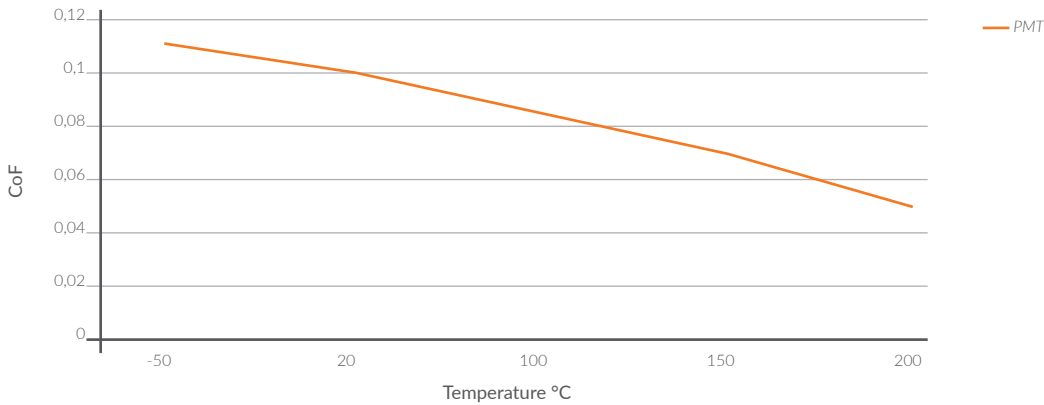




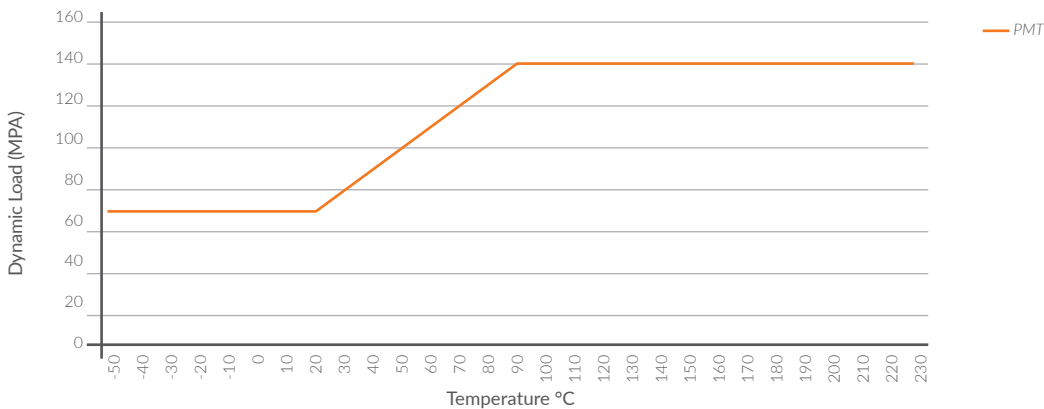
# SLIDING BEARINGS DIVISION

HYDRAULIC, ENERGY AND METAL INDUSTRY

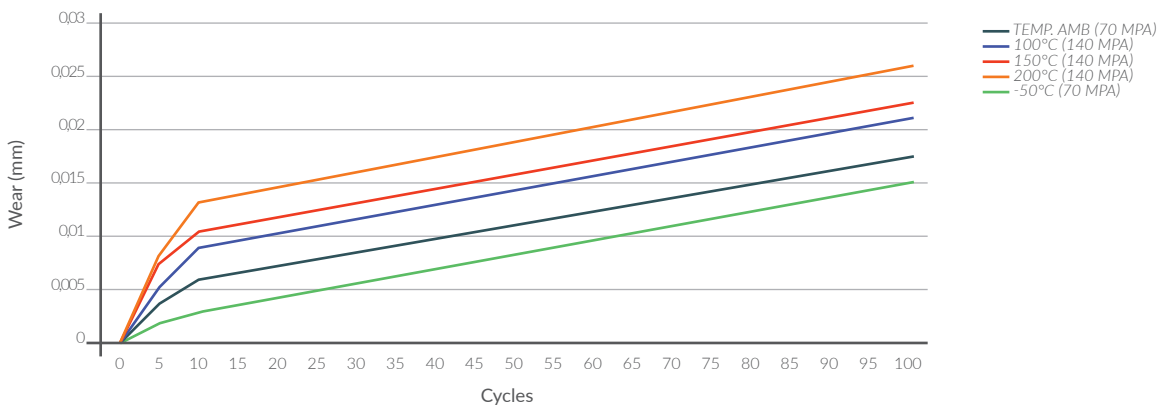
## COEFFICIENT OF FRICTION - PMT



## MAX. DYNAMIC LOAD - PMT



## INTERNAL SURFACE WEAR - PMT



The tests were performed in the Slib Italy laboratory with a Test Bench for the simulation of ball valves

