

# Self-Aligning Linear Ball Bearings



**THE NEW KX**  
Number One In The Ratings



## Features

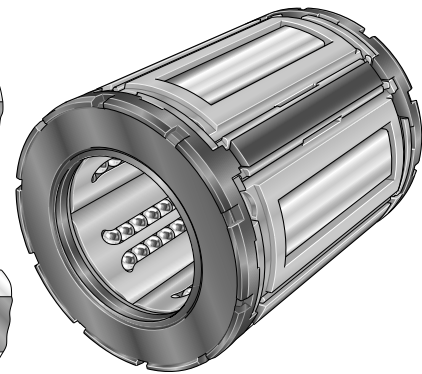
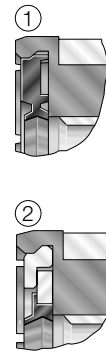
### Self-Aligning Linear Ball Bearings

- Consist of a housing, movable segments and seals
  - housing closed or open
  - segments consist of an upper portion, load plate, rolling elements (balls), and lower portion with ball recirculation raceways
- Compensate bearing center axis misalignment automatically by means of movable segments. This allows shafts to be tilted up to  $\pm 40$  angular minutes without affecting the load carrying capacity or service life of the bearings
- No decreased load ratings due to edge stress within the toleranced shaft-tilt range. This means the bearings can support considerably higher loads than non-aligning linear ball bearings of the same diameter
- Low friction and quiet operation due to
  - the automatic compensation of tilting
  - ground rolling-element raceways in the load plates
- Smoother operation than plain bearings and thus suitable for applications requiring high positioning accuracy
- Allow high speeds and accelerations
- Permit linear guidance systems with unlimited traverse distances
- Supplied with an oil-based preservative coating
- Sealed on both sides with gap seals or double-lip contact seals
  - open linear ball bearings contain in addition integral sealing strips on both sides
- Can replace commercially available linear ball bearings of the same size, even in existing applications
- Can be combined with INA housings and supplied as housing units
- Open design with the appropriate housing is suitable for supported shafts
- Open and split housing allows adjustable clearance and preloading
- Optimally matched, ready-to-install and economical complete linear solutions with long service life when combined with INA housings and INA shafts or INA guideways
- Also available in metric sizes (series KS and KSO: see INA Market Information MAI 71).

### Self-Aligning Linear Ball Bearings



#### KX, KX..PP

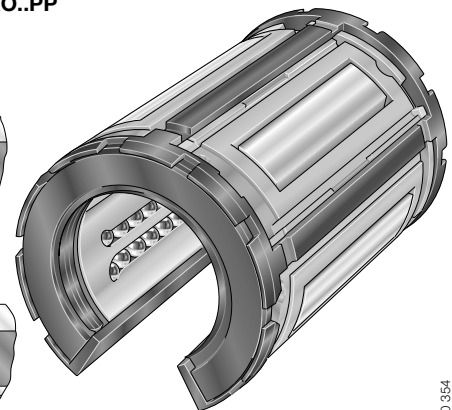
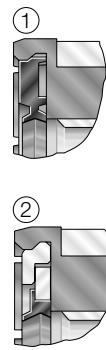


- self-aligning linear ball bearing, closed
- KX with gap seal on both sides ①
- KX..PP with lip seal on both sides ②
- for operating temperatures up to  $+80$  °C
- for shafts from 1/2" to 2"

120 351



#### KXO, KXO..PP



- self-aligning linear ball bearing, open, for supported shafts
- KXO with gap seal on both ① sides KXO..PP with lip seal on both sides ②
- integral gap sealing strips
- for operating temperatures up to  $+80$  °C
- for shafts from 1/2" to 2"

120 354

# Self-Aligning Linear Ball Bearings – Mounted Units

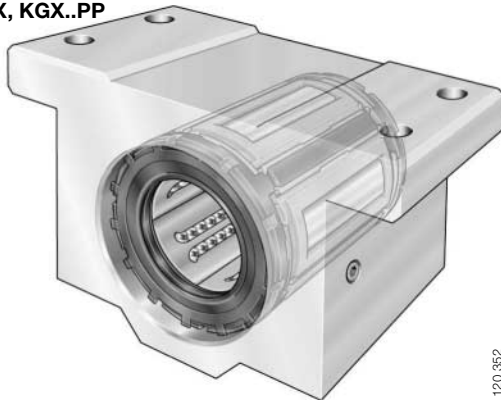


## Features

### Mounted Units



**KGX, KGX..PP**



120 352



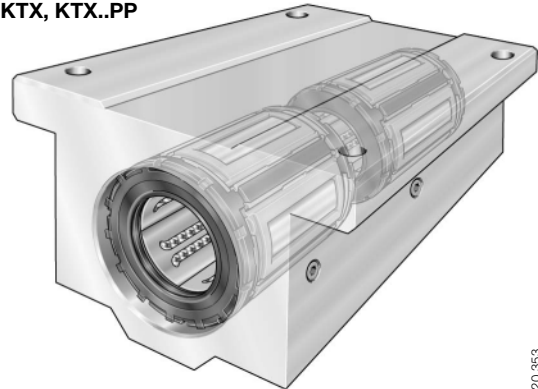
- high-strength aluminum-alloy housing with linear ball bearing KX..PP
- for operating temperatures up to +80 °C
- for shafts from 1/2" to 2"

6

### Tandem Mounted Units



**KTX, KTX..PP**

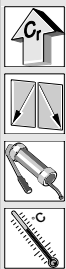


120 353



- high-strength aluminum-alloy housing with tandem mounted linear ball bearings KX..PP
- for operating temperatures up to +80 °C
- for shafts from 1/2" to 2"

