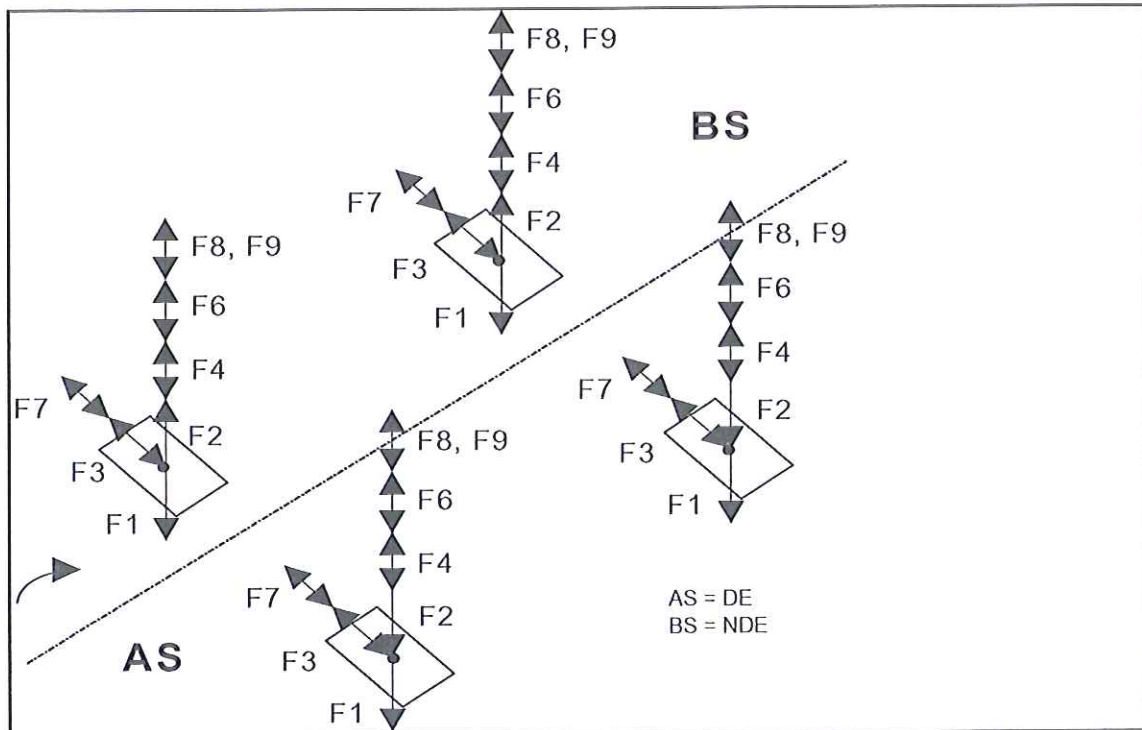


# Load declarations for foundation-calculation corresponding to DIN 4024

HKM156Z02

Kosice / Air Liquide

526018



The quality of balancing of the motor ist better than G2,5 according to DIN ISO 1940  
All dynamic force declarations are representing the maximum values of amplitude !

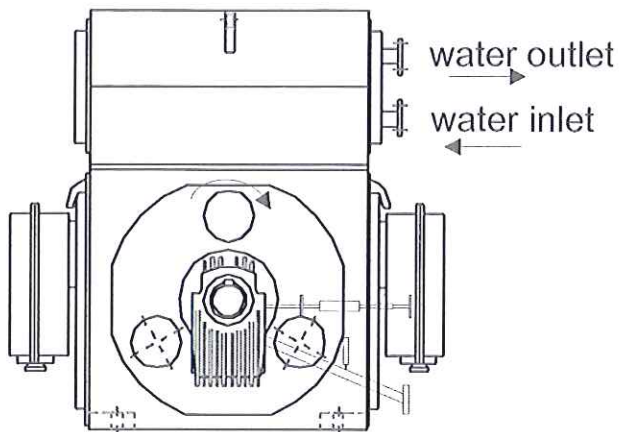
## Foundation forces per contact point

operation	kind of forces	size (kN)	caused by	frequency	coment
rated service	static	F1 14,715	weight	-	
	static	F2 2,726	rated torque	-	direction of rotation right
	dynamic	F3 0,214	rotating unbalanced mass	49,6	forces refer to nominal speed
	dynamic	F4 0,240		49,6	
	dynamic	F6 0,563	electromagnetic force	100	
	dynamic	F7 0,502		100	
2 pole short circuit	static	F1 14,715	weight	-	
	dynamic	F3 0,214	rotating unbalanced mass	49,6	forces refer to nominal speed
	dynamic	F4 0,240		49,6	
	dynamic	F8 16,370	moment	-	50 & 100 Hz process
shifting of the residual field	static	F1 14,715	weight	-	
	dynamic	F3 0,214	rotating unbalanced mass	49,6	forces refer to nominal speed
	dynamic	F4 0,240		49,6	
	dynamic	F9 27,283	moment	-	50 Hz process

The values above are approximate values !

form created TE3/Tramsek/14.8.2003

						N° AFFAIRE	Format	Groupe	N°
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						Kosice	50-3023-01	A4	711 504
						0			
Rev	Date	Drawn by	revisions	check by	appr. by				



incl. Inletvalve  
Outletvalve  
Safetyvalve 8bar eff.

Piping was brought together to one in & outlet flange which means, that a cooler connection piping is added.

526018 HKM-156Z02 NIC Motor

Oil-Inlet : Xright left  
flange size: DN15 PN16 DIN2633  
Oil-Outlet : Xright left  
flange size: DN32 PN16 DIN2633  
Water-Inlet: Xright left  
flange size: DN65 PN16 DIN2633  
Water-Outlet :Xright left  
flange size: DN65 PN16 DIN2633

Power Terminal Box: right Xleft  
Cable Dimensions: undrilled gland plate

Neutral Terminal Box: right Xleft  
Auxiliary Terminal Box: Xright left

						N° AFFAIRE	Format	Groupe	N°
						Rev			
						KOSICE 50-3023-01	A4	711	506
						3			
Rev	Date	Drawn by	revisions	check by	appr. by				

All statements were taken in account and can be seen on the dimension drawing!

## Technical Coordination Sheet Oil- Water In- & Outlet Terminal Boxes

all graphics are symbolic



TCS-01

Abt. / Dept.: MM2 Blatt / sheet: 1

Datum / Date.: 27.12.04 von / of: 1

Rev.: 0

Bearbeiter / Person in charge: Gerhard Holzer

Format  
A4



