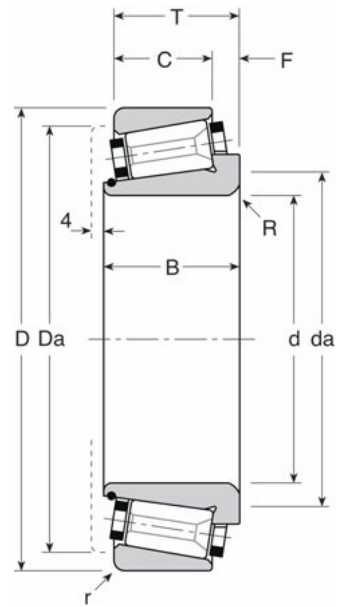


# PLAIN CUP



普通杯  
PLAIN CUP  
AUSSENRING OHNE BUND



- da - Recommended shaft abutment diameter  
empfohlener Durchmesser des Wellen-Widerlagers  
推荐轴肩直径
- Da - Recommended housing abutment diameter  
empfohlener Durchmesser des Gehäuse-Widerlagers  
推荐外桥台直径
- ‡ - Static Stiffness  
Statische Steifigkeit  
静刚度
- \* - Basic Rating 10,000hrs@500rpm  
Belastung 10,000h@500U/min  
基本速率10000 hrs @500rpm

Manufacturing Tolerances  
Fertigungstoleranzen  
制造公差

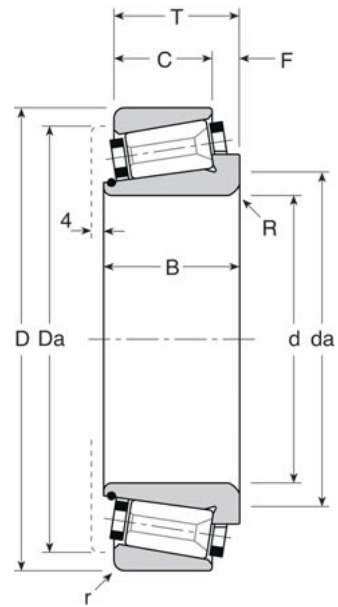
	d ≤ 180mm	d > 180mm
Bore 孔 d	+0,005 0	+0,010 0
Diameter 直径 D	+0,005 0	+0,010 0
Width 宽度 T	±0,25	±0,25