8



**KGXO, KGXO..PP**



120 355

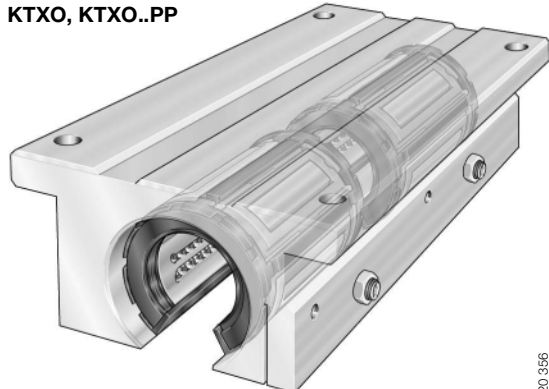


- high-strength aluminum-alloy housing, open, split, with linear ball bearing KXO..PP
- adjustable clearance and suitable for supported shafts
- for operating temperatures up to +80 °C
- for shafts from 1/2" to 2"

6



**KTXO, KTXO..PP**



120 356



- high-strength aluminum-alloy housing, open, split, with tandem mounted linear ball bearings KXO..PP
- adjustable clearance and suitable for supported shafts
- for operating temperatures up to +80 °C
- for shafts from 1/2" to 2"

8

# Shafts



## Features

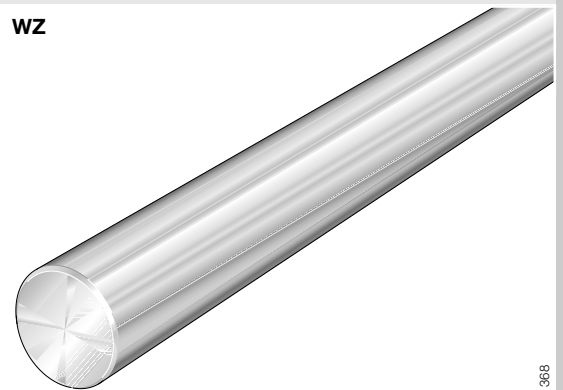
### Shafts

- High-precision raceways for INA linear ball bearings
- Made from quenched and tempered steel with a surface hardness of 670 +170 HV (59 +6 HRC)
  - the uniform effective case depth ensures a continuous transition from the hardened surface layer to the tough core
- Can be loaded with the full load rating for INA self-aligning linear ball bearings
- Standard manufacture in tolerance classes given in the *Dimension Table* (see page 10)
- High degree of accuracy (roundness and parallelism)
- Available as one-piece units in lengths of up to 6 000 mm, depending on the diameter
  - longer shafts available on request
  - shaft ends are chamfered after the shaft is cut to length
- Can be designed to include axial or radial tapped location holes
- Special designs also available with ends different than those on the standard design
- Allow linear guidance systems with high load-carrying capacity, rigidity and precision, as well as a long service life
- Optimally matched, ready-to-install and economical shaft guidance systems when combined with INA linear ball bearings or linear ball bearing and housing units
- Also suitable for the following applications in addition to their use as raceways for INA linear ball bearings:
  - guide rods for bushings
  - column guides for stud-type and yoke-type track rollers
  - drawing and straightening rollers
  - shafts and axles in a wide variety of applications

### Shafts



#### WZ



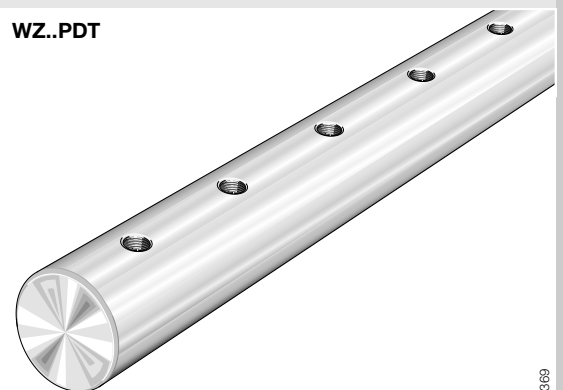
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- precision ground shaft made from quenched and tempered steel
- standard design includes class “L” and stainless steel
- diameters from 1/4” to 2”



#### WZ..PDT



120 369

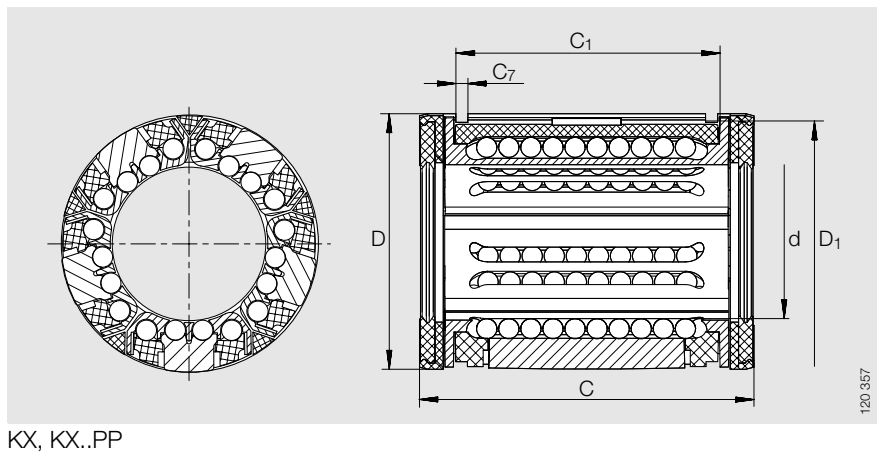


- precision ground shaft made from quenched and tempered steel
- standard design includes class “L” and stainless steel
- radial tapped holes for location, e.g. on a carriage
- diameters from 1/2” to 2”

