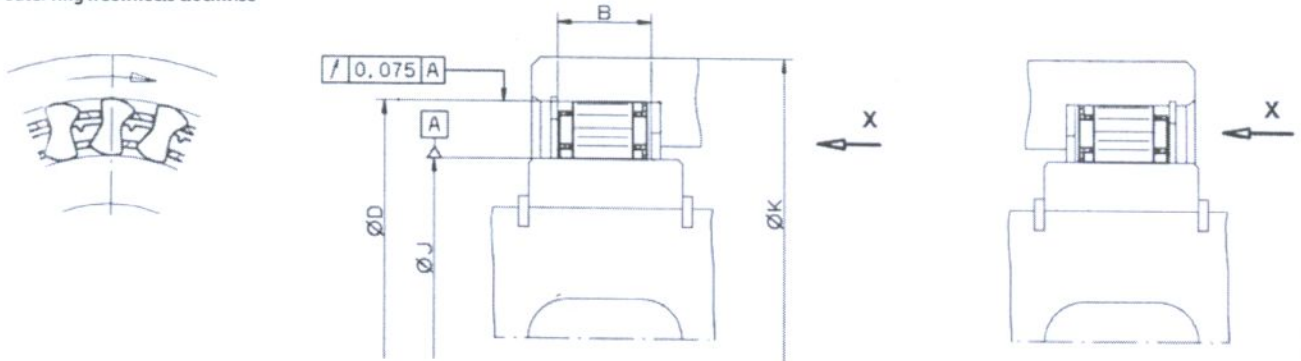


Cage Freewheels BWX

RINGSPANN®

for assembly with inner and outer ring with sprags

When viewing in direction X
the outer ring freewheels clockwise



99-1

99-2

99-3

Indexing Freewheel Overrunning Clutch Backstop	Standard type For universal use	Dimensions									

Freewheel Size	Type	Nominal torque M_N Nm	J +0,008 -0,005 mm	D $\pm 0,013$ mm	B min. mm	K mm	Sprags	Drag strips	Brake clips	Design as ill.	Weight kg
							Quantity	Quantity	Quantity		
BWX 133590A	Disengaging	63	22,225	38,887	10,0	44,0	12			99-2	0,03
BWX 13143A	Engaging	120	27,767	44,425	13,5	51,0	14			99-2	0,06
BWX 133392	Disengaging	280	38,092	54,750	16,0	71,0	18			99-3	0,09
BWX 1310145	Disengaging	180	41,275	57,937	13,5	74,2	14		3	99-2	0,07
BWX 132909A	Disengaging	360	44,450	61,112	16,0	78,5	20	2	3	99-2	0,10
BWX 133339	Disengaging	310	49,721	66,383	13,5	85,0	22	2	4	99-2	0,09
BWX 1310003	Disengaging	310	49,721	66,383	13,5	85,0	22		4	99-2	0,09
BWX 137222	Engaging	570	49,721	66,383	19,0	85,0	22			99-2	0,12
BWX 1310445	Disengaging	400	54,765	71,427	13,5	91,7	24			99-2	0,09
BWX 1310172	Engaging	540	54,765	71,427	16,0	91,7	24			99-2	0,12
BWX 1310226	Disengaging	520	54,765	71,427	16,0	91,7	24	2	4	99-2	0,12
BWX 136709	Engaging	770	54,765	71,427	21,0	91,7	24	3	10	99-2	0,16
BWX 1310147	Disengaging	1000	54,765	71,427	25,4	91,7	24	3	8	99-2	0,20
BWX 136324	Engaging	600	57,760	74,427	19,0	95,0	26			99-3	0,14
BWX 1310080	Disengaging	670	72,217	88,882	13,5	115,0	30		4	99-2	0,12
BWX 13168	Engaging	1300	72,217	88,882	21,0	115,0	30			99-3	0,20
BWX 134012	Engaging	1300	72,217	88,882	21,0	115,0	30	4	10	99-3	0,20
BWX 137322	Disengaging	2000	79,698 ²	96,363	25,4	124,0	34	5	12	99-2	0,28
BWX 138316	Disengaging	2960	83,597 ²	102,596	25,4	131,6	34	5	12	99-2	0,30
BWX 13261A ¹	Disengaging	1600	103,231 ²	119,893	16,0	154,0	40	6	10	99-3	0,19
BWX 13236	Disengaging	1700	117,391 ²	136,391	16,0	175,3	30	5	6	99-3	0,25
BWX 133403B	Engaging	4900	123,881 ²	142,880	25,4	188,0	44		11	99-2	0,46

¹ With this Freewheel Size the centering flange of the inner cage is on the right hand side!

² Tolerance of the inner ring race diameter may be increased by $\pm 0,013$ mm!

The theoretical nominal torque applies only for ideal concentricity between the inner and outer ring.

The maximum transmissible torque is 2 times the specified nominal torque. See page 14 for determination of selection torque.

Example for ordering

Freewheel size BWX 13143A, standard type:

- BWX 13143A