- Types of tested bushes: TX-316, TF-316 and PMT-316
- Shaft roughness of the Test Bench: 0.5 - 0.8 Ra
- Shaft hardness of the Test Bench : 1100 Vickers

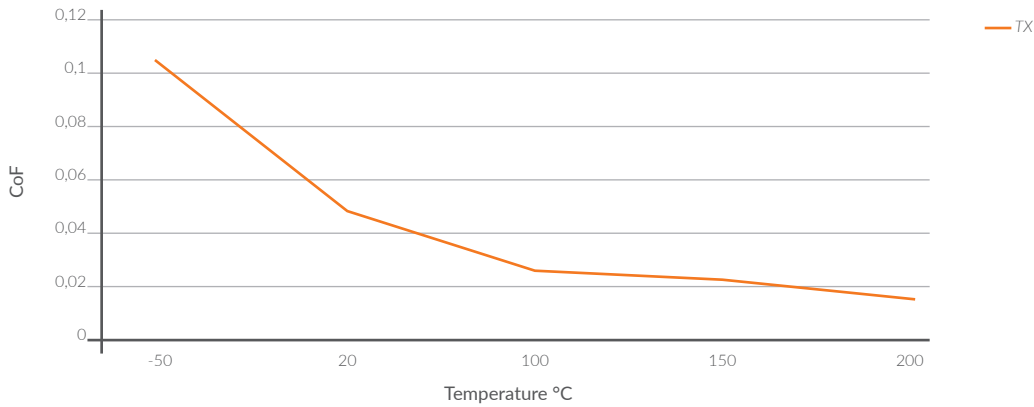
- Shaft rotation at 90° with load applied from 0° to 30° and backwars from 30° to 0°
- Rotation speed: 0.083 m/s
- Tests performed with temperatures between -50°C to +200°C



