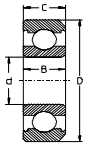
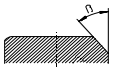
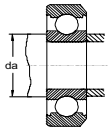
Examples of bearings for linear guide systems - Profiles D and E





Profile D



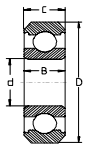
Cages and shields

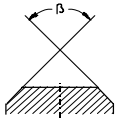
- **Available**
- **Feasible** (minimum quantity)
- **Out of program**

Profile codes and specialities. (page 93)

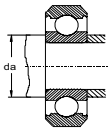
- **D** : One-side chamfer
- **E** : Double side chamfer
- **M** : Ring larger than the other
- **S** : Ring in stainless steel X 65 Cr 13 (ACD34)
- **SD** : Without groove for protections on the outer ring

d	Dimensions D	B	C	Designation	Profile specification	Limiting speeds rpm x 1'000 Oil	Grease	Contact seals	Basic load ratings Dyn. Cr	Stat. Cor	Abutment dimensions da min	Mass	Designation	Cage Y Shields									Cage J Shields									Cage T9H Shields									Cage TBH Shields								
	mm								kN	kN	mm	~ gr		Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV
4	12	4	4	**DMS4ES00**	45	43	36	24	0.712	0.272	4.8	2.5	**DMS4ES00**	■	■	■	■	■	■	■																													
	12.7	3.967	3.967	**D4E00**	35	43	36	24	0.712	0.272	4.8	2.6	**D4E00**	■	■	■	■	■	■	■																													
	13	3.925	4	**DMS4S00**	45	43	36	24	0.712	0.272	4.8	3.1	**DMS4S00**	■	■	■	■	■	■	■																													
	13	5	5	**D400**	45	45	38	24	1.300	0.486	5.6	2.8	**D400**	■	■	■	■	■															■	■	■	■	■											
	13	5	5	**DS4S00**	45	45	38	24	1.300	0.486	5.6	3.2	**DS4S00**	■	■	■	■	■															■	■	■	■	■											
7	25	6.925	7	**DM700**	45	36	30	20	3.280	1.360	9	18.2	**DM700**	■	■	■	■	■	■	■													■	■	■	■	■	■	■			■	■		■		■		
8	25	6.9	7	**DMS8ES00**	45	36	30	20	3.280	1.360	10	17	**DMS8ES00**	■	■	■	■	■	■	■													■	■	■	■	■	■	■			■	■		■		■		
	25	7	7	**D8E01**	35	36	30	20	3.280	1.360	10	18	**D8E01**	■	■	■	■	■	■	■													■	■	■	■	■	■	■			■	■		■		■		
	25	7	7	**D8E00**	35	36	30	20	3.280	1.360	10	16	**D8E00**										■	■	■																							
10	34	8.92	9	**DM1000**	45	32	26	17	5.970	2.630	14	38	**DM1000**	■	■	■	■	■															■	■	■	■	■					■	■		■				
	34	9	9	**D10E00**	35	32	26	17	5.970	2.630	14	42	**D10E00**	■	■	■	■	■															■	■	■	■	■					■	■		■				
12.7	28.575	7.938	7.938	**D12,700**	8	32	26	17	5.100	2.370	14.7	19.1	**D12,700**	■	■	■	■	■	■	■													■	■	■	■	■	■	■			■	■		■		■		





Profile E



														Cage Y Shields									Cage J Shields									Cage T9H Shields									Cage TBH Shields								
														Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV	Open	Z	2Z	RSR	2RSR	RSF	2RSF	RSV	2RSV
4.762	12.7	3.967	3.967	**E4,7SD00**	103	43	36	24	0.712	0.272	5.6	10.6	2.4	**E4,7SD00**	■																		■									■								
6	18	7.6	7.6	**E600**	90	43	36	24	1.060	0.425	7	12	11.1	**E600**	■	■	■	■	■														■	■	■	■	■	■	■			■	■		■		■		
8	29	7.5	7	**E8M00**	90	39	33	20	3.330	1.370	10	23	24.6	**E8M00**									■	■	■								■	■	■	■	■	■	■			■	■		■		■		
15	42	11	11	**E15SD00**	90	26	20	13	7.730	3.760	19	32	85	**E15SD00**	■								■										■									■								

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