d	D	T	C	B	F	da	Da	r	R	Weight Gew. 重量 kg	‡		*		Speed rpm Drehzahl U/min 转速 rpm max	Bearing Number Kurzzeichen 轴承编号		
											daN/μ		daN			Cone Innenring 内圈	Cup Aussearring 外圈	
											Rad.	Axi.	Rad.	Axi.				
25,000	52,000	16,25	13,00	19,00	3,25	34	46	0,80	1,50	0,190	27	4	435	210	13300	74025	/	74052
30,000	62,000	21,25	17,00	23,00	4,25	40	55	1,00	1,50	0,280	42	7	635	345	11600	70030	/	70062
30,000	66,675	20,63	15,87	23,50	4,76	44	59	1,00	1,50	0,330	42	7	720	405	10400	80030	/	80066X
30,000	68,000	20,63	15,87	23,50	4,76	44	59	1,00	1,50	0,330	42	7	720	405	10400	80030	/	80068
31,750	72,000	24,25	19,00	26,00	5,25	45	64	2,00	2,00	0,380	47	7	1055	545	9600	100031X	/	100072
31,750	76,200	24,25	19,00	26,00	5,25	45	64	2,00	2,00	0,380	47	7	1055	545	9600	100031X	/	100076X
31,750	80,000	24,25	19,00	26,00	5,25	45	64	2,00	2,00	0,380	47	7	1055	545	9600	100031X	/	100080
33,338	66,675	20,63	15,87	23,50	4,76	44	59	1,00	1,50	0,300	42	7	720	405	10400	80033X	/	80066X
33,338	68,000	20,63	15,87	23,50	4,76	44	59	1,00	1,50	0,330	42	7	720	405	10400	80033X	/	80068
34,925	72,000	24,25	19,00	26,00	5,25	45	64	2,00	2,00	0,380	47	7	1055	545	9600	100034X	/	100072
34,925	76,200	24,25	19,00	26,00	5,25	45	64	2,00	2,00	0,380	47	7	1055	545	9600	100034X	/	100076X
34,925	80,000	24,25	19,00	26,00	5,25	45	64	2,00	2,00	0,380	47	7	1055	545	9600	100034X	/	100080
35,000	66,675	20,63	15,87	23,50	4,76	44	59	1,00	1,50	0,270	42	7	720	405	10400	80035	/	80066X
35,000	68,000	20,63	15,87	23,50	4,76	44	59	1,00	1,50	0,330	42	7	720	405	10400	80035	/	80068
35,000	72,000	24,25	19,00	26,00	5,25	45	64	2,00	2,00	0,380	47	7	1055	545	9600	100035	/	100072
35,000	76,200	24,25	19,00	26,00	5,25	45	64	2,00	2,00	0,380	47	7	1055	545	9600	100035	/	100076X
35,000	80,000	24,25	19,00	26,00	5,25	45	64	2,00	2,00	0,380	47	7	1055	545	9600	100035	/	100080
36,000	72,000	17,00	14,25	18,50	2,75	48	65	2,00	3,50	0,260	28	5	665	350	9600	102036	/	102072
38,100	76,000	24,75	19,00	26,00	5,75	52	68	1,00	2,00	0,475	51	9	1110	630	8800	101038X	/	101076
38,100	76,200	24,75	19,00	26,00	5,75	52	68	1,00	2,00	0,475	51	9	1110	630	8800	101038X	/	101076X
38,100	80,000	24,75	19,00	26,00	5,75	52	68	1,00	2,00	0,475	51	9	1110	630	8800	101038X	/	101080
40,000	76,000	24,75	19,00	26,00	5,75	52	68	1,00	2,00	0,475	51	9	1110	630	8800	101040	/	101076
40,000	76,200	24,75	19,00	26,00	5,75	52	68	1,00	2,00	0,475	51	9	1110	630	8800	101040	/	101076X
40,000	80,000	24,75	19,00	26,00	5,75	52	72	1,00	2,00	0,475	51	9	1110	630	8800	101040	/	101080
40,000	85,000	20,63	17,46	24,50	3,17	55	76	2,00	2,00	0,510	44	7	1145	600	8200	112040	/	112085
41,275	76,000	24,75	19,00	26,00	5,75	52	68	1,00	2,00	0,475	51	9	110	630	8800	101041X	/	101076
41,275	76,200	24,75	19,00	26,00	5,75	52	68	1,00	2,00	0,475	51	9	110	630	8800	101041X	/	101076X
41,275	80,000	24,75	19,00	26,00	5,75	52	68	1,00	2,00	0,475	51	9	110	630	8800	101041X	/	101080
41,275	85,000	20,63	17,46	24,50	3,17	55	76	2,00	2,00	0,450	44	7	1145	600	8200	112041X	/	112085
44,450	85,000	20,63	17,46	24,50	3,17	55	76	2,00	2,00	0,450	44	7	1145	600	8200	112044X	/	112085
44,450	85,000	24,75	21,58	28,00	3,17	55	76	2,00	2,00	0,500	56	9	1370	730	8200	119044X	/	119085
44,450	88,900	24,75	21,58	28,00	3,17	55	76	2,00	2,00	0,500	56	9	1370	730	8200	119044X	/	119088X
44,450	90,000	26,75	20,40	29,00	6,35	62	82	2,00	2,00	0,610	60	11	1435	830	7400	111044X	/	111090
44,450	93,266	26,75	20,40	29,00	6,35	62	82	2,00	2,00	0,610	60	11	1435	830	7400	111044X	/	111093X
45,000	80,000	25,00	20,00	27,00	5,00	58	70	3,00	2,00	0,450	42	7	1050	720	8200	87045	/	87080
45,000	85,000	20,63	17,46	24,50	3,17	55	76	2,00	2,00	0,450	44	7	1145	600	8200	112045	/	112085
45,000	85,000	24,75	21,58	28,00	3,17	55	76	2,00	2,00	0,500	56	9	1370	730	8200	119045	/	119085
45,000	88,900	24,75	21,58	28,00	3,17	55	76	2,00	2,00	0,500	56	9	1370	730	8200	119045	/	119088X
50,000	90,000	25,00	20,00	27,00	5,0	59	80	2,00	2,00	0,610	42	7	1150	825	6900	85050	/	85090
50,000	90,000	26,75	20,40	29,00	6,35	62	82	3,00	3,00	0,610	60	11	1435	830	7400	111050	/	111090
50,000	93,266	26,75	20,40	29,00	6,35	62	82	2,00	2,00	0,610	60	11	1435	830	7400	111050	/	111093X
50,000	96,838	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110050	/	110096X
50,000	98,425	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110050	/	110098X
50,000	100,000	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110050	/	110100
50,800	90,000	26,75	20,40	29,00	6,35	62	82	2,00	2,00	0,610	60	11	1435	830	7400	111050X	/	111090
50,800	93,266	26,75	20,40	29,00	6,35	62	84	2,00	2,00	0,660	60	11	1435	830	7400	111050X	/	111093X
50,800	96,838	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110050X	/	110096X
50,800	98,425	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110050X	/	110098X
50,800	100,000	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110050X	/	110100
53,975	96,838	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110053X	/	110096X
53,975	98,425	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110053X	/	110098X

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Fertigungstoleranzen  
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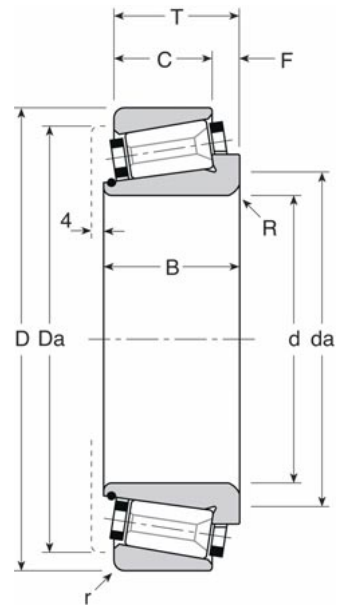
	d ≤ 180mm	d > 180mm
Bore 孔 d	+0,005 0	+0,010 0
Diameter 直径 D	+0,005 0	+0,010 0
Width 宽度 T	±0,25	±0,25

