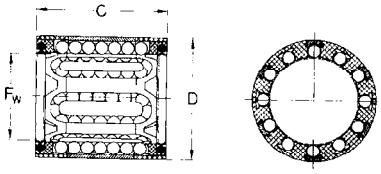
LBBR linear ball bearings

with raceway plates

F_w 3-50 mm

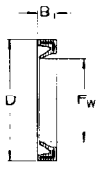


Linear ball bearing LBBR
with double lip seal

Dimensiones			No. of ball rows	Basic load ratings		Mass	Designations			
							Linear ball bearings		stainless steel	
				dyn.	stat.		standard design	with 2 double lip seals	standard design	with 2 double lip seals
F_w	D	C		C	C_0					
mm			—	N		kg				
3	7	10	4	60	44	0,0007	**LBBR 3**	**LBBR 3-2LS**	**LBBR 3/HV6**	**LBBR 3-2LS/HV6**
4	8	12	4	75	60	0,001	**LBBR 4**	**LBBR 4-2LS**	**LBBR 4/HV6**	**LBBR 4-2LS/HV6**
5	10	15	4	170	129	0,002	**LBBR 5**	**LBBR 5-2LS**	**LBBR 5/HV6**	**LBBR 5-2LS/HV6**
6	12	22[1]	4	335	270	0,006	**LBBR 6A**	**LBBR 6A-2LS**	**LBBR 6A/HV6**	**LBBR 6A-2LS/HV6**
8	15	24	4	490	355	0,007	**LBBR 8**	**LBBR 8-2LS**	**LBBR 8/HV6**	**LBBR 8-2LS/HV6**
10	17	26	5	585	415	0,011	**LBBR 10**	**LBBR 10-2LS**	**LBBR 10/HV6**	**LBBR 10-2LS/HV6**
12	19	28	5	695	510	0,012	**LBBR 12**	**LBBR 12-2LS**	**LBBR 12/HV6**	**LBBR 12-2LS/HV6**
14	21	28	5	710	530	0,013	**LBBR 14**	**LBBR 14-2LS**	**LBBR 14/HV6**	**LBBR 14-2LS/HV6**
16	24	30	5	930	630	0,018	**LBBR 16**	**LBBR 16-2LS**	**LBBR 16/HV6**	**LBBR 16-2LS/HV6**
20	28	30	6	1 160	800	0,021	**LBBR 20**	**LBBR 20-2LS**	**LBBR 20/HV6**	**LBBR 20-2LS/HV6**
25	35	40	7	2 120	1 560	0,047	**LBBR 25**	**LBBR 25-2LS**	**LBBR 25/HV6**	**LBBR 25-2LS/HV6**
30	40	50	8	3 150	2 700	0,07	**LBBR 30**	**LBBR 30-2LS**	**LBBR 30/HV6**	**LBBR 30-2LS/HV6**
40	52	60	8	5 500	4 500	0,130	**LBBR 40**	**LBBR 40-2LS**	**LBBR 40/HV6**	**LBBR 40-2LS/HV6**
50	62	70	9	6 950	6 300	0,18	**LBBR 50**	**LBBR 50-2LS**	**LBBR 50/HV6**	**LBBR 50-2LS/HV6**

The static load capacity has to be decreased by 8% and the dynamic load capacity by 18% when using the nonrusting types (HV6) in conjunction with precision steel shafts made of stainless steel.

[1] Width 22 does not correspond to series 1 in ISO standard 10285.



Appropriate special seals			
Dimensions			Designations
F_w	D	B_1	
mm			—
6	12	2	G 6x12x2
8	15	3	G 8x15x3
10	17	3	G 10x17x3
12	19	3	G 12x19x3
14	21	3	G 14x21x3
16	24	3	G 16x24x3
20	28	4	G 20x28x4

Appropriate special seals			
Dimensions			Designations
F_w	D	B_1	
mm			—
25	35	4	G 25x35x4
30	40	4	G 30x40x4
40	52	5	G 40x52x5
50	62	5	G 50x62x5