above
Efficiency Class		IE3
Performance		with China-Label

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pump materials:	
casing	0.6025 (EN-GJL-250)
gear shafts	1.7139 (16MnCrS5+FP)
elastomere	FKM
further data	
coating	Pump plus add. on parts:
base coating	without
top coating	2-component polyurethane enamel
	Sikacor EG5
	RAL 6011 (reseda green)
	dry film thickness: approx. 60 µm
coating	motor:
base coating	2-component Epoxy resin enamel
	acc. manufacturer's standard
top coating	2-component polyurethane enamel
	Sikacor EG5
	RAL 6011 (reseda green)
	dry film thickness: approx. 60 µm
internal pump preservation (pump)	by test fluid
A.m. product is not conform to the ATEX rules.	