

CERTIFICATE OF CONFORMITY

SKF Pulleys

We hereby certify that, unless exceptions or derogations, the goods referred to, were manufactured according to the below technical specifications, and that having passed all Inspections and tests, they are in accordance with defined specifications, valid standards, rules, or SKF Catalog.

Classical and trapezoidal inch pitch timing pulleys (MXL, XL, L, H, XH, XXH) are manufactured according to **ISO 5294**.

Metric pitch series timing pulleys (T/AT) are manufactured according to **DIN 7721**.

All SKF V-belt pulleys are manufactured to the standards **ISO 4183**, **DIN 2211**, **ANSI Narrow V Belt pulley IP-22** and the **ANSI Classical V belt pulley IP-20**. They are interchangeable with type SPA, SPB, SPC and SPZ. The pulleys are made from CAST IRON G3000 (GG22) to American standard "**SAEJ431AVG96**".

Following are the requirement of G3000:

- Tensile strength $\geq 207\text{Mpa}$
- Hardness $\geq \text{HB187-241}$
- Chemical composition C 3.1-3.4%, Si 1.9-2.3%, Mn 0.6-0.9%, S $\leq 0.15\%$, P $\leq 0.15\%$

After being machined, pulleys are phosphatised and treated with rustproof oil.

All pulleys are statically balanced to 6.3 according to **ISO 1940**. After balanced the pulleys are suitable for the linear speed of not more than 35m/sec. Dynamic balancing can be provided on request. SKF can issue a certificate stating that all pulleys are dynamically balanced in case of any special customer request.



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