# Self-Aligning Linear Ball Bearings

closed and open  
with gap seal or  
contact seal on both sides

Series KX  
KX..PP  
KXO  
KXO..PP

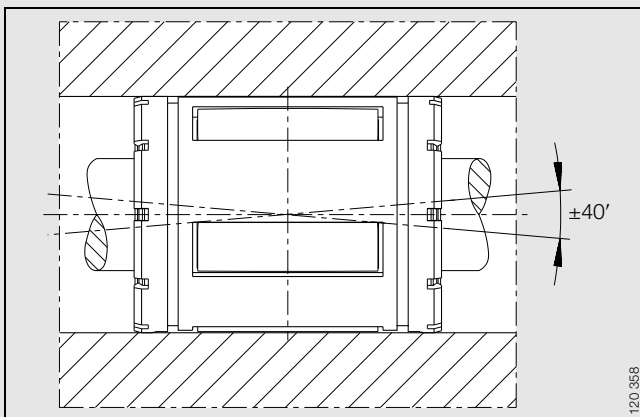


KX, KX..PP

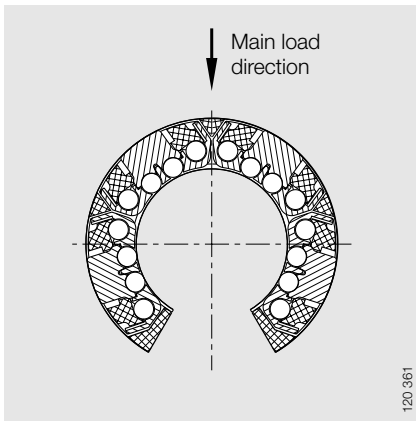
Dimension Table · Inch Dimensions

Shaft Diameter	Design Types KX <sup>1)</sup> Designation	Weight lbs.	Design Types KX..PP <sup>2)</sup> Designation	Weight lbs.	Design Types KXO <sup>1)</sup> Designation	Weight lbs.	Design Types KXO..PP <sup>2)</sup> Designation	Weight lbs.	Dimensions	
									d	D
1/2	<b>KX 08</b>	0,0430	<b>KX 08 PP</b>	0,0452	–	–	–	–	0,500 <sub>-0,005</sub>	0,875
	–	–	–	–	<b>KXO 08</b>	0,0317	<b>KXO 08 PP</b>	0,0340	0,500 <sub>-0,005</sub>	0,875
5/8	<b>KX 10</b>	0,0875	<b>KX 10 PP</b>	0,0924	–	–	–	–	0,625 <sub>-0,005</sub>	1,125
	–	–	–	–	<b>KXO 10</b>	0,0719	<b>KXO 10 PP</b>	0,0756	0,625 <sub>-0,005</sub>	1,125
3/4	<b>KX 12</b>	0,1155	<b>KX 12 PP</b>	0,1202	–	–	–	–	0,750 <sub>-0,005</sub>	1,250
	–	–	–	–	<b>KXO 12</b>	0,0948	<b>KXO 12 PP</b>	0,0985	0,750 <sub>-0,005</sub>	1,250
1	<b>KX 16</b>	0,2425	<b>KX 16 PP</b>	0,2535	–	–	–	–	1,000 <sub>-0,005</sub>	1,563
	–	–	–	–	<b>KXO 16</b>	0,1962	<b>KXO 16 PP</b>	0,2055	1,000 <sub>-0,005</sub>	1,563
1 1/4	<b>KX 20</b>	0,4861	<b>KX 20 PP</b>	0,5093	–	–	–	–	1,250 <sub>-0,006</sub>	2,000
	–	–	–	–	<b>KXO 20</b>	0,3933	<b>KXO 20 PP</b>	0,4087	1,250 <sub>-0,006</sub>	2,000
1 1/2	<b>KX 24</b>	0,7749	<b>KX 24PP</b>	0,8029	–	–	–	–	1,500 <sub>-0,006</sub>	2,375
	–	–	–	–	<b>KXO 24</b>	0,6283	<b>KXO 24 PP</b>	0,6530	1,500 <sub>-0,006</sub>	2,375
2	<b>KX 32</b>	1,5139	<b>KX 32 PP</b>	1,5587	–	–	–	–	2,000 <sub>-0,008</sub>	3,000
	–	–	–	–	<b>KXO 32</b>	1,2269	<b>KXO 32 PP</b>	1,2632	2,000 <sub>-0,008</sub>	3,000

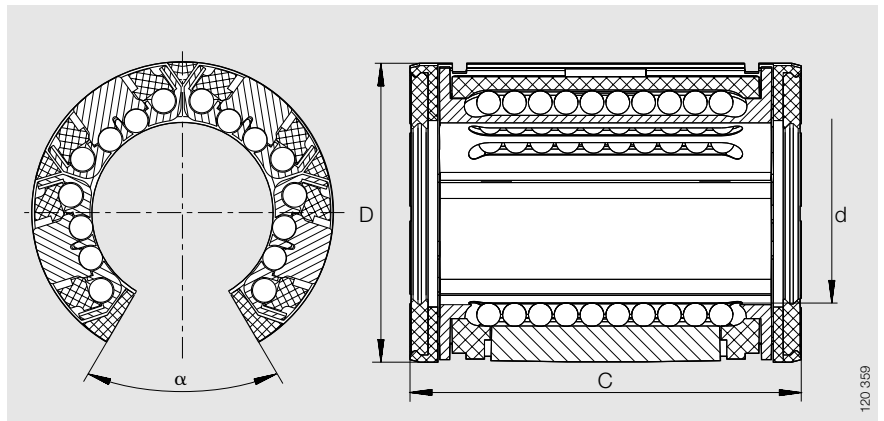
- 1) Gap seal on both sides.
- 2) Contact seal on both sides.
- 3) Load ratings apply only for hardened (670 +170 HV) and ground shaft raceways.
- 4) Load rating in main load direction.
- 5) Load ratings to ISO/CD 14 728-1 (maximum values).



