



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:

- because the balls are arranged in a spiral form, the cages are extremely suitable for linear and rotating movements;
- universal use;
- combines smooth running with a long service life;
- the ball chambers are closed so that the balls can not come loose, but are held in a flexible manner;
- the balls are optimally positioned, so that each ball runs in its own path with linear and rotating movements;
- positioning of the ball guarantees a smooth running and considerably extends the service life of the ball guide;
- brass offers high mechanical strength, the best sliding properties, high wear resistance and temperature resistance;
- 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;
- for instructions on installation and maintenance, we refer to the appendix.

Special requests:

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

Plastic ball cages: may be available upon request.

Article Code	D	D1	D2	L	x	F(N)	Material
DD15.0401.0120	4	7	1,5	12	18	30	Brass
DD15.0401.0200	4	7	1,5	20	34	50	Brass
DD15.0401.0300	4	7	1,5	30	54	75	Brass
DD15.0601.0160	6	10	2,0	16	26	72	Brass
DD15.0601.0250	6	10	2,0	25	42	110	Brass
DD15.0601.0400	6	10	2,0	40	72	180	Brass
DD15.0801.0200	8	13	2,5	20	30	150	Brass
DD15.0801.0250	8	13	2,5	25	36	190	Brass
DD15.0801.0300	8	13	2,5	30	46	225	Brass
DD15.0801.0400	8	13	2,5	40	64	300	Brass
DD15.1001.0200	10	15	2,5	20	30	220	Brass
DD15.1001.0280	10	15	2,5	28	46	310	Brass
DD15.1001.0400	10	15	2,5	40	70	440	Brass
DD15.1001.0500	10	15	2,5	50	90	550	Brass
DD15.1201.0200	12	17	2,5	20	34	260	Brass
DD15.1201.0280	12	17	2,5	28	50	365	Brass
DD15.1201.0400	12	17	2,5	40	78	520	Brass
DD15.1201.0500	12	17	2,5	50	100	650	Brass

Article Code	D	D1	D2	L	x	F(N)	Material
DD15.1401.0340	14	20	3,0	34	60	580	Brass
DD15.1401.0480	14	20	3,0	48	90	910	Brass
DD15.1501.0340	15	21	3,0	34	60	645	Brass
DD15.1501.0480	15	21	3,0	48	90	910	Brass
DD15.1601.0250	16	22	3,0	25	40	525	Brass
DD15.1601.0340	16	22	3,0	34	60	715	Brass
DD15.1601.0480	16	22	3,0	48	90	1025	Brass
DD15.1601.0630	16	22	3,0	63	124	1325	Brass
DD15.1801.0400	18	24	3,0	40	88	1000	Brass
DD15.1801.0560	18	24	3,0	56	130	1400	Brass
DD15.1801.0680	18	24	3,0	68	162	1700	Brass
DD15.1901.0400	19	25	3,0	40	88	1080	Brass
DD15.1901.0560	19	25	3,0	56	130	1510	Brass
DD15.1901.0680	19	25	3,0	68	162	1840	Brass
DD15.2001.0280	20	26	3,0	28	56	870	Brass
DD15.2001.0400	20	26	3,0	40	88	1160	Brass
DD15.2001.0480	20	26	3,0	48	108	1390	Brass
DD15.2001.0560	20	26	3,0	56	130	1620	Brass
DD15.2001.0680	20	26	3,0	68	162	1970	Brass
DD15.2001.0800	20	26	3,0	80	194	2320	Brass
DD15.2401.0510	24	30	3,0	51	146	1730	Brass
DD15.2401.0680	24	30	3,0	68	202	2310	Brass
DD15.2401.0800	24	30	3,0	80	242	2720	Brass
DD15.2501.0400	25	31	3,0	40	108	1440	Brass
DD15.2501.0510	25	31	3,0	51	146	1840	Brass
DD15.2501.0580	25	31	3,0	58	168	2100	Brass
DD15.2501.0680	25	31	3,0	68	202	2450	Brass
DD15.2501.0800	25	31	3,0	80	242	2880	Brass
DD15.2501.1000	25	31	3,0	100	308	3600	Brass
DD15.3001.0540	30	38	4,0	54	138	2800	Brass
DD15.3001.0780	30	38	4,0	78	212	4050	Brass
DD15.3001.0930	30	38	4,0	93	258	4850	Brass
DD15.3201.0540	32	40	4,0	54	138	3030	Brass
DD15.3201.0680	32	40	4,0	68	180	3800	Brass
DD15.3201.0780	32	40	4,0	78	212	4350	Brass
DD15.3201.0930	32	40	4,0	93	258	5200	Brass
DD15.3201.1100	32	40	4,0	110	310	6150	Brass
DD15.4001.0620	40	48	4,0	62	176	4030	Brass
DD15.4001.0680	40	48	4,0	68	196	4420	Brass
DD15.4001.0870	40	48	4,0	87	258	5650	Brass
DD15.4001.1020	40	48	4,0	102	308	6650	Brass
DD15.4001.1100	40	48	4,0	110	336	7150	Brass
DD15.4001.1250	40	48	4,0	125	386	8130	Brass
DD15.4001.1500	40	48	4,0	150	468	9750	Brass
DD15.4201.0620	42	50	4,0	62	176	4030	Brass
DD15.4201.0680	42	50	4,0	68	196	4420	Brass
DD15.4201.0870	42	50	4,0	87	258	5650	Brass
DD15.4201.1020	42	50	4,0	102	308	6650	Brass
DD15.4201.1100	42	50	4,0	110	336	7150	Brass
DD15.5001.0770	50	60	5,0	77	218	6150	Brass
DD15.5001.0900	50	60	5,0	90	262	7200	Brass
DD15.5001.1100	50	60	5,0	110	328	8800	Brass
DD15.5001.1400	50	60	5,0	140	428	11200	Brass
DD15.5001.1800	50	60	5,0	180	562	14400	Brass
DD15.5201.0770	52	62	5,0	77	218	6150	Brass
DD15.5201.0900	52	62	5,0	90	262	7200	Brass
DD15.5201.1100	52	62	5,0	110	328	8800	Brass
DD15.5201.1400	52	62	5,0	140	428	11200	Brass

Article Code	D	D1	D2	L	x	F(N)	Material
DD15.6301.0880	63	73	5,0	88	256	8800	Brass
DD15.6301.1080	63	73	5,0	108	322	10800	Brass
DD15.6301.1400	63	73	5,0	140	428	14000	Brass
DD15.6301.1850	63	73	5,0	185	578	18500	Brass
DD15.6301.2200	63	73	5,0	220	696	22000	Brass
DD15.8001.0950	80	92	6,0	95	268	13300	Brass
DD15.8001.1100	80	92	6,0	110	318	15400	Brass
DD15.8001.1350	80	92	6,0	135	402	18900	Brass
DD15.8001.1600	80	92	6,0	160	486	22400	Brass
DD15.8001.2150	80	92	6,0	215	668	30100	Brass
DD15.9901.1100	100	112	6,0	110	382	22000	Brass
DD15.9901.1650	100	112	6,0	165	602	33000	Brass
DD15.9901.1800	100	112	6,0	180	662	36000	Brass
DD15.9901.2450	100	112	6,0	245	922	49000	Brass