

Description : Gear pump
Data sheet no. : 215814
Item-No. : 425379
Amendment date :
Customer number : 108212
Customer : Stauff Hydraulic Components;& Services (Shanghai) Co., Ltd.;

Reference : A2059496
Transaction : 2059496
Print date : 14.03.19

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gear pump		R25/12,5 FL-Z-DB16-W-FSAE-R	
complete assembled and tested			
suction connection		with sae welding flange FSAE1GS	
pressure connection		with sae welding flange FSAE1GS	
pump data:			
pumping medium		mineral oil ISO VG 46	
fluid temperature	in deg. C	+40	(+20...+80)
kin. viscosity	in mm ² /s	46	(max. 117)
oil flow approx.	in dm ³ /min	37	(p1=0 bar, p2=5 bar, v=46 mm ² /s)
inlet pressure	in bar	0	(-0,4...+0,4)
outlet pressure	in bar	4,5	
speed	in rpm	2893	
sense of rotation (seen on shaft end)		cw	
power requirement	in kW	0,64	(dp=10 bar, v=117 mm ² /s)
kind of shaft sealing		rubber radial shaft sealing	
pressure relief valve			
opening pressure (valve)		in bar	5
pressure range (valve)		in bar	1...16
pump materials:			
casing		5.1301	(EN-GJL-250)
gear shafts		1.7139	(16MnCrS5+FP)
elastomere		NBR	
further data			
coating			
base coating		without	
top coating			
shade of colour		RAL 6011 (reseda green)	
Colour designation		PUR COLOR NEU	
base of the colour		2-component polyurethane paint	
Nominal dry film thickness	in µm	60	
internal pump preservation	(pump)	by test fluid	
A.m. product is not conform to the ATEX rules.			