Misalignment compensation ±40'

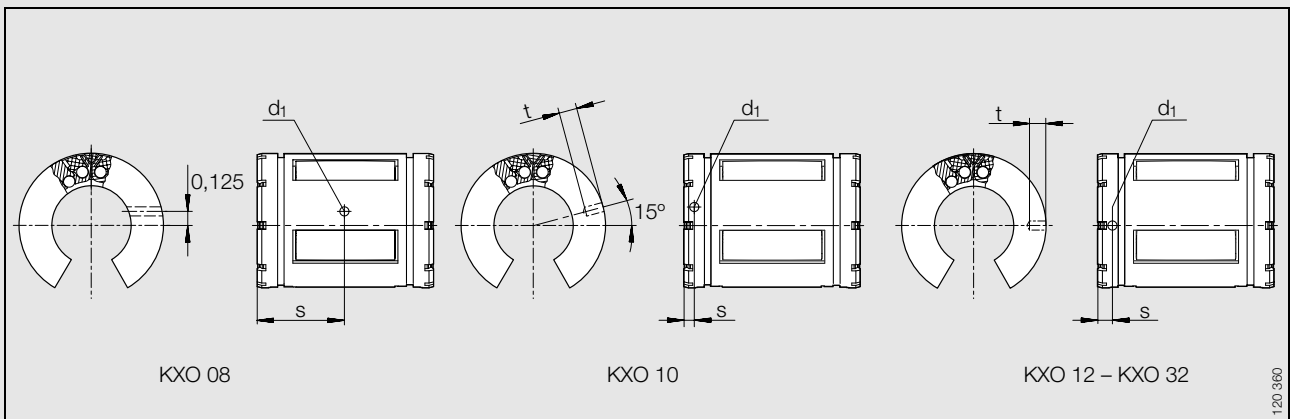


KXO, KXO..PP  
Main load direction<sup>4)</sup>



KXO, KXO..PP

C	D <sub>1</sub>	C <sub>7</sub>	C <sub>1</sub>	α deg.	Location Hole			Number of Ball Rows	Load Ratings <sup>3)5)</sup>		Shaft Diameter
					d <sub>1</sub>	t	S		dyn. C lbf	stat. C <sub>0</sub> lbf	
1,250 <sub>-0,020</sub>	0,821	0,046	1,032 <sub>-0,020</sub>	–	–	–	–	6	275	200	1/2
1,250 <sub>-0,020</sub>	–	–	1,032 <sub>-0,020</sub>	60	0,136	–	0,625	4	260 <sup>4)</sup>	190 <sup>4)</sup>	
1,500 <sub>-0,020</sub>	1,059	0,056	1,112 <sub>-0,020</sub>	–	–	–	–	10	290	260	5/8
1,500 <sub>-0,020</sub>	–	–	1,112 <sub>-0,020</sub>	60	0,105	0,039	0,125	8	290 <sup>4)</sup>	260 <sup>4)</sup>	
1,625 <sub>-0,020</sub>	1,176	0,056	1,272 <sub>-0,020</sub>	–	–	–	–	10	430	370	3/4
1,625 <sub>-0,020</sub>	–	–	1,272 <sub>-0,020</sub>	60	0,136	0,059	0,125	8	430 <sup>4)</sup>	370 <sup>4)</sup>	
2,250 <sub>-0,020</sub>	1,469	0,068	1,886 <sub>-0,020</sub>	–	–	–	–	10	810	720	1
2,250 <sub>-0,020</sub>	–	–	1,886 <sub>-0,020</sub>	64	0,136	0,047	0,125	8	810 <sup>4)</sup>	720 <sup>4)</sup>	
2,625 <sub>-0,025</sub>	1,886	0,068	2,011 <sub>-0,025</sub>	–	–	–	–	10	1490	1190	1 1/4
2,625 <sub>-0,025</sub>	–	–	2,011 <sub>-0,025</sub>	64	0,201	0,090	0,188	8	1490 <sup>4)</sup>	1190 <sup>4)</sup>	
3,000 <sub>-0,030</sub>	2,239	0,086	2,422 <sub>-0,030</sub>	–	–	–	–	10	2090	1550	1 1/2
3,000 <sub>-0,030</sub>	–	–	2,422 <sub>-0,030</sub>	64	0,201	0,090	0,188	8	2090 <sup>4)</sup>	1550 <sup>4)</sup>	
4,000 <sub>-0,040</sub>	2,838	0,103	3,206 <sub>-0,040</sub>	–	–	–	–	10	3500	2750	2
4,000 <sub>-0,040</sub>	–	–	3,206 <sub>-0,040</sub>	60	0,265	0,090	0,312	8	3500 <sup>4)</sup>	2750 <sup>4)</sup>	

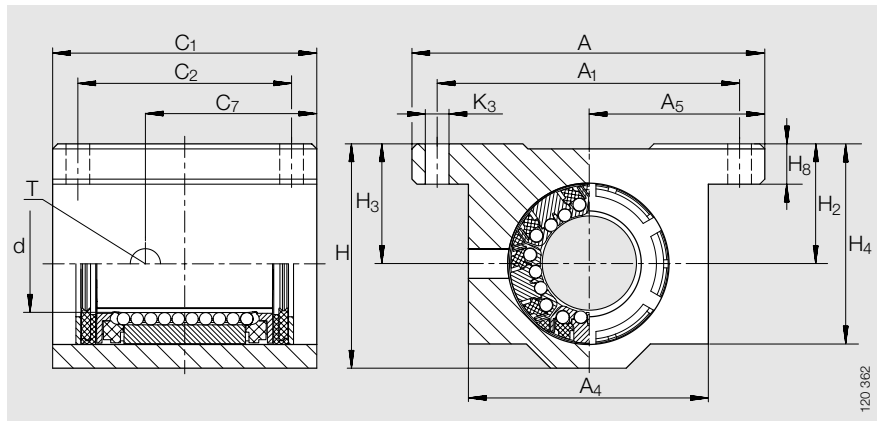


Location holes

# Self-Aligning Mounted Units

closed and open  
Linear ball bearing with gap seal  
or contact seal on both sides

