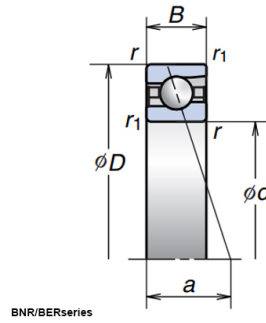


Ultra High-Speed Angular Contact Ball Bearings



Bearing Numbers	Boundary Dimensions (mm)					Basic Load Ratings (kN)		Permissible Axial Load (kN)	Effective Load Center (mm)	Limiting Speeds(min-1)		Mass (kg)
	d	D	B	r (min.)	r1 (min.)	Cr	Cor			Grease	Oil	
25BNR19S	25	42	9	0.3	0.15	5.95	3.5	4.95	9.9	41800	59800	0.042
25BNR19H	25	42	9	0.3	0.15	5.95	3.5	3.25	9.9	53800	83600	0.038
25BNR19X	25	42	9	0.3	0.15	5.95	3.5	3.25	9.9	62700	98600	0.038
25BER19S	25	42	9	0.3	0.15	5.7	3.4	5.9	12.3	35900	50800	0.042
25BER19H	25	42	9	0.3	0.15	5.7	3.4	3.95	12.3	47800	74700	0.038
25BER19X	25	42	9	0.3	0.15	5.7	3.4	3.95	12.3	56800	89600	0.038
30BNR19S	30	47	9	0.3	0.15	6.3	4.05	5.75	10.8	36400	52000	0.048
30BNR19H	30	47	9	0.3	0.15	6.3	4.05	3.8	10.8	46800	72800	0.043
30BNR19X	30	47	9	0.3	0.15	6.3	4.05	3.8	10.8	54600	85800	0.043
30BER19S	30	47	9	0.3	0.15	6	3.9	6.8	13.5	31200	44200	0.048
30BER19H	30	47	9	0.3	0.15	6	3.9	4.6	13.5	41600	65000	0.043
30BER19X	30	47	9	0.3	0.15	6	3.9	4.6	13.5	49400	78000	0.043
35BNR19S	35	55	10	0.6	0.3	9.2	6	8.55	12.3	31200	44500	0.072
35BNR19H	35	55	10	0.6	0.3	9.2	6	5.6	12.3	40000	62300	0.063
35BNR19X	35	55	10	0.6	0.3	9.2	6	5.6	12.3	46700	73400	0.063
35BER19S	35	55	10	0.6	0.3	8.8	5.75	10	15.5	26700	37800	0.072
35BER19H	35	55	10	0.6	0.3	8.8	5.75	6.8	15.5	35600	55600	0.063
35BER19X	35	55	10	0.6	0.3	8.8	5.75	6.8	15.5	42300	66700	0.063
40BNR19S	40	62	12	0.6	0.3	11.5	7.65	10.8	14.3	27500	39300	0.105
40BNR19H	40	62	12	0.6	0.3	11.5	7.65	7.1	14.3	35300	55000	0.092
40BNR19X	40	62	12