d	D	T	C	B	F	da	Da	r	R	Weight Gew. 重量 kg	‡		*		Speed rpm Drehzahl U/min 转速 rpm max	Bearing Number Kurzzeichen 轴承编号	
											daN/μ		daN			Cone Innenring 内圈	Cup Ausseiring 外圈
											Rad.	Axi.	Rad.	Axi.			
53,975	100,000	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110053X / 110100	
55,000	96,838	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110055 / 110096X	
55,000	98,425	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110055 / 110098X	
55,000	100,000	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,795	68	13	1570	990	6900	110055 / 110100	
57,150	96,838	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110057X / 110096X	
57,150	98,425	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110057X / 110098X	
57,150	100,000	26,75	21,25	29,50	5,50	70	92	2,50	2,00	0,885	68	13	1570	990	6900	110057X / 110100	
57,150	100,000	25,40	19,84	26,50	5,56	72	92	2,00	2,00	0,660	68	13	1585	1020	6600	113057X / 113100	
57,150	101,600	25,40	19,84	26,50	5,56	72	92	2,00	2,00	0,660	68	13	1585	1020	6600	113057X / 113101X	
57,150	110,000	30,16	23,81	33,00	6,35	75	98	2,50	2,50	1,100	78	11	1950	950	6200	120057X / 120110	
57,150	112,712	30,16	23,81	33,00	6,35	75	98	2,50	2,50	1,100	78	11	1950	950	6200	120057X / 120112X	
60,000	95,000	24,00	18,50	25,50	5,50	71	87	0,50	1,50	0,720	64	14	1320	960	6800	104060 / 104095	
60,000	100,000	24,00	18,50	25,50	5,50	71	87	0,50	1,50	0,720	64	14	1320	960	6800	104060 / 104100	
60,000	100,000	25,40	19,84	26,50	5,56	72	92	2,00	2,00	0,660	68	13	1585	1020	6600	113060 / 113100	
60,000	101,600	25,40	19,84	26,50	5,56	72	92	2,00	2,00	0,660	68	13	1585	1020	6600	113060 / 113101X	
60,000	110,000	24,00	18,50	25,50	5,50	71	87	0,50	1,50	0,720	64	14	1320	960	6800	104060 / 104110	
60,000	110,000	30,16	23,81	33,00	6,35	75	98	2,50	2,50	1,090	78	11	1950	950	6200	120060 / 120110	
60,000	112,712	30,16	23,81	33,00	6,35	75	98	2,50	2,50	1,100	78	11	1950	950	6200	120060 / 120112X	
60,000	120,000	29,79	24,23	32,00	5,56	84	107	2,00	2,50	1,315	82	12	2175	1100	5700	130060 / 130120	
60,000	127,000	29,79	24,23	32,00	5,56	84	107	2,00	2,50	1,315	82	12	2175	1100	5700	130060 / 130127	
60,325	100,000	25,40	19,84	26,50	5,56	72	92	2,00	2,00	0,660	68	13	1585	1020	6600	113060X / 113100	
60,325	101,600	25,40	19,84	26,50	5,56	72	92	2,00	2,00	0,660	68	13	1585	1020	6600	113060X / 113101X	
63,500	110,000	30,16	23,81	33,00	6,35	75	98	2,50	2,50	1,000	78	11	1950	950	6200	120063X / 120110	
63,500	112,712	30,16	23,81	33,00	6,35	75	98	2,50	2,50	1,100	78	11	1950	950	6200	120063X / 120112X	
63,500	120,000	29,79	24,23	32,00	5,56	84	107	2,00	2,50	1,315	82	12	2175	1100	5700	130063X / 130120	
63,500	127,000	29,79	24,23	32,00	5,56	84	107	2,00	2,50	1,315	82	12	2175	1100	5700	130063X / 130127	
65,000	120,000	29,79	24,23	32,00	5,56	84	107	2,00	2,50	1,315	82	12	2175	1100	5700	130065 / 130120	
65,000	127,000	29,79	24,23	32,00	5,56	84	107	2,00	2,50	1,315	82	12	2175	1100	5700	130065 / 130127	
69,850	112,712	30,16	23,81	33,00	6,35	86	105	1,00	2,50	0,960	82	13	2030	1045	5800	124069X / 124112X	
69,850	120,000	29,79	24,23	32,00	5,56	84	107	2,00	2,50	1,190	82	12	2175	1100	5700	130069X / 130120	
69,850	120,000	38,10	30,16	42,00	7,94	84	110	3,17	3,57	1,670	108	16	2820	1405	5700	135069X / 135120	
69,850	127,000	29,79	24,23	32,00	5,56	84	107	2,00	2,50	1,315	82	12	2175	1100	5700	130069X / 130127	
70,000	110,000	25,00	19,00	25,00	6,00	82	102	1,00	2,00	0,720	60	10	1355	595	5800	32014	
70,000	112,712	30,16	23,81	33,00	6,35	86	105	1,00	2,50	0,960	82	13	2030	1045	5800	124070 / 124112X	
70,000	120,000	29,79	24,23	32,00	5,56	84	107	2,00	2,50	1,185	82	12	2175	1100	5700	130070 / 130120	
70,000	127,000	29,79	24,23	32,00	5,56	84	107	2,00	2,50	1,315	82	12	2175	1100	5700	130070 / 130127	
73,025	120,000	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123073X / 123120	
73,025	120,650	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123073X / 123120X	
73,025	121,444	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123073X / 123121X	
73,025	123,825	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123073X / 123123X	
75,000	120,000	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123075 / 123120	
75,000	120,650	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123075 / 123120X	
75,000	121,444	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123075 / 123121X	
75,000	123,825	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123075 / 123123X	
75,000	127,000	33,25	27,00	33,50	6,25	92	118	2,50	2,50	1,560	90	15	2365	1260	5300	133075 / 133127	
75,000	130,000	33,25	27,00	33,50	6,25	92	118	2,50	2,50	1,560	90	15	2365	1260	5300	133075 / 133130	
75,000	133,350	33,25	27,00	33,50	6,25	92	118	2,50	2,50	1,560	90	15	2365	1260	5300	133075 / 133133X	
75,000	136,525	33,25	27,00	33,50	6,25	92	118	2,50	2,50	1,560	90	15	2365	1260	5300	133075 / 133136X	
76,200	120,000	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123076X / 123120	
76,200	120,650	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123076X / 123120X	
76,200	121,444	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123076X / 123121X	

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- \*** - Basic Rating 10,000hrs@500rpm  
Belastung 10,000h@500U/min  
基本速率10000 hrs @500rpm

**Manufacturing Tolerances**  
Fertigungstoleranzen  
制造公差

	d ≤ 180mm	d > 180mm
Bore 孔 d	+0,005 0	+0,010 0
Diameter 直径 D	+0,005 0	+0,010 0
Width 宽度 T	±0,25	±0,25