Series KGX  
KGX..PP  
KGXO  
KGXO..PP

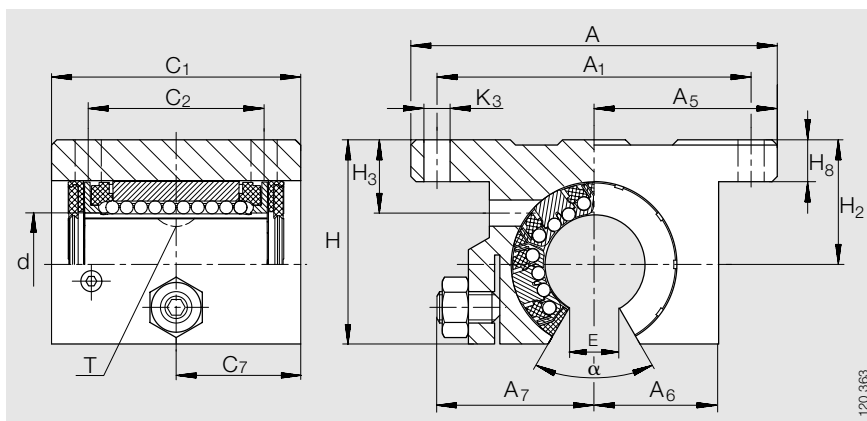


KGX, KGX..PP

Dimension Table · Inch Dimensions

Shaft Diameter	Design Types				Weight	Dimensions						
	KGX <sup>1)</sup>	KGXO..PP <sup>2)</sup>	KGXO <sup>1)</sup>	KGXO..PP <sup>2)</sup>		d	A	H	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>
	Designation	Designation	Designation	Designation	lbs.					±0,001		
1/2	<b>KGX 08</b>	<b>KGX 08 PP</b>	–	–	0,249	0,500	2,000	1,250	1,375	1,000	–	–
	–	–	<b>KGXO 08</b>	<b>KGXO 08 PP</b>	0,216	0,500	2,000	1,100	–	1,000	0,688	0,905
5/8	<b>KGX 10</b>	<b>KGX 10 PP</b>	–	–	0,464	0,625	2,500	1,625	1,750	1,250	–	–
	–	–	<b>KGXO 10</b>	<b>KGXO 10 PP</b>	0,395	0,625	2,500	1,375	–	1,250	0,875	1,095
3/4	<b>KGX 12</b>	<b>KGX 12 PP</b>	–	–	0,581	0,750	2,750	1,750	1,875	1,375	–	–
	–	–	<b>KGXO 12</b>	<b>KGXO 12 PP</b>	0,495	0,750	2,750	1,535	–	1,375	0,937	1,161
1	<b>KGX 16</b>	<b>KGX 16 PP</b>	–	–	1,213	1,000	3,250	2,188	2,375	1,625	–	–
	–	–	<b>KGXO 16</b>	<b>KGXO 16 PP</b>	1,053	1,000	3,250	1,975	–	1,625	1,188	1,457
1 1/4	<b>KGX 20</b>	<b>KGX 20 PP</b>	–	–	2,430	1,250	4,000	2,813	3,000	2,000	–	–
	–	–	<b>KGXO 20</b>	<b>KGXO 20 PP</b>	2,104	1,250	4,000	2,458	–	2,000	1,500	1,831
1 1/2	<b>KGX 24</b>	<b>KGX 24 PP</b>	–	–	3,573	1,500	4,750	3,250	3,500	2,375	–	–
	–	–	<b>KGXO 24</b>	<b>KGXO 24 PP</b>	3,154	1,500	4,750	2,910	–	2,375	1,750	2,087
2	<b>KGX 32</b>	<b>KGX 32 PP</b>	–	–	7,196	2,000	6,000	4,063	4,500	3,000	–	–
	–	–	<b>KGXO 32</b>	<b>KGXO 32 PP</b>	6,306	2,000	6,000	3,660	–	3,000	2,250	2,638

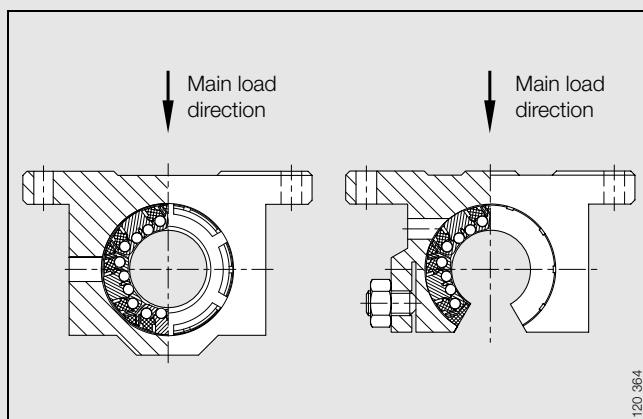
- 1) Linear ball bearing with gap seal on both sides.
- 2) Linear ball bearing with contact seal on both sides.
- 3) Load ratings apply only for hardened (670 +170 HV) and ground shaft raceways.
- 4) Load rating in main load direction.
- 5) Load ratings to ISO/CD 14 728-1 (maximum values).