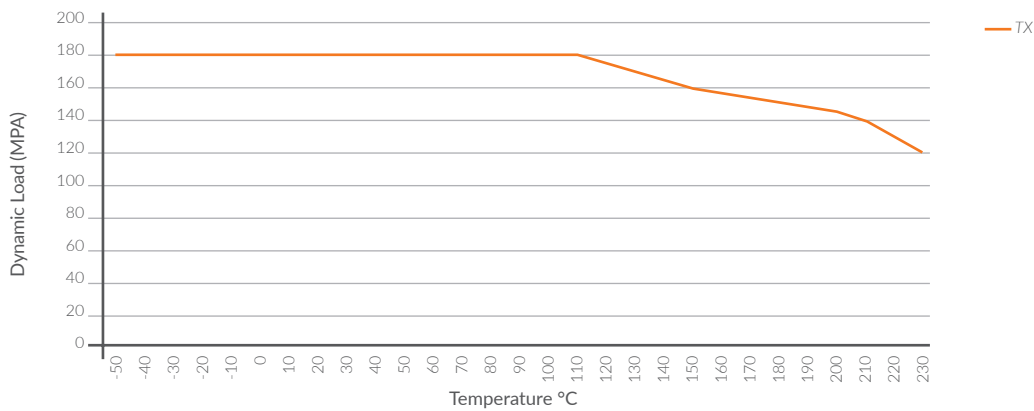
# SLIDING BEARINGS DIVISION

HYDRAULIC, ENERGY AND METAL INDUSTRY

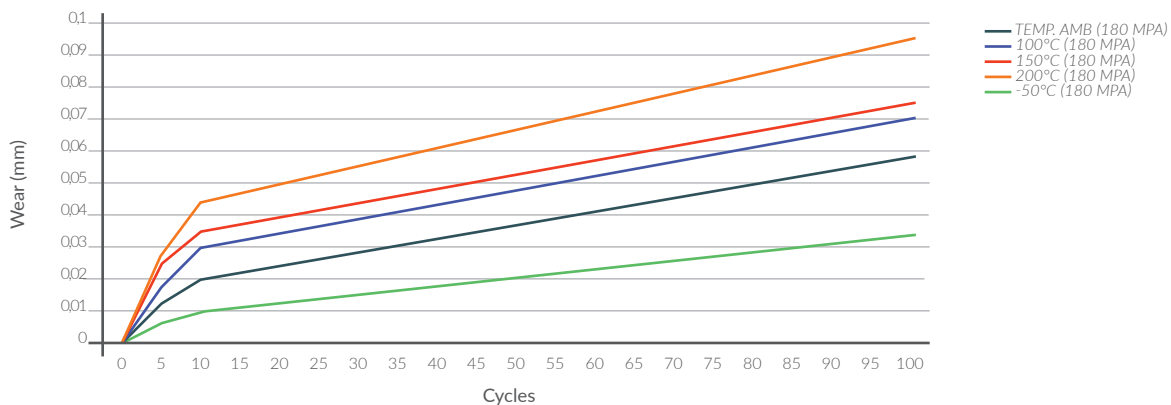
## COEFFICIENT OF FRICTION - TX



## MAX. DYNAMIC LOAD - TX



## INTERNAL SURFACE WEAR - TX



The tests were performed in the Slib Italy laboratory with a Test Bench for the simulation of ball valves

- Types of tested bushes: TX-316, TF-316 and PMT-316
- Shaft roughness of the Test Bench: 0.5 - 0.8 Ra
- Shaft hardness of the Test Bench : 1100 Vickers

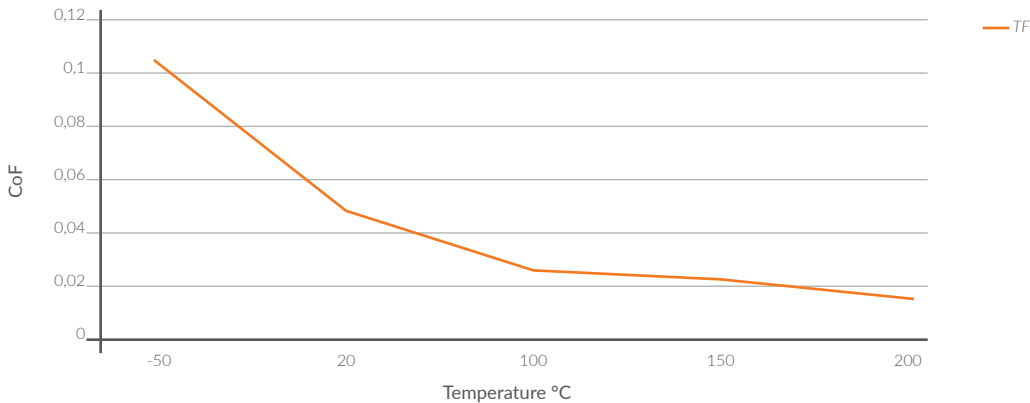
- Shaft rotation at 90° with load applied from 0° to 30° and backwars from 30° to 0°
- Rotation speed: 0.083 m/s
- Tests performed with temperatures between -50°C to +200°C



