

# ISO 5295:2017-04 (E)

## Synchronous belts - Calculation of power rating and drive centre distance

---

<b>Contents</b>		<b>Page</b>
	<b>Foreword</b> .....	<b>iv</b>
<b>1</b>	<b>Scope</b> .....	<b>1</b>
<b>2</b>	<b>Normative references</b> .....	<b>1</b>
<b>3</b>	<b>Terms and definitions</b> .....	<b>1</b>
<b>4</b>	<b>Symbols</b> .....	<b>2</b>
<b>5</b>	<b>Basic power rating</b> .....	<b>2</b>
<b>6</b>	<b>Power rating</b> .....	<b>2</b>
	6.1 Exact formula.....	2
	6.2 Approximate formula.....	3
<b>7</b>	<b>Centre distance</b> .....	<b>3</b>
	7.1 Exact formula.....	3
	7.2 Approximate formula.....	4
<b>8</b>	<b>Number of teeth in mesh</b> .....	<b>4</b>
<b>9</b>	<b>Factor <math>k_z</math></b> .....	<b>4</b>
<b>10</b>	<b>Factor <math>k_w</math></b> .....	<b>4</b>