120 363

KGXO, KGXO..PP

									Mounting Dimensions			Load Ratings <sup>3)5)</sup>		Shaft Diameter
C <sub>1</sub>	C <sub>7</sub>	H <sub>2</sub> ±0,001	H <sub>3</sub>	H <sub>4</sub>	H <sub>8</sub>	T	E	α deg.	A <sub>1</sub> ±0,01	C <sub>2</sub> ±0,01	K <sub>3</sub>	dyn. <sup>4)</sup> C lbf	stat. <sup>4)</sup> C <sub>0</sub> lbf	
1,688	0,844	0,687	0,690	1,125	0,250	NIP A1	–	–	1,688	1,000	0,156	275	200	<b>1/2</b>
1,500	0,520	0,687	0,370	–	0,250	NIP A1	0,313	30	1,688	1,000	0,156	260	190	
1,938	1,260	0,875	0,700	1,437	0,281	1/4-28	–	–	2,125	1,125	0,188	290	260	<b>5/8</b>
1,750	0,875	0,875	0,450	–	0,281	1/4-28	0,375	30	2,125	1,130	0,188	290	260	
2,063	1,340	0,937	0,937	1,563	0,313	1/4-28	–	–	2,375	1,250	0,188	430	370	<b>3/4</b>
1,875	0,937	0,937	0,510	–	0,313	1/4-28	0,438	30	2,375	1,250	0,188	430	370	
2,813	1,950	1,187	1,187	1,938	0,375	1/4-28	–	–	2,875	1,750	0,218	810	720	<b>1</b>
2,625	1,312	1,187	0,730	–	0,375	1/4-28	0,563	30	2,875	1,750	0,218	810	720	
3,625	2,430	1,500	1,500	2,500	0,437	1/4-28	–	–	3,500	2,000	0,218	1 490	1 190	<b>1 1/4</b>
3,375	1,688	1,500	0,800	–	0,437	1/4-28	0,625	30	3,500	2,000	0,218	1 490	1 190	
4,000	2,750	1,750	1,750	2,875	0,500	1/4-28	–	–	4,125	2,500	0,281	2 090	1 550	<b>1 1/2</b>
3,750	1,875	1,750	0,840	–	0,500	1/4-28	0,750	30	4,125	2,500	0,281	2 090	1 550	
5,000	3,420	2,125	2,125	3,625	0,625	1/4-28	–	–	5,250	3,250	0,406	3 500	2 750	<b>2</b>
4,750	2,375	2,125	1,100	–	0,625	1/4-28	1,000	30	5,250	3,250	0,406	3 500	2 750	



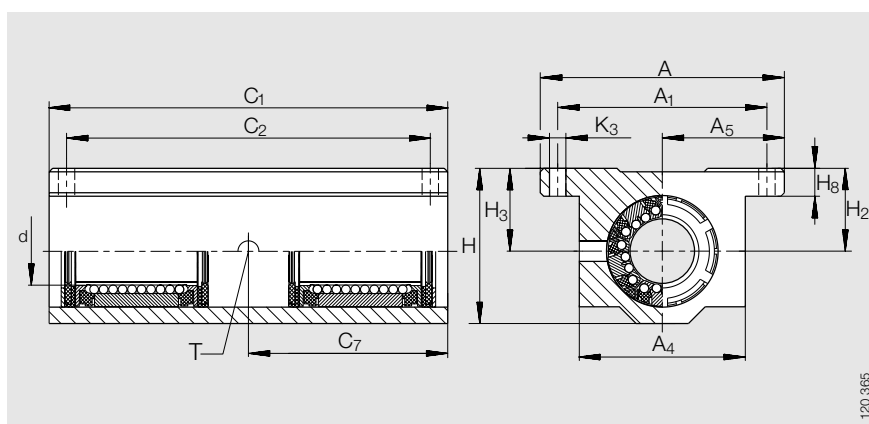
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KGX, KGX..PP, KGXO, KGXO..PP  
Main load direction<sup>4)</sup>

# Self-Aligning Tandem Mounted Units

closed and open  
Linear ball bearing with gap seal  
or contact seal on both sides

