



Description

Material:

- cage: brass;
- balls: ball bearing steel, hardened, 100Cr 6 (1.2067); DIN 5401 and ISO 3290 Grade 5 type P0 respectively.

Characteristics:

- brass ball cage with steel balls and circlip for stroke limitation;
- combines smooth running with a long service life;
- high load capacity due to the large number of balls;
- the ball chambers are closed so that the balls can not come loose, but are held in a flexible manner;
- brass offers high mechanical strength, the best sliding properties, high wear resistance and temperature resistance;
- for instructions on installation and maintenance, we refer to the appendix;
- process temperature of the brass cage up to a maximum of 150°C;
- F (N) in the table indicates the bearing capacity with an even radial load; a load-bearing capacity calculation must be made in the event of momentary action;
- x in the table represents the number of balls.

Special requests:

The ball cages can be supplied with stainless steel or ceramic balls. Other dimensions, designs or materials can be supplied according to the drawing.

Article Code	D	D1	D2	L	L1	x	F(N)	Material
DD17.1201.0400	12	16	2,0	40	2,5	132	670	Brass
DD17.1201.0560	12	16	2,0	56	2,5	192	970	Brass
DD17.1201.0360	12	17	2,5	36	2,5	80	580	Brass
DD17.1201.0480	12	17	2,5	48	2,5	110	790	Brass
DD17.1201.0600	12	17	2,5	60	2,5	140	1010	Brass
DD17.1601.0340	16	22	3,0	34	2,8	70	750	Brass
DD17.1601.0480	16	22	3,0	48	2,8	110	1180	Brass
DD17.1601.0630	16	22	3,0	63	2,8	150	1610	Brass
DD17.1801.0480	18	24	3,0	48	2,8	120	1290	Brass
DD17.1801.0560	18	24	3,0	56	2,8	144	1550	Brass
DD17.1801.0600	18	24	3,0	60	2,8	156	1680	Brass
DD17.1801.0710	18	24	3,0	71	2,8	192	2070	Brass
DD17.1801.0760	18	24	3,0	76	2,8	204	2200	Brass
DD17.2001.0480	20	26	3,0	48	2,8	120	1390	Brass
DD17.2001.0560	20	26	3,0	56	2,8	144	1670	Brass
DD17.2001.0710	20	26	3,0	71	2,8	192	2220	Brass
DD17.2001.0760	20	26	3,0	76	2,8	204	2360	Brass
DD17.2401.0520	24	30	3,0	52	2,8	198	2360	Brass
DD17.2401.0700	24	30	3,0	70	2,8	270	3210	Brass
DD17.2401.0840	24	30	3,0	84	2,8	342	4070	Brass
DD17.2501.0520	25	31	3,0	52	2,8	198	2360	Brass
DD17.2501.0700	25	31	3,0	70	2,8	270	3210	Brass

Article Code	D	D1	D2	L	L1	x	F(N)	Material
DD17.2501.0840	25	31	3,0	84	2,8	342	4070	Brass
DD17.3001.0560	30	38	4,0	56	4,8	162	3040	Brass
DD17.3001.0700	30	38	4,0	70	4,8	216	4050	Brass
DD17.3001.0750	30	38	4,0	75	4,8	234	4390	Brass
DD17.3001.0900	30	38	4,0	90	4,8	288	5400	Brass
DD17.3001.0950	30	38	4,0	95	4,8	306	5740	Brass
DD17.3001.1100	30	38	4,0	110	4,8	360	6750	Brass
DD17.3201.0560	32	40	4,0	56	4,8	162	3040	Brass
DD17.3201.0750	32	40	4,0	75	4,8	234	4390	Brass
DD17.3201.0950	32	40	4,0	95	4,8	306	5740	Brass
DD17.3201.1100	32	40	4,0	110	4,8	360	6750	Brass