

# SCREW COMPRESSOR INSPECTION REPORT

**Customer** : HOS BV  
**Ref .** : Inspection  
**Order** :  
**Contact person** : Ted Swart  
**Date** :  
**Compressor type** : Mycom 200 SUD-HE  
**Serial nr** : 2053474  
**Running hours** : 30619  
**Refrigerant** : NH3  
**Type oil** :  
**Inspected by** :

## INSPECTION AND REPAIR SCOPE

Opened compressor for inspection of thrust-bearings , measuring the axial play and the “end-clearance “.

## ***MEASUREMENTS AND CLEARANCES***

END CLEARANCE	male	<b>within factory settings</b>
	female	<b>within factory settings</b>

RUN OUT ( male shaft )	0.001 mm
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THRUST BEARING CONDITON	male	<b>good , no wear</b>
	female	<b>good , no wear</b>

AXIAL PLAY	male	<b>0.00 mm</b>
	female	<b>0.00 mm</b>

INDICATOR ASSEMBLY CONDITION	<b>working</b>
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FLANGES PRESENT	suction	<b>no , compressor mounted on skid</b>
	discharge	<b>no , compressor mounted on skid</b>

TYPE SEAL	<b>Double seal in good conditioning.</b>
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### ***NEW PARTS ADDED TO MACHINE***

SEAL PARTS
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LOCKNUTS & WASHERS	<b>X</b>
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THRUSTBEARINGS
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MAINBEARINGS :
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O-RING & GASKETS :	<b>X</b>
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BALANCEPISTON & SLEEVE
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GUIDEBLOCK & PIN
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PARTS MACHINED & METAL REMOVED
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LEAKTEST with NITROGEEN	<b>X</b>
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SLIDEVALVE TEST with NITROGEEN PRESSURE	<b>X</b>
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**Ref .** : Inspection  
**Order** :  
**Contact person** : Ted Swart  
**Date** :  
**Compressor type** : Mycom 200 SUD-HE  
**Serial nr** : 2053500  
**Running hours** : 37639  
**Refrigerant** : NH3  
**Type oil** :  
**Inspected by** :

## INSPECTION AND REPAIR SCOPE

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