Series KTX  
KTX..PP  
KTXO  
KTXO..PP



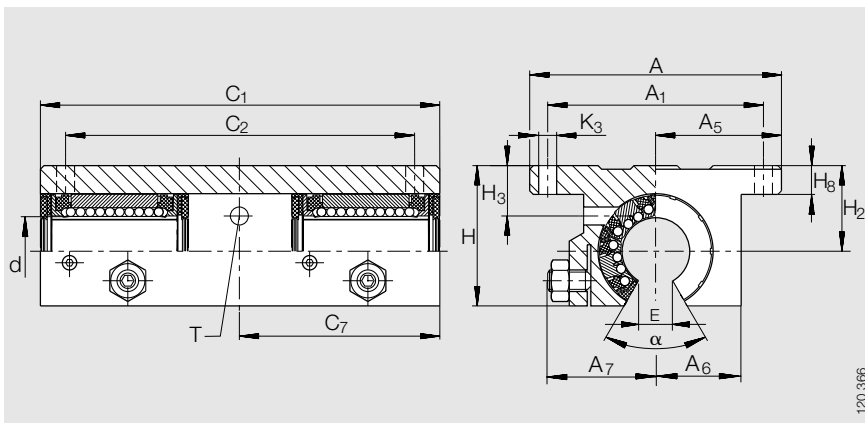
KTX, KTX..PP

**Dimension Table** · Inch Dimensions

Shaft Diameter	Design Types				Weight	Dimensions						
	KTX <sup>1)</sup>	KTX..PP <sup>2)</sup>	KTXO <sup>1)</sup>	KTXO..PP <sup>2)</sup>		d	A	H	A <sub>4</sub>	A <sub>5</sub>	A <sub>6</sub>	A <sub>7</sub>
	Designation	Designation	Designation	Designation	lbs.					±0,001		
1/2	<b>KTX 08</b>	<b>KTX 08 PP</b>	–	–	0,443	0,500	2,000	1,250	1,375	1,000	–	–
	–	–	<b>KTXO 08</b>	<b>KTXO 08 PP</b>	0,369	0,500	2,000	1,100	–	1,000	0,688	0,905
5/8	<b>KTX 10</b>	<b>KTX 10 PP</b>	–	–	1,065	0,625	2,500	1,625	1,750	1,250	–	–
	–	–	<b>KTXO 10</b>	<b>KTXO 10 PP</b>	0,887	0,625	2,500	1,375	–	1,250	0,875	1,095
3/4	<b>KTX 12</b>	<b>KTX 12 PP</b>	–	–	1,253	0,750	2,750	1,750	1,875	1,375	–	–
	–	–	<b>KTXO 12</b>	<b>KTXO 12 PP</b>	1,071	0,750	2,750	1,535	–	1,375	0,937	1,161
1	<b>KTX 16</b>	<b>KTX 16 PP</b>	–	–	2,597	1,000	3,250	2,188	2,375	1,625	–	–
	–	–	<b>KTXO 16</b>	<b>KTXO 16 PP</b>	2,228	1,000	3,250	1,975	–	1,625	1,188	1,457
1 1/4	<b>KTX 20</b>	<b>KTX 20 PP</b>	–	–	5,529	1,250	4,000	2,813	3,000	2,000	–	–
	–	–	<b>KTXO 20</b>	<b>KTXO 20 PP</b>	4,774	1,250	4,000	2,485	–	2,000	1,500	1,831
1 1/2	<b>KTX 24</b>	<b>KTX 24 PP</b>	–	–	8,316	1,500	4,750	3,250	3,500	2,375	–	–
	–	–	<b>KTXO 24</b>	<b>KTXO 24 PP</b>	7,378	1,500	4,750	2,910	–	2,375	1,750	2,087

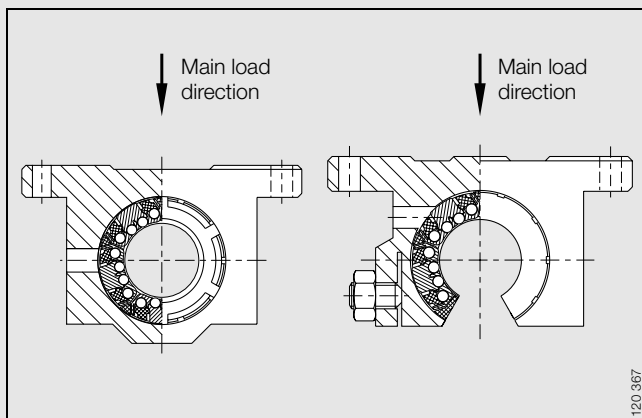
- 1) Linear ball bearing with gap seal on both sides.
- 2) Linear ball bearing with contact seal on both sides.
- 3) Load ratings apply only for hardened (670 +170 HV) and ground shaft raceways.
- 4) Load rating in main load direction.
- 5) Load ratings to ISO/CD 14 728-1 (maximum values).





KTXO, KTXO..PP

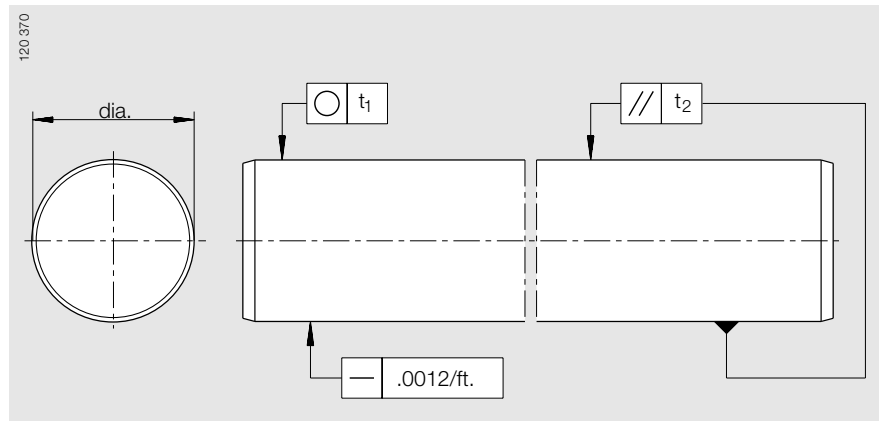
									Mounting Dimensions			Load Ratings <sup>3)5)</sup>		Shaft Diameter
C <sub>1</sub>	C <sub>7</sub>	H <sub>2</sub> ±0,001	H <sub>3</sub>	H <sub>4</sub>	H <sub>8</sub>	T	E	α deg.	A <sub>1</sub> ±0,01	C <sub>2</sub> ±0,01	K <sub>3</sub>	dyn. <sup>4)</sup> C lbf	stat. <sup>4)</sup> C <sub>0</sub> lbf	
3,50	1,750	0,687	0,687	1,125	0,250	NIP A1	–	–	1,688	2,500	0,156	550	400	<b>1/2</b>
3,50	1,750	0,687	0,370	–	0,250	NIP A1	0,313	30	1,688	2,500	0,156	520	380	
4,00	2,000	0,875	0,875	1,437	0,281	1/4-28	–	–	2,125	3,000	0,188	580	520	<b>5/8</b>
4,00	2,000	0,875	0,450	–	0,281	1/4-28	0,375	30	2,125	3,000	0,188	580	520	
4,50	2,250	0,937	0,937	1,563	0,313	1/4-28	–	–	2,375	3,500	0,188	860	740	<b>3/4</b>
4,50	2,250	0,937	0,510	–	0,313	1/4-28	0,438	30	2,375	3,500	0,188	860	740	
6,00	3,000	1,187	1,187	1,938	0,375	1/4-28	–	–	2,875	4,500	0,218	1 620	1 440	<b>1</b>
6,00	3,000	1,187	0,730	–	0,375	1/4-28	0,563	30	2,875	4,500	0,218	1 620	1 440	
7,50	3,750	1,500	1,500	2,500	0,437	1/4-28	–	–	3,500	5,500	0,218	3 000	2 380	<b>1 1/4</b>
7,50	3,750	1,500	0,800	–	0,437	1/4-28	0,625	30	3,500	5,500	0,218	3 000	2 380	
9,00	4,500	1,750	1,750	2,875	0,500	1/4-28	–	–	4,125	6,500	0,218	4 200	3 100	<b>1 1/2</b>
9,00	4,500	1,750	0,800	–	0,500	1/4-28	0,750	30	4,125	6,500	0,281	4 200	3 100	



