



# Linear ball bearing and housing units

## KTSO30-PP-AS (Series KTSO..-PP-AS)

open design, with self-aligning linear ball bearing, contact seals on both sides

The datasheet is only an overview of dimensions and basic load ratings of the selected product. Please always observe all the guidelines in these overview pages. Further information is given on many products under the menu item "Description". You can also order comprehensive information via the Catalogue ordering system (<http://www.ina.de/content.ina.de/en/mediathek/library/library.jsp>) or by telephone on +49 (91 32) 82 - 28 97.

F <sub>w</sub>	30 mm
H	60 mm
B	87 mm
L	142 mm
	6 Number of rows of balls
1)	Main load direction
A <sub>5</sub>	43,5 mm Tolerance: +/-0,01
B <sub>2</sub>	14,3 mm Dimension B <sub>2</sub> on diameter F <sub>w</sub>
G <sub>2</sub>	M10
H <sub>2</sub>	35 mm Tolerance: +0,008 / -0,016
H <sub>5</sub>	9,7 mm
H <sub>6</sub>	34 mm
J <sub>B</sub>	68 mm Tolerance: +/-0,15
J <sub>L</sub>	106 mm Tolerance: +/-0,15 Dimension J <sub>L</sub> symmetrical to bearing length L.
K <sub>5</sub>	M8 For fixing screws to ISO 4762-8.8 If there is a possibility of settling, the screws should be secured against rotation.
K <sub>8</sub>	NIP5MZ Lubrication nipple Lubrication hole symmetrical to bearing length L.
L <sub>6</sub>	54 mm Dimension L <sub>6</sub> symmetrical to bearing length L.
N <sub>1</sub>	8,4 mm
N <sub>3</sub>	15 mm
N <sub>4</sub>	2,5X5,3 mm Centring hole to DIN 332 type A

T <sub>5</sub>	22 mm
α	57 °
m	1550 g Mass
	Basic load ratings in main load direction
	The basic load ratings are only valid for hardened (670+170 HV) and ground shaft raceways.
C <sub>max</sub>	9600 N Basic dynamic load rating
C <sub>o max</sub>	12000 N Basic static load rating