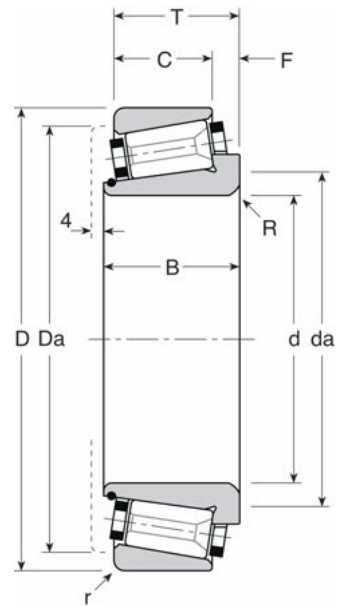
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											daN/μ		daN			Cone Innenring 内圈	Cup Ausseiring 外圈	
											Rad.	Axi.	Rad.	Axi.				
76,200	123,825	24,60	17,45	29,00	7,15	92	112	0,80	2,50	1,490	70	12	1785	980	5500	123076X	/	123123X
76,200	127,000	33,25	27,00	33,50	6,25	92	118	2,50	2,50	1,560	90	15	2365	1260	5300	133076X	/	133127
76,200	130,000	33,25	27,00	33,50	6,25	92	118	2,50	2,50	1,560	90	15	2365	1260	5300	133076X	/	133130
76,200	133,350	33,25	27,00	33,50	6,25	92	118	2,50	2,50	1,560	90	15	2365	1260	5300	133076X	/	133133X
76,200	136,525	33,25	27,00	33,50	6,25	92	118	2,50	2,50	1,560	90	15	2365	1260	5300	133076X	/	133136X
77,788	120,000	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123077X	/	123120
77,788	120,650	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123077X	/	123120X
77,788	121,444	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123077X	/	123121X
77,788	123,825	24,60	17,45	29,00	7,15	90	112	0,80	2,50	1,490	70	12	1785	980	5500	123077X	/	123123X
80,000	140,000	36,50	28,57	38,50	7,93	100	128	3,00	3,00	2,040	100	15	2925	1410	4900	140080	/	140140
80,962	133,350	30,16	22,22	34,00	7,94	102	124	0,80	2,50	1,850	99	19	2335	1425	4900	126080X	/	126133X
80,962	136,525	30,16	22,22	34,00	7,94	102	124	0,80	2,50	1,850	99	19	2335	1425	4900	126080X	/	126136X
82,550	133,350	30,16	22,22	34,00	7,94	102	124	0,80	2,50	1,850	99	19	2335	1425	4900	126082X	/	126133X
82,550	136,525	30,16	22,22	34,00	7,94	102	124	0,80	2,50	1,850	99	19	2335	1425	4900	126082X	/	126136X
82,550	140,000	36,50	28,57	38,50	7,93	100	128	3,00	3,00	1,940	100	15	2925	1410	4900	140082X	/	140140
84,138	133,350	30,16	22,22	34,00	7,94	102	124	0,80	2,50	1,850	99	19	2335	1425	4900	126084X	/	126133X
84,138	136,525	30,16	22,22	34,00	7,94	102	124	0,80	2,50	1,850	99	19	2335	1425	4900	126084X	/	126136X
85,000	130,000	29,00	22,00	29,00	7,00	100	125	1,50	2,50	1,500	63	11	1607	882	4400	32017		
85,000	130,000	36,00	29,50	36,00	6,50	98	120	1,50	2,50	1,500	65	11	1430	755	4400	33017		
85,000	140,000	36,50	28,57	38,50	7,93	100	128	3,00	3,00	1,840	100	15	2925	1410	4900	140085	/	140140
85,000	170,000	45,50	37,00	50,50	8,50	114	153	2,50	3,50	3,850	123	18	5460	2630	4200	210085	/	210170
85,725	133,350	30,16	22,22	34,00	7,94	102	124	0,80	2,50	1,850	99	19	2335	1425	4900	126085X	/	126133X
85,725	136,525	30,16	22,22	34,00	7,94	102	124	0,80	2,50	1,850	99	19	2335	1425	4900	126085X	/	126136X
88,900	133,350	30,16	22,22	34,00	7,94	102	124	0,80	2,50	1,850	99	19	2335	1425	4900	126088X	/	126133X
88,900	136,525	30,16	22,22	34,00	7,94	102	124	0,80	2,50	1,850	99	19	2335	1425	4900	126088X	/	126136X
90,000	133,350	30,16	22,22	34,00	7,94	105	124	0,80	2,50	1,760	102	19	2175	1315	4800	117090	/	117133X
90,000	140,000	32,00	24,00	32,00	8,00	107	134	1,50	2,50	1,750	82	12	2175	1100	4200	32018		
90,000	150,000	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131090	/	131150
90,000	152,400	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131090	/	131152X
90,000	152,400	38,10	30,00	42,00	8,10	114	137	3,00	2,50	2,300	115	17	3700	1785	4300	160090	/	160152X
90,000	158,750	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131090	/	131158X 0
90,000	158,750	38,10	30,00	42,00	8,10	114	137	3,00	2,50	2,300	115	17	3700	1785	4300	160090	/	160158X
90,000	160,000	38,10	30,00	42,00	8,10	114	137	3,00	2,50	2,300	115	17	3700	1785	4300	160090	/	160160
90,000	161,925	38,10	30,00	42,00	8,10	114	137	3,00	2,50	2,300	115	17	3700	1785	4300	160090	/	160161X
90,000	170,000	45,50	37,00	50,50	8,50	114	153	2,50	3,50	3,850	123	18	5460	2630	4200	210090	/	210170
92,075	150,000	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131092X	/	131150
92,075	152,400	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131092X	/	131152X
92,075	158,750	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131092X	/	131158X
93,663	150,000	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131093X	/	1311500
93,663	152,400	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,140	103	20	2600	1630	4400	131093X	/	131152X
93,663	158,750	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131093X	/	131158X
95,000	145,000	32,00	24,00	32,00	8,00	113	139	2,00	2,50	1,800	95	14	2538	1283	4000	32019		
95,000	150,000	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131095	/	131150
95,000	152,400	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131095	/	131152X
95,000	158,750	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131095	/	131158X
95,000	170,000	45,50	37,00	50,50	8,50	114	153	2,50	2,50	3,850	123	18	5460	2630	4200	210095	/	210170
97,000	150,000	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131097	/	131150
97,000	152,400	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,000	103	20	2600	1630	4400	131097	/	131152X
97,000	158,750	35,00	28,50	33,75	6,50	110	137	3,00	2,50	2,080	103	20	2600	1630	4400	131097	/	131158X
98,425	152,400	38,10	30,00	42,00	8,10	114	144	2,50	2,50	2,300	115	17	3700	1785	4300	160098X	/	160152X
98,425	158,750	38,10	30,00	42,00	8,10	114	137	3,00	2,50	2,300	115	17	3700	1785	4300	160098X	/	160158X

