

# **ZM: 50217157, 50216713 – TECHNICAL DEMNDINGS**

## **1. QUALITY DOCUMENTATIONS FOR BEARINGS – EACH SINGLE BEARING:**

- 1.1 List of bearings with Part Numbers and Serial Numbers
- 1.2 Official demanding's for storage – long term storage
- 1.3 Packing and preservation – each bearing packing in metal box (for example: ALUTEC)
- 1.4 For each single bearing mandatory quality documentation: chemical analysis acc. EN 10204-3.1 – for housing, pads and white metal, bonding check acc. EN 10204-3.1, dimensional check acc. EN 10204-3.1, conformity check ISO/IEC 17050, radius record with thickness record acc. DIN 55350-18-4.2.2, pad thickness protocol with bearing final bore acc. DIN 55350-18-4.2.2, ultrasonic test record acc. DIN EN 10204-3.1, certificate on dimensional test EN 10204/3.1B, check on bonding errors acc. EN 10204/3.1,

## **2. QUALITY DOCUMENTATIONS FOR PINION SHAFTS – EACH SINGLE SHAFT:**

- 2.1 List of shafts with Part Numbers and Serial Numbers
- 2.2 Official demanding's for storage – long term storage
- 2.3 Packing and preservation – each shaft packing in wooden box with long term storage (packing in vacuum bag)
- 2.4 For each single shaft mandatory quality documentation: chemical analysis acc. EN 10204-3.1, dimensional check acc. EN 10204-3.1 – length dimensional protocol, diameter dimensional protocol (each bearing surface, each step for shaft seal), conformity check ISO/IEC 17050, mechanical run-out protocol each bearing surface, each step for shaft seal), vibration probe surface – mechanical and electrical run-out acc. API670 and API617, magnetic powder test record acc. DIN EN 10204-3.1 -100% of surface, balancing records LSB acc. ISO 1940