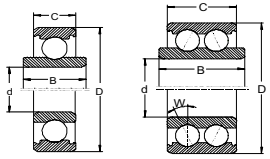
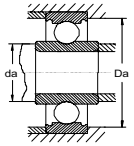
Examples of bearings for textile machines





Cages and shields

- **Available**
- **Feasible** (minimum quantity)
- **Out of program**

Profile codes and specialities. (page 93)

- **B** : Convex profile
- **C** : Concave profile
- **E** : Double side chamfer
- **J** : Ring with synthetic coating
- **K** : Raceway off centered
- **L** : Ring(s) with surface treatment, antiwear coating
- **M** : Ring larger than the other
- **O** : Cylindrical bearing, dimensions out of norm
- **SD** : Without groove for protections on the outer ring
- **T** : Double row
- **X** : Special form not identified by one of the other codes

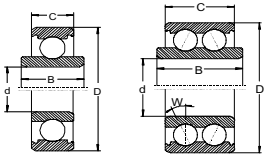
d	Dimensions D (mm / inch)	B	C		Designation	Angle of contact W	Limiting speeds rpm x 1'000 Oil	Grease	Contact seals	Basic load ratings Dyn. Cr (kN)	Stat. Cor (kN)	Abutment dimensions da min (mm)	Da min	Mass (~ gr)	Designation
0	22	30	10.2	(1)	OT0MSD00 *double rows*	30	34	28		5.930	2.790	-	-	46	OT0MSD00
3	16.5	4.8	7		CLM300	-	45	38	24	1.300	0.486	4.6	14.0	4.7	CLM300
	16	4.8	7		CM300	-	45	38	24	1.300	0.486	4.6	14.0	4.7	CM300
3.1	16.5	4.8	7		CM3,100	-	45	38	24	1.300	0.486	4.6	14.0	4.7	CM3,100
4	17.4	5	7		CM400	-	45	38	24	1.300	0.486	5.6	15.0	6.6	CM400
5	18.55	5	7		CM500	-	43	36	22	1.880	0.680	7.0	15.0	6.2	CM500
5.004 (.197)	14.68 (.578)	6 (.236)	6 (.236)		O501	-	43	36	22	1.880	0.680	7.0	13.0	4.5	O501
6.35 (.25)	15.875 (.625)	8.733 (.344)	8.733 (.344)		WSR4	-	41	33	22	1.480	0.618	7.9	14.4	7.3	WSR4
7	19	7.5	8.5		KMO7K00	-	38	32	22	2.460	1.050	9.0	17.8	9.8	KMO7K00
	19	11	18.3		EMX7SD00	-	39	32	20	2.800	1.060	9.0	17.0	18.4	EMX7SD00
	28.2	11	18.3		JMX7SD00	-	39	32	20	2.800	1.060	9.0	17.0	25.4	JMX7SD00
8	22	7	7		B801	-	24	20	13	3.400	2.090	10.0	20.0	12.4	B801
	22	7	7		B802	-	36	30	20	3.400	2.090	10.0	20.0	12.4	B802
	22	11	10		OT8MSD00 *double rows*	-	36	30		5.070	2.580	10.0	20.0	18	OT8MSD00
	22	14.9	10.3		O8M00	-	36	30	20	3.280	1.360	10.0	20.0	18.9	O8M00

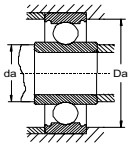
Designation	Cage Y Shields: Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Cage J Shields: Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Cage T9H Shields: Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Cage TBH Shields: Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV
OT0MSD00																			Grey									Grey									
CLM300	Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey										Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
CM300	Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey										Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
CM3,100	Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey										Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
CM400	Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey										Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
CM500	Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey										Grey	Grey		Grey		Grey		Grey		Black	Black		Black		Grey		Grey	
O501	Black	Black		Black		Grey		Grey											Grey	Grey		Grey		Grey		Grey		Black	Black		Black		Grey		Grey	
WSR4	Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey										Black	Black	Black	Black	Black	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey	Grey
KMO7K00	Black	Black	Black	Black	Black	Black	Black	Black	Black										Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black	Black
EMX7SD00	Grey	Grey	Grey																Black	Black	Black							Grey	Grey	Grey						
JMX7SD00	Grey	Grey	Grey																Black	Black	Black							Grey	Grey	Grey						
B801	Full complement of balls version : Z; 2Z; RSR; 2RSR; RSF; 2RSF [available] - RSV; 2RSV [feasible]																																			
B802	Full complement of balls version : Z; 2Z; RSR; 2RSR; RSF; 2RSF [available] - RSV; 2RSV [feasible]																																			
OT8MSD00																			Black									Grey								
O8M00	Black	Black	Black	Black	Black	Black	Black	Grey	Grey										Black	Black	Black	Black	Black	Black	Black	Grey	Grey	Black	Black	Black	Black	Black	Black	Black	Grey	Grey

(1) The inner ring is a shaft, without bore

PRECISION BALL BEARINGS STANDARD AND SPECIAL
WIB SA, Champ-Barby 61, 1630 BULLE, Switzerland
Tel: (+41) 26 919 11 22 , Fax: (+41) 26 919 11 20
http:\\www.wib-bearings.com info@wib-bearings.com

Examples of bearings for textile machines (Continued)





Cages and shields

- **Available**
- **Feasible** (minimum quantity)
- **Out of program**

Profile codes and specialities. (page 93)