普通杯  
PLAIN CUP  
AUSSENRING OHNE BUND



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- da - Recommended shaft abutment diameter  
empfohlener Durchmesser des Wellen-Widerlagers  
推荐轴肩直径
- Da - Recommended housing abutment diameter  
empfohlener Durchmesser des Gehäuse-Widerlagers  
推荐外桥台直径
- ‡ - Static Stiffness  
Statische Steifigkeit  
静刚度
- \* - Basic Rating 10,000hrs@500rpm  
Belastung 10,000h@500U/min  
基本速率10000 hrs @500rpm

Manufacturing Tolerances  
Fertigungstoleranzen  
制造公差

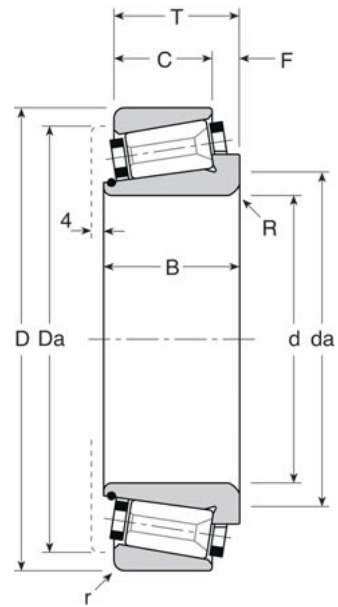
	d ≤ 180mm	d > 180mm
Bore 孔径 d	+0,005 0	+0,010 0
Diameter 直径 D	+0,005 0	+0,010 0
Width 宽度 T	±0,25	±0,25

