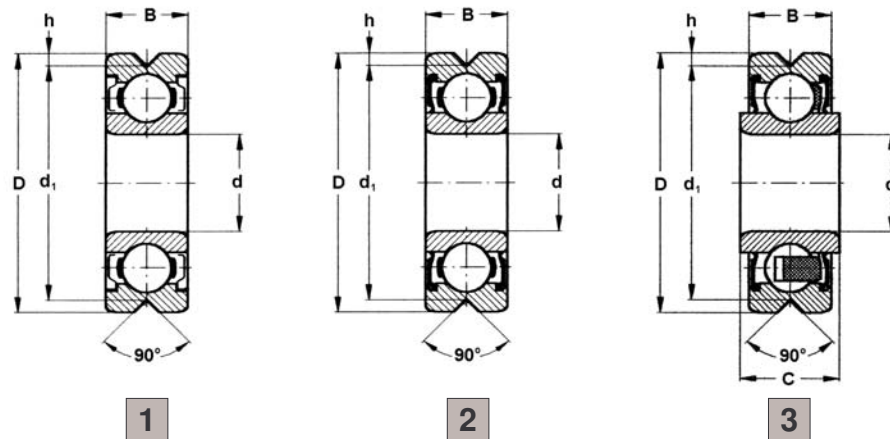


Special bearings manufactured on order



Special Single Row Ball Bearings (rollers) with V-shape Groove on Outer Ring

Designat. of bearing	Fig.	Dimensions						Cage	Shields	Weight	Load capacity	
		d	D	B	C	d ₁	h				dynamic C _r	static C _{or}
		[mm]								[N]		
VLM-082	1	3	10	4	-	9,5	0,25	J	2ZR	1,52	490	216
PLC 01-17	1	5	16	5	-	15	0,5	J	2ZR	4,57	1 430	735
VLM-083	1	5	16	5	-	15,15	0,425	J	2ZR	4,61	1 430	735
VLM-125	1	7	22	7	-	20,2	0,9	J	2ZR	11,92	2 500	1 340
VLM-047	1	8	22	7	-	21,1	0,45	J	2ZR	11,63	2 500	1 340
VLM-055	1	8	22	7	-	20,2	0,9	J	2ZR	11,27	2 500	1 340
VLM-084	1	8	22	7	-	20,65	0,675	J	2ZR	11,48	2 500	1 340
VLM-017	1	8	26	7	-	23	1,5	J	2ZR	18,4	2 500	1 340
VLM-062	1	10	30	8	-	26,8	1,6	TNH	2ZR	28,05	4 580	1 970
VLM-074	1	10	35	9	-	31,8	1,6	J	2ZR	49,04	4 500	3 370
VLM-121	2	8	22	7	-	20,2	0,9	J	2RSR	11,18	2 500	1 340
VLM-033	2	8	23	7	-	21,5	0,75	J	2RSR	12,9	2 500	1 340
VLM-111	2	10	30	8	-	26,8	1,6	J	2RSR	28,02	4 500	3 370
VLM-046	2	10	30	9	-	28	1	J	2RSR	32,05	5 100	2 370
VLM-051	2	10	32	9	-	29,7	1,15	J	2RSR	38,38	5 100	2 370
VLM-052	2	12	35	10	-	31	2	J	2RSR	45,03	6 100	3 090
VLM-079	2	15	40	11	-	35,55	2,225	TNH	2RSR	64,8	5 950	3 730
VLM-061	3	8	24	7	7,5	22,2	0,9	TNH	2RSR	11,67	2 500	1 340

Comment:

- If the bearing is used as a roller, the C_r and C_{or} load capacity values are decreased to 2/3 of the values in the table.
- Both-sides shielded bearings (-2ZR,-2RSR) are filled up with plastic lubricant. The bearings are intended for pendulum motions or low speed limits.
- Most rollers can be equipped with shields or seals