KTX, KTX..PP, KTXO, KTXO..PP  
Main load direction<sup>4)</sup>

# Shafts

Series WZ



WZ

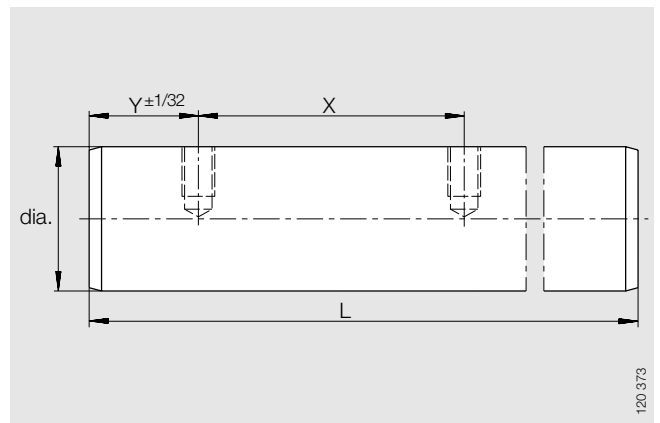
**Dimension Table** · Inch Dimensions

Shaft Diameter	Designation			Tolerance		Roundness	Taper	Case Depth	Surface roughness
	Standard "L" Class	Standard "S" Class	Stainless Steel	Standard Tolerance "L" Class	Standard Tolerance "S" Class	t <sub>1</sub>	t <sub>2</sub> <sup>1)</sup>	min	max
1/4	<b>WZ 0-1/4 L</b>	<b>WZ 0-1/4 S</b>	-	-0,0005/-0,0010	-0,0010/-0,0015	0,0002	0,0002	0,031	RMS 12
3/8	<b>WZ 0-3/8 L</b>	<b>WZ 0-3/8 S</b>	<b>WZ 0-3/8 SS L</b>	-0,0005/-0,0010	-0,0010/-0,0015	0,0002	0,0002	0,031	RMS 12
1/2	<b>WZ 0-1/2 L</b>	<b>WZ 0-1/2 S</b>	<b>WZ 0-1/2 SS L</b>	-0,0005/-0,0010	-0,0010/-0,0015	0,0002	0,0002	0,051	RMS 12
5/8	<b>WZ 0-5/8 L</b>	<b>WZ 0-5/8 S</b>	<b>WZ 0-5/8 SS L</b>	-0,0005/-0,0010	-0,0010/-0,0015	0,0002	0,0003	0,051	RMS 12
3/4	<b>WZ 0-3/4 L</b>	<b>WZ 0-3/4 S</b>	<b>WZ 0-3/4 SS L</b>	-0,0005/-0,0010	-0,0010/-0,0015	0,0002	0,0003	0,051	RMS 12
1	<b>WZ 1-0/0 L</b>	<b>WZ 1-0/0 S</b>	<b>WZ 1-0/0 SS L</b>	-0,0005/-0,0010	-0,0010/-0,0015	0,0002	0,0003	0,063	RMS 12
1-1/8	<b>WZ 1-1/8 L</b>	-	-	-0,0005/-0,0010	-	0,0002	0,0003	0,063	RMS 12
1-1/4	<b>WZ 1-1/4 L</b>	<b>WZ 1-1/4 S</b>	-	-0,0005/-0,0010	-0,0010/-0,0015	0,0002	0,0004	0,063	RMS 12
1-1/2	<b>WZ 1-1/2 L</b>	<b>WZ 1-1/2 S</b>	<b>WZ 1-1/2 SS L</b>	-0,0006/-0,0011	-0,0011/-0,0016	0,0002	0,0004	0,063	RMS 12
2	<b>WZ 2-0/0 L</b>	<b>WZ 2-0/0 S</b>	-	-0,0006/-0,0013	-0,0013/-0,0020	0,0003	0,0005	0,079	RMS 12

<sup>1)</sup> Measured diameter variation.

# Shafts

Series WZ..PDT



WZ..PDT

120 373

**Dimension Table** · Inch Dimensions

Shaft Diameter	Designation		Hole Spacing	Thread Size
	Standard	Stainless Steel	X	d
$\frac{1}{2}$	<b>WZ 0-<math>\frac{1}{2}</math> PDT</b>	<b>WZ 0-<math>\frac{1}{2}</math> SS PDT</b>	4	6 -32
$\frac{5}{8}$	<b>WZ 0-<math>\frac{5}{8}</math> PDT</b>	-	4	8 -32
$\frac{3}{4}$	<b>WZ 0-<math>\frac{3}{4}</math> PDT</b>	<b>WZ 0-<math>\frac{3}{4}</math> SS PDT</b>	6	10 -32
<b>1</b>	<b>WZ 1-<math>\frac{0}{0}</math> PDT</b>	<b>WZ 1-<math>\frac{0}{0}</math> SS PDT</b>	6	$\frac{1}{4}$ -20
<b>1-<math>\frac{1}{4}</math></b>	<b>WZ 1-<math>\frac{1}{4}</math> PDT</b>	-	6	$\frac{5}{16}$ -18
<b>1-<math>\frac{1}{2}</math></b>	<b>WZ 1-<math>\frac{1}{2}</math> PDT</b>	<b>WZ 1-<math>\frac{1}{2}</math> SS PDT</b>	8	$\frac{3}{8}$ -16
<b>2</b>	<b>WZ 2-<math>\frac{0}{0}</math> PDT</b>	-	8	$\frac{1}{2}$ -13



## **INA-Schaeffler KG**

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