d	D	T	C	B	F	da	Da	r	R	Weight Gew. 重量 kg	‡		*		Speed rpm Drehzahl U/min 转速 rpm max	Bearing Number Kurzzeichen 轴承编号	
											daN/μ		daN			Cone Innenring 内圈	Cup Ausseiring 外圈
											Rad.	Axi.	Rad.	Axi.			
98,425	160,000	38,10	30,00	42,00	8,10	114	137	3,00	2,50	2,300	115	17	3700	1785	4300	160098X / 160160	
98,425	161,925	38,10	30,00	42,00	8,10	114	137	3,00	2,50	2,300	115	17	3700	1785	4300	160098X / 160161X	
100,000	150,000	32,00	24,00	32,00	8,00	118	144	2,00	2,50	1,900	104	15	2780	1405	3800	32020	
100,000	170,000	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,900	127	19	4645	2240	3900	180100 / 180170	
100,000	180,000	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,505	127	19	4645	2240	3900	180100 / 180180	
100,000	180,975	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,900	127	19	4645	2240	3900	180100 / 180180X	
100,000	190,000	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,900	127	19	4645	2240	3900	180100 / 180190	
101,600	165,100	36,52	27,00	39,50	9,52	128	156	3,00	3,00	3,900	126	23	3345	1990	3900	141101X / 141165X	
101,600	170,000	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,900	127	19	4645	2240	3900	180101X / 180170	
101,600	180,000	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,900	127	19	4645	2240	3900	180101X / 180180	
101,600	180,975	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,550	127	19	4645	2240	3900	180101X / 180180X	
101,600	190,000	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,880	127	19	4645	2240	3900	180101X / 180190	
105,000	160,000	35,00	26,00	35,00	9,00	125	154	2,50	3,00	2,400	108	16	2900	1466	3600	32021	
105,000	170,000	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,900	127	19	4645	2240	3900	180105 / 180170	
105,000	180,000	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,900	127	19	4645	2240	3900	180105 / 180180	
105,000	180,975	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,320	127	19	4645	2240	3900	180105 / 180180X	
105,000	190,000	47,62	39,62	46,00	8,00	125	160	3,00	2,50	4,650	127	19	4645	2240	3900	180105 / 180190	
107,950	165,100	36,52	27,00	39,50	9,52	128	156	3,00	3,00	3,900	126	23	3345	1990	3900	141107X / 141165X	
110,000	170,000	38,00	29,00	38,00	9,00	132	163	2,50	3,00	3,000	126	23	3345	1990	3400	32022	
111,125	180,975	47,62	34,92	50,00	12,70	136	170	3,00	3,50	3,950	133	22	4810	2495	3600	181111X / 181180X	
111,125	190,000	47,62	34,92	50,00	12,70	136	172	3,00	3,50	4,630	133	22	4810	2495	3600	181111X / 181190	
111,125	190,500	47,62	34,92	50,00	12,70	136	172	3,00	3,50	4,670	133	22	4810	2495	3600	181111X / 181190X	
111,125	200,025	47,62	34,92	50,00	12,70	136	172	3,00	3,50	4,630	133	22	4810	2495	3600	181111X / 181200X	
115,000	165,000	28,00	23,00	31,00	5,00	136	154	2,00	2,50	1,580	139	22	2490	1205	3900	105115 / 105165	
115,000	180,975	47,62	34,92	50,00	12,70	136	170	3,00	3,50	3,700	133	22	4810	2495	3600	181115 / 181180X	
115,000	190,000	47,62	34,92	50,00	12,70	136	172	3,00	3,50	4,380	133	22	4810	2495	3600	181115 / 181190	
115,000	190,500	47,62	34,92	50,00	12,70	136	172	3,00	3,50	4,420	133	22	4810	2495	3600	181115 / 181190X	
115,000	200,025	47,62	34,92	50,00	12,70	136	172	3,00	3,50	4,630	133	22	4810	2495	3600	181115 / 181200X	
118,000	180,975	47,62	34,92	50,00	12,70	136	170	3,00	3,50	3,490	133	22	4810	2495	3600	181118 / 181180X	
118,000	190,000	47,62	34,92	50,00	12,70	136	172	3,00	3,50	4,080	133	22	4810	2495	3600	181118 / 181190	
118,000	190,500	47,62	34,92	50,00	12,70	136	172	3,00	3,50	4,120	133	22	4810	2495	3600	181118 / 181190X	
118,000	200,025	47,62	34,92	50,00	12,70	136	172	3,00	3,50	4,630	133	22	4810	2495	3600	181118 / 181200X	
120,000	165,000	28,00	23,00	31,00	5,00	136	154	2,00	2,50	1,580	139	22	2490	1205	3900	105120 / 105165	
120,000	180,000	38,00	29,00	38,00	9,00	141	173	2,50	3,00	3,250	143	27	4267	2625	3200	32024	
120,000	190,000	47,62	34,92	50,00	12,70	142	178	3,00	3,50	4,050	140	23	4955	2695	3500	184120 / 184190	
120,000	190,500	47,62	34,92	50,00	12,70	142	178	3,00	3,50	4,050	140	23	4955	2695	3500	184120 / 184190X	
120,000	199,000	47,62	34,92	50,00	12,70	142	178	3,00	3,50	4,050	140	23	4955	2695	3500	184120 / 184199	
120,000	200,000	47,62	34,92	50,00	12,70	142	178	3,00	3,50	4,050	140	23	4955	2695	3500	184120 / 184200	
127,000	196,850	37,93	30,00	42,00	7,93	152	180	1,00	3,00	3,700	149	28	4445	2735	3400	164127X / 164196X	
127,000	200,025	37,93	30,00	42,00	7,93	152	180	1,00	3,00	3,700	149	28	4445	2735	3400	164127X / 164200X	
127,000	215,000	47,62	38,62	51,00	9,00	155	195	3,00	2,50	6,400	152	23	6125	2965	3100	200127X / 200215	
127,000	215,900	47,62	38,62	51,00	9,00	155	195	3,00	2,50	6,400	152	23	6125	2965	3100	200127X / 200215X	
130,000	180,000	32,00	25,00	32,00	7,00	147	170	2,50	3,00	2,100	132	25	3720	1915	3000	32926	
133,350	196,850	37,93	30,00	42,00	7,93	152	180	1,00	3,00	3,700	149	28	4445	2735	3400	164133X / 164196X	
133,350	200,025	37,93	30,00	42,00	7,93	152	180	1,00	3,00	3,700	149	28	4445	2735	3400	164133X / 164200X	
133,350	215,000	47,62	38,62	51,00	9,00	155	195	3,00	2,50	6,400	152	23	6125	2965	3100	200133X / 200215	
133,350	215,900	47,62	38,62	51,00	9,00	155	195	3,00	2,50	5,875	152	23	6125	2965	3100	200133X / 200215X	
136,525	215,000	47,62	38,62	51,00	9,00	155	195	3,00	2,50	6,400	152	23	6125	2965	3100	200136X / 200215	
136,525	215,900	47,62	38,62	51,00	9,00	155	195	3,00	2,50	5,615	152	23	6125	2965	3100	200136X / 200215X	
139,700	215,000	47,62	38,62	51,00	9,00	155	195	3,00	2,50	6,400	152	23	6125	2965	3100	200139X / 200215	
139,700	215,900	47,62	38,62	51,00	9,00	155	195	3,00	2,50	6,400	152	23	6125	2965	3100	200139X / 200215X	

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- da** - Recommended shaft abutment diameter  
empfohlener Durchmesser des Wellen-Widerlagers  
推荐轴肩直径
- Da** - Recommended housing abutment diameter  
empfohlener Durchmesser des Gehäuse-Widerlagers  
推荐外桥台直径
- ‡** - Static Stiffness  
Statische Steifigkeit  
静刚度
- \*** - Basic Rating 10,000hrs@500rpm  
Belastung 10,000h@500U/min  
基本速率10000 hrs @500rpm

Manufacturing Tolerances  
Fertigungstoleranzen  
制造公差

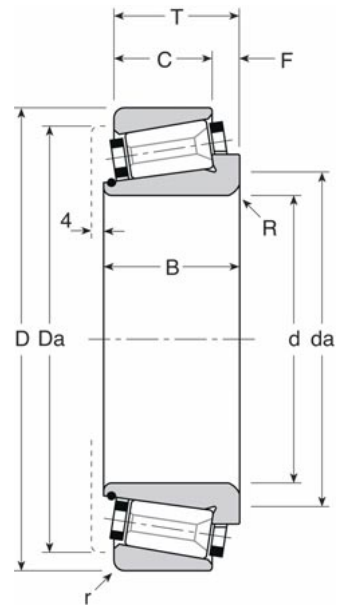
	d ≤ 180mm	d > 180mm
Bore 孔 d	+0,005 0	+0,010 0
Diameter 直径 D	+0,005 0	+0,010 0
Width 宽度 T	±0,25	±0,25