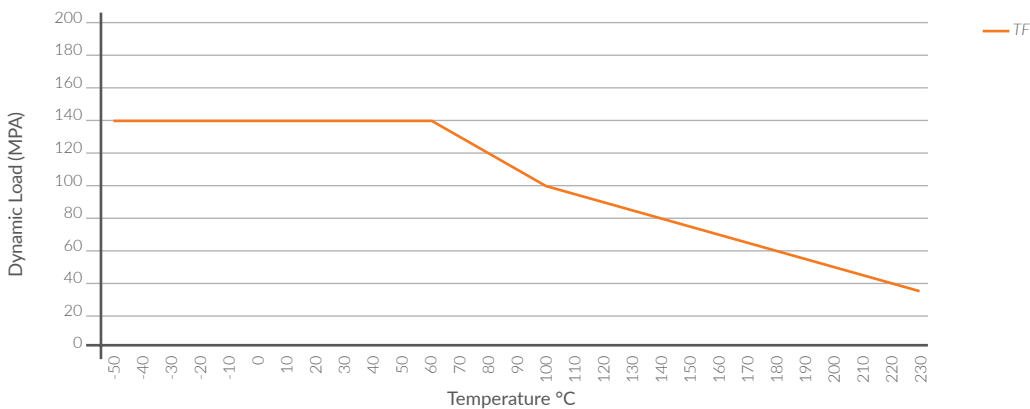
# SLIDING BEARINGS DIVISION

HYDRAULIC, ENERGY AND METAL INDUSTRY

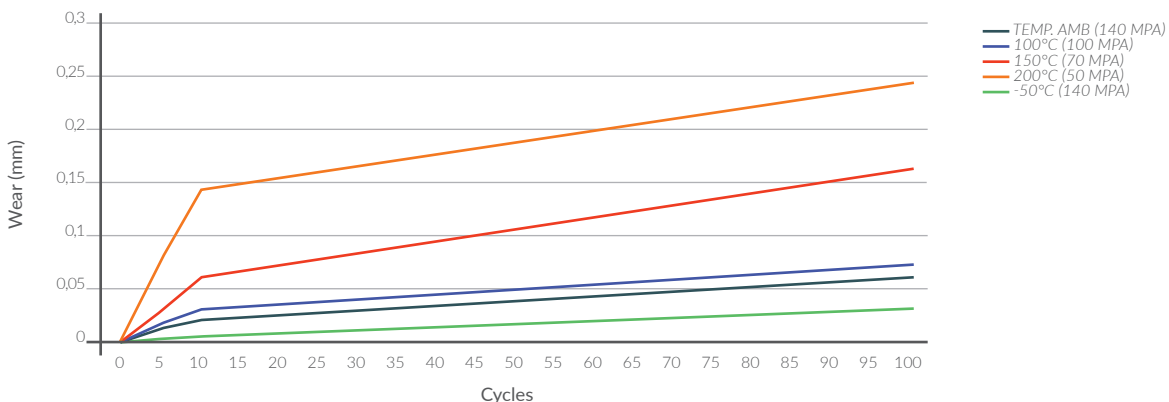
## COEFFICIENT OF FRICTION - TF



## MAX. DYNAMIC LOAD - TF



## INTERNAL SURFACE WEAR - TF



The tests were performed in the Slib Italy laboratory with a Test Bench for the simulation of ball valves

- Types of tested bushes: TX-316, TF-316 and PMT-316
- Shaft roughness of the Test Bench: 0.5 - 0.8 Ra
- Shaft hardness of the Test Bench : 1100 Vickers

- Shaft rotation at 90° with load applied from 0° to 30° and backwars from 30° to 0°
- Rotation speed: 0.083 m/s
- Tests performed with temperatures between -50°C to +200°C