



<b>gear pump unit</b>	: <b>SF 3/50 RD - VLFM</b>
<b>STEIMEL part-no.</b>	: <b>ASF3/50RD-171197R</b>
dimensional drawing	: DPA053D-112LFM-R31
list of spare parts	: DET053050RD--165R
<b>suction and pressure connections</b>	: <b>SAE 1 1/2</b>
casing parts	: EN-GJL-250 (GG-25)
pinion shafts, noise-optimized	: 16MnCrS5, case-hardened, helical toothed
bearing	: multilayer
shaft sealing	: radial shaft sealing ring
elastomers	: FKM
flow medium	: lube oil
viscosity	: 50-5000 cSt
temperature	: 10-60°C
<b>flow rate</b>	: <b>approx. 70,8 / 84,9 ltr/min</b>
<b>pressure</b>	: <b>5 bar</b>
<b>speed</b>	: <b>1450 / 1740 1/min</b>
<b>pressure relief valve jet</b>	
range of adjustment	: 2-18 bar
<b>opening pressure</b>	: <b>8 bar</b>
<b>sense of rotation</b>	: <b>clockwise</b>
test run	: yes, with HLPD 46
coupling	: BKUA055-1928-301
<b>pump mount with base</b>	: <b>BLF053250128--03, welded components</b>
<b>three-phase motor</b>	: <b>LDM112-04-074 (Birkenbeul)</b>
moto data:	
power 1/2	: 4,0 / 4,6 kW
speed 1/2	: 1500 / 1800 1/min
voltage 1	: 230/400 V at 50 Hz
voltage 2	: 265/460 V at 60 Hz
<b>efficiency class</b>	: <b>IE3</b>
additional plate for:	
voltage	: 220-240/380-420 V at 50/60 Hz
voltage	: 250-280/440-480 V at 60 Hz
reduced power	: 3,68 / 4,23 kW at KT 50°C
degree of protection	: IP 55
insulation class	: F to B
feature	: tropical isolation for 100% air humidity at 50°C ambient temperature
form of construction	: B 5
finish	: primer
type plate	: ETY924-D-E--PE02