

<b>Document Name:</b>	<b>ALPHA MOTORS STANDARDS</b>	<b>Date issued:</b>	03/2024
<b>Document Number:</b>	WS-WP-004	<b>Revision date:</b>	03/2025
<b>No of Pages:</b>	01	<b>Revision no:</b>	00
<b>Document Owner:</b>	Technician: Motors & Drives		

### Alpha Motors - Standards

The Alpha motors sold by Bearings International are manufactured by TECHTOP one of the leading motor manufacturers in China. The TECHTOP motors are designed with the new European standard for high efficiency.

The ALPHA motor / TECHTOP complies with the following Standards.

Ratings and Performance

IEC 60034-1

Methods for determining losses and efficiency.

IEC60034-2 -1

Classification of degrees of protection

IEC 60034-5

Methods of cooling

IEC 60034-6

Classification of type od construction mounting arrangements.

IEC 60034-7

Terminal markings and direction of rotation

IEC 60034-8

Noise limits

IEC 60034-11

Starting performance of rotating electrical machines

IEC 60034-12

Mechanical vibrations

IEC 60034-14

Rotating electrical machines part30, efficiency of single speed, three-phase induction motors

IEC 60034-30-1 Edition 1