

弹性金属塑料瓦的优异特性:

物理化学性能稳定, 不与润滑油等介质发生化学反应, 不污染润滑油;

自润滑性能好, 摩擦系数仅 0.04-0.08;

装机无需刮瓦和研瓦, 安装、检修方便;

承载能力高, 使用安全可靠;

耐温等级高, 在润滑油膜遭到破坏时, 轴承瓦处于边界润滑或干摩擦情况下也不会熔融, 并且不伤镜板;

开机无需高压油顶起, 随时可以冷、热启动;

综合性能优异, 能应付各种情况;

机组停机时, 可以将制动转速降到额定转速的 10%;

倘若某一块瓦磨损严重, 不影响其它瓦的工作;

在压力场和温度场的作用下, 能自动调节瓦面形状, 提高了瓦面和镜板之间油膜的稳定性, 使机组运行更安全可靠。

Elastic metal-plastic bearings of the outstanding characteristics:

Physical and chemical properties of stability, not chemical reaction, such as lubricants ect. media, not contaminated lubricants;

Self-lubricating properties, friction coefficient of only 0.04-0.08;

Installation, maintenance convenience;

High-carrying capacity, the use of safe & reliable;

High-level temperature, lubricating oil in the damaged membrane, tile bearing lubrication at the border or dry friction, it will not melt, and not injury-board;

No boot-top high-pressure oil, at any time can be cold, hot start;

Comprehensive performance, to cope with a variety of circumstances;

Unit shutdown, the speed brake can be reduced to 10% of the rated speed;

If a piece of tile serious wear and tear, does not affect the other tile work;

Pressure & temperature fields role, be able to adjust the shape of tile surface to raise the tile surface mirror and the stability of the oil film between the board so that the unit is running more secure.

弹性金属塑料瓦的设计参数:

许用单位压力: 7.0MPa;

许用平均线速度: 3~40m/s;

弹性金属塑料瓦装配的周向偏心率: 6~9%;

瓦体冷却系统: 不需要;

弹性金属塑料瓦油槽温度: $\leq 55^{\circ}\text{C}$;

弹性金属塑料瓦瓦体温度: $\leq 65^{\circ}\text{C}$;

镜板工作面的粗糙度: $\leq \text{Ra}0.4$;

镜板工作面的硬度: $\geq \text{HB}200$;

高压油顶起装置: 不需要;

润滑油牌号: L-SA32/L-TSA46

Elastic metal-plastic bearings design parameters:

Allowable pressure units: 7.0MPa;

Allowable average speed: 3-40m/s;

Elastic metal-plastic bearings assembly to the eccentricity of the Week: 6 to 9%;

W-cooling system: no;

Elastic metal-plastic bearing oil temp: $\leq 55^{\circ}\text{C}$;

Elastic metal-plastic bearing body temp: $\leq 65^{\circ}\text{C}$;

The board-Face roughness: $\leq \text{Ra}0.4$;

The board-Face hardness: $\geq \text{HB}200$;

High-pressure oil from the top: no;
Lubricants brand: L-SA32/L-TSA46.

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