d	D	T	C	B	F	da	Da	r	R	Weight Gew. 重量 kg	‡		*		Speed rpm Drehzahl U/min 转速 rpm max	Bearing Number Kurzzeichen 轴承编号	
											daN/μ		daN			Cone Innenring 内圈	Cup Ausseiring 外圈
											Rad.	Axi.	Rad.	Axi.			
139,700	241,300	57,15	46,15	59,00	11,00	170	217	3,00	2,50	9,740	171	26	8385	4060	2900	240139X / 240241X	
140,000	200,000	38,15	31,00	42,00	7,15	158	190	1,00	3,00	3,330	155	31	4565	2940	3100	161140 / 161200	
140,000	200,025	38,15	31,00	42,00	7,15	158	190	1,00	3,00	3,330	155	31	4565	2940	3100	161140 / 161200X	
140,000	210,000	45,00	34,00	45,00	11,00	165	198	2,50	3,00	4,70	160	31	6155	4460	2600	32028	
142,875	200,000	38,15	31,00	42,00	7,15	158	190	1,00	3,00	3,330	155	31	4565	2940	3100	161142X / 161200	
142,875	200,025	38,15	31,00	42,00	7,15	158	190	1,00	3,00	3,330	155	31	4565	2940	3100	161142X / 161200X	
145,000	241,300	57,15	46,15	59,00	11,00	170	217	3,00	2,50	9,200	171	26	8385	4060	2900	240145 / 240241X	
145,000	256,000	47,62	38,62	51,00	9,00	182	220	3,00	3,00	6,820	173	30	6725	3605	2700	203145 / 203235	
149,225	241,300	57,15	46,15	59,00	11,00	170	217	3,00	2,50	9,740	171	26	8385	4060	2900	240149X / 240241X	
150,000	210,000	38,00	30,00	42,00	8,00	170	200	1,00	3,00	3,400	160	34	4710	3185	3000	163150 / 163210	
150,000	225,000	46,82	34,92	49,00	11,90	174	208	1,50	3,50	5,500	165	32	5605	3575	3000	183150 / 183225	
152,400	222,250	46,82	34,92	49,00	11,90	174	208	1,50	3,50	5,100	165	32	5605	3575	3000	183152X / 183222X	
152,400	254,000	66,67	47,62	74,00	19,05	182	234	3,00	7,00	11,765	191	28	10920	5280	2600	281152X / 281254X	
152,400	266,700	66,67	47,62	74,00	19,05	182	234	3,00	7,00	11,765	191	28	10920	5280	2600	281152X / 281266X	
155,575	254,000	66,67	47,62	74,00	19,05	182	234	3,00	7,00	11,765	191	28	10920	5280	2600	281155X / 281254X	
155,575	266,700	66,67	47,62	74,00	19,05	182	234	3,00	7,00	11,765	191	28	10920	5280	2600	281155X / 281266X	
156,000	235,000	47,62	38,62	51,00	9,00	182	220	3,00	3,00	6,820	173	30	6725	3605	2700	203156 / 203235	
160,000	240,000	51,00	38,00	51,00	13,00	182	220	3,00	3,00	6,800	173	30	6725	3605	2700	203160S / 203240S	
165,100	254,000	46,03	36,51	50,00	9,52	200	238	1,50	3,00	7,100	191	43	6155	4460	2600	186165X / 186254X	
170,000	254,000	46,03	36,51	50,00	9,52	200	238	1,50	3,00	7,100	191	43	6155	4460	2600	186170 / 186254X	
177,800	227,013	30,16	24,40	35,00	5,76	192	214	1,50	1,50	2,640	180	30	3450	1770	2700	115177X / 115227X	
177,800	254,000	46,03	36,51	50,00	9,52	200	238	1,50	3,00	7,100	191	43	6155	4460	2600	186177X / 186254X	
177,800	288,925	63,50	47,62	71,00	15,88	210	264	3,00	7,00	14,600	220	36	12105	6580	2300	280177X / 280288X	
185,000	258,000	46,00	36,00	50,00	10,00	210	240	1,50	3,00	5,300	197	47	6300	4760	2500	187185 / 187258	
190,000	266,700	47,62	38,10	52,00	9,52	215	248	1,00	3,00	7,000	201	40	7440	4695	2400	204190 / 204266X	
190,500	266,700	47,62	38,10	52,00	9,52	215	248	1,00	3,00	7,000	201	40	7440	4695	2400	204190X / 204266X	
190,500	282,575	50,80	36,51	54,00	14,29	217	260	3,00	2,50	9,000	168	31	8000	4645	2300	242190X / 242282X	
190,500	290,000	47,00	38,00	52,00	9,00	238	271	2,00	3,50	8,000	214	47	7795	5360	2200	206190X / 206290	
203,200	310,000	63,50	46,03	72,00	17,46	240	290	3,00	4,40	15,500	240	44	12875	7715	2100	283203X / 283310	
203,200	317,500	63,50	46,03	72,00	17,46	240	290	3,00	4,40	16,840	240	44	12875	7715	2100	283203X / 283317X	
210,000	290,000	47,00	38,00	52,00	9,00	238	271	2,00	3,50	8,000	214	47	7795	5360	2200	206210 / 206290	
210,000	310,000	63,50	46,03	72,00	17,46	240	290	3,00	4,40	14,200	240	44	12875	7715	2100	283210 / 283310	
210,000	317,500	63,50	46,03	72,00	17,46	240	290	3,00	4,40	15,540	240	44	12875	7715	2100	283210 / 283317X	
215,900	355,600	68,26	47,62	77,00	20,64	270	325	3,00	7,00	22,400	268	56	13910	9295	1900	284215X / 284355X	
228,600	327,025	52,40	36,52	55,00	15,88	265	306	3,00	6,00	13,500	208	44	9115	6460	1900	244228X / 244327X	
228,600	330,000	52,40	36,52	55,00	15,88	265	306	3,00	6,00	14,500	208	44	9115	6460	1900	244228X / 244330	
228,600	355,600	68,26	47,62	77,00	20,64	270	325	3,00	7,00	22,400	268	56	13910	9295	1900	284228X / 284355X	
230,000	327,025	52,40	36,52	55,00	15,88	265	306	3,00	6,00	11,650	208	44	9115	6460	1900	244230 / 244327X	
230,000	330,000	52,40	36,52	55,00	15,88	265	306	3,00	6,00	12,500	208	44	9115	6460	1900	244230 / 244330	
234,950	327,025	52,40	36,52	55,00	15,88	265	306	3,00	6,00	10,800	208	44	9115	6460	1900	244234X / 244327X	
234,950	330,000	52,40	36,52	55,00	15,88	265	306	3,00	6,00	11,950	208	44	9115	6460	1900	244234X / 244330	
234,950	355,600	68,26	47,62	77,00	20,64	270	325	3,00	7,00	21,160	268	56	13910	9295	1900	284234X / 284355X	
254,000	400,050	57,15	41,27	66,00	15,88	300	375	3,00	3,00	24,100	179	28	14105	7230	1700	382254X / 382400X	
275,000	406,400	78,00	60,00	81,00	18,00	324	382	3,00	6,00	31,710	340	56	19660	10400	1600	320275 / 320406X	
280,194	406,400	78,00	60,00	81,00	18,00	324	382	3,00	6,00	30,330	340	56	19660	10400	1600	320280X / 320406X	
292,100	393,700	63,50	44,45	50,80	19,05	330	370	3,00	6,00	16,000	188	37	10570	6225	1450	211292X / 211393X	
304,800	406,400	63,50	47,62	63,50	15,88	338	380	3,00	6,00	26,000	208	44	17832	9557	1400	243304X / 243406X	
320,000	440,000	76,00	57,00	76,00	19,00	358	412	3,00	6,00	34,000	485	61	29540	13640	1300	309320 / 309440	
330,200	482,600	85,72	65,08	94,00	20,64	370	445	3,00	6,00	49,500	396	78	27265	17140	1400	380330X / 380482X	
338,138	419,100	36,50	29,00	41,00	7,50	362	387	1,50	3,00	14,200	267	55	6140	3815	1500	152338X / 152419X	
355,600	444,500	60,32	47,62	60,32	12,70	386	422	3,00	7,00	20,000	290	45	15924	8935	1200	202355X / 202444X	