- **B** : Convex profile
- **E** : Double chamfer
- **K** : Raceway off centered
- **M** : Ring larger than the other

d	Dimensions D (mm / inch)	B	C		Designation	Angle of contact W	Limiting speeds rpm x 1'000 Oil	Grease	Contact seals	Basic load ratings Dyn. Cr (kN)	Stat. Cor (kN)	Abutment dimensions da min (mm)	Da min	Mass (~ gr)	Designation
9(M4)	26.4	21.5	21.4		**ET900** double rows	-	34	28	18	7.040	3.940	11.0	24.4	61	**ET900**
9.525 .375	22.225 .875	9.525 .375	9.525 .375		**WSR6**	-	36	29	20	3.330	1.410	11.3	20.2	14.8	**WSR6**
	22.225 .875	10.32 .406	7.938 .313		**O9,5KM00**	-	36	29	20	3.330	1.410	11.3	20.2	14.8	**O9,5KM00**
10 .394	26 1.024	11.506 .453	11.506 .453		**O1000**	-	34	28	18	4.580	1.970	12.0	24.0	26.6	**O1000**
	26	16	12		**O10M00**	-	34	28	18	4.580	1.970	12.0	24.0	31.1	**O10M00**
12	28	41.5	8	(7)	**X1201**	-	32	26	17	5.100	2.370	14.0	26.0	22.2	**X1201**
	28	16	12		**O12M00**	-	32	26	17	5.100	2.370	14.0	26.0	34.2	**O12M00**
12.7 .50	28	16	12		**O12,7M00**	-	32	26	17	5.100	2.370	14.7	26.0	34	**O12,7M00**
	28.575 1.125	11.113 .438	11.113 .438		**O12,700**	-	32	26	17	5.100	2.370	14.7	26.6	30.6	**O12,700**
	36.512 1.437	11.506 .453	11.506 .453		**O12,701**	-	32	26	17	5.100	2.370	14.7	34.5	67.5	**O12,701**
15	35	14.4	11		**O15M00**	-	26	20	13	7.730	3.760	19.0	31.0	47.5	**O15M00**
	35	26	11		**BR15KMR00**	-	30	24	14	5.590	2.840	17.0	32.0	64.8	**BR15KMR00**
17	40	22	22		**EKR17K00**	-	22	18	12	9.550	4.760	21	36	111.6	**EKR17K00**
	42	10	9.6		**O17M00**	-	28	22	13	6.000	3.250	19.0	40.0	70.8	**O17M00**
	42	10	9.6	(4)	**B17M00**	-	15	12	9	8.860	1.860	20.0	39.0	66.6	**B17M00**
	42	10	9.6		**B17MSD00**	-	26	20	13	8.610	4.290	20.0	39.0	66	**B17MSD00**

Designation	Cage Y Shields: Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Cage J Shields: Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Cage T9H Shields: Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Cage TBH Shields: Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV
ET900	*																		■									■								
WSR6	■	■	■	■	■	■	▒	▒	▒	■	■	■	■	■	▒	▒	▒	▒	■	■	■	■	■	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒	▒
O9,5KM00	■	■		▒		▒		▒		■	■		▒		▒		▒		■	■		▒		▒		▒		▒	▒		▒		▒		▒	
O1000	■	■	■	■	■	■	■	■	■										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
O10M00	■	■	■	■	■	■	■	■	■										■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
X1201	■	■	■	■	■	■	■	▒	▒										■	■	■	■	■	■	■	▒	▒	■	■	▒	■	▒	■	▒	▒	▒
O12M00	■	■	■	■	■	■	■	▒	▒										■	■	■	■	■	■	■	▒	▒	■	■	■	■	■	■	■	▒	▒
O12,7M00	■	■	■	■	■	■	■	▒	▒										■	■	■	■	■	■	■	▒	▒	■	■	■	■	■	■	■	▒	▒
O12,700	■	■	■	■	■	■	■	▒	▒										■	■	■	■	■	■	■	▒	▒	■	■	■	■	■	■	■	▒	▒
O12,701	■	■	■	■	■	■	■	▒	▒										■	■	■	■	■	■	■	▒	▒	■	■	■	■	■	■	■	▒	▒
O15M00	■	■	■	▒	▒	▒	▒	▒	▒	■	■	■	▒	▒	▒	▒	▒	▒	■	■	■	▒	▒	▒	▒	▒	▒	■	■	■	▒	▒	▒	▒	▒	▒
BR15KMR00	■	■	■	▒	▒	▒	▒	▒	▒										■	■	■	▒	▒	▒	▒	▒	▒	■	■	▒	▒	▒	▒	▒	▒	▒
EKR17K00	■	■	■	▒	▒	▒	▒	▒	▒										■	■	■	▒	▒	▒	▒	▒	▒	■	■	■	▒	▒	▒	▒	▒	▒
O17M00	■	■	■	■	■	■	■	▒	▒										■	■	■	■	■	■	■	▒	▒	■	■	▒	■	▒	■	▒	▒	▒
B17M00	**Full complement of balls version : Z; 2Z; RSR; 2RSR; RSF; 2RSF [available] - RSV; 2RSV [feasible]**																																			
B17MSD00	▒																		▒									▒								

The bearing is made with two inner rings, and a shaft with crossing M4 thread
(7) The bearing is made with a shaft, without bore, which is mounted into the inner ring
Single row self-aligning ball bearing

* Version available only with RSL seal

PRECISION BALL BEARINGS STANDARD AND SPECIAL
WIB SA, Champ-Barby 61, 1630 BULLE, Switzerland
Tel: (+41) 26 919 11 22 , Fax: (+41) 26 919 11 20
http:\\www.wib-bearings.com info@wib-bearings.com