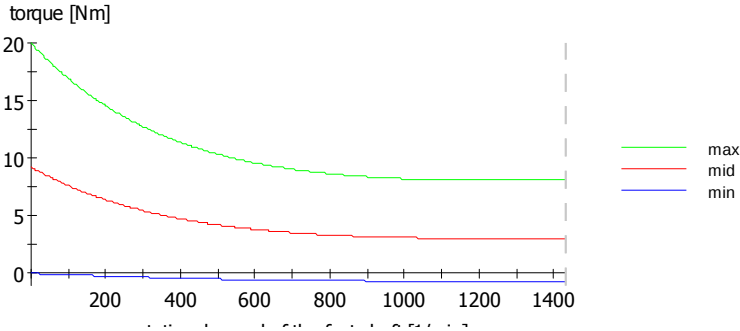


CLOSED DRAIN PUMP - SPEED TORQUE CURVE



result of torque calculation

start-up torque

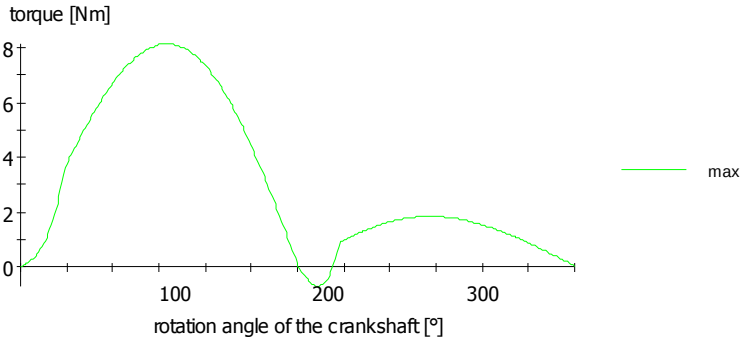
max. torque	20.01 Nm
mean torque	9.19 Nm
min. torque	-0.05 Nm

torque at 143 1/min

max. torque	8.15 Nm
mean torque	3.05 Nm
min. torque	-0.71 Nm

torque at 143 1/min

max. torque	8.15 Nm
mean torque	3.05 Nm
min. torque	-0.71 Nm



Required Starting Torque :	20.01 Nm
Required Torque :	4.07 Nm
Required Power :	0.61 kW
Absorbed Power :	0.41 kW
Absorbed Power :	0.46 kW

element	
drive unit	LDE
i	10
eccentricity	0
plunger diameter [mm]	36
volumetric efficiency[%]	94.28
max. operating pressure [bar]	29.0
PSV set pressure [bar]	34.8
internal PRV set pressure [bar]	0.0