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普通杯  
PLAIN CUP  
AUSSENRING OHNE BUND

# PLAIN CUP

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- da - Recommended shaft abutment diameter  
empfohlener Durchmesser des Wellen-Widerlagers  
推荐轴肩直径
- Da - Recommended housing abutment diameter  
empfohlener Durchmesser des Gehäuse-Widerlagers  
推荐外桥台直径
- ‡ - Static Stiffness  
Statische Steifigkeit  
静刚度
- \* - Basic Rating 10,000hrs@500rpm  
Belastung 10,000h@500U/min  
基本速率10000 hrs @500rpm

**Manufacturing Tolerances**  
 Fertigungstoleranzen  
 制造公差

	d ≤ 180mm	d > 180mm
Bore 孔 d	+0,005 0	+0,010 0
Diameter 直径 D	+0,005 0	+0,010 0
Width 宽度 T	±0,25	±0,25

d	D	T	C	B	F	da	Da	r	R	Weight Gew. 重量 kg	‡		*		Speed rpm Drehzahl U/min 转速 rpm max	Bearing Number Kurzzeichen 轴承编号	
											daN/μ		daN			Cone Innenring 内圈	Cup Ausseiring 外圈
											Rad.	Axi.	Rad.	Axi.			
355,600	482,600	60,32	38,10	66,00	22,23	395	450	7,00	7,00	25,500	285	86	13925	13240	1400	282355X / 282482X	
371,475	508,000	80,00	60,00	86,00	20,00	424	474	3,00	7,00	43,800	417	71	21150	11340	1300	303371X / 303508X	
381,000	479,425	49,212	34,925	47,625	14,28	416	455	3,00	7,00	25,000	195	40	10697	7873	1150	212381X / 212479X	
381,000	508,000	80,00	60,00	86,00	20,00	424	474	3,00	7,00	36,800	417	71	21150	11340	1300	303381X / 303508X	
381,000	522,288	85,73	65,73	85,00	20,00	424	474	3,00	7,00	42,200	417	71	21150	11340	1300	303381XS / 303522XS1	
387,248	546,100	87,312	68,26	87,312	19,05	456	515	3,00	7,00	62,200	441	100	23545	16950	1200	323387X / 323546XS	
396,875	549,275	85,00	61,18	90,00	23,82	456	515	3,00	7,00	54,600	441	100	23545	16950	1200	323396XS / 323549X	
406,400	508,000	61,912	47,625	61,912	14,28	443	480	3,00	7,00	27,000	345	52	18180	11920	1100	235406X / 235508X	
406,400	549,275	85,725	61,90	90,00	23,82	456	515	3,00	7,00	50,000	441	100	23545	16950	1200	323406XS / 323549XS1	
406,400	549,275	85,00	61,18	90,00	23,82	456	515	3,00	7,00	46,500	441	100	23545	16950	1200	323406XS / 323549X	
409,575	546,100	87,312	68,26	87,312	19,05	456	515	3,00	7,00	49,000	441	100	23545	16950	1200	323409X / 323546XS	
431,800	533,400	50,80	39,69	54,00	11,11	465	518	3,00	5,00	20,000	321	71	12170	8365	1200	232431X / 232533X	
431,800	571,500	74,61	52,38	74,61	22,22	476	545	3,00	5,00	28,50	225	66	8520	5856	1200	306431X / 306571X	
457,200	596,900	80,00	60,00	86,00	20,00	505	565	3,00	7,00	45,000	491	99	23805	14950	1100	300457X / 300596	
457,200	603,250	85,72	60,32	84,13	25,40	505	572	3,00	7,00	47,50	440	89	21325	13392	1100	305457X / 305603X	
506,000	636,000	80,00	60,00	86,00	20,00	555	603	3,00	7,00	55,000	522	115	24760	17060	1000	307506 / 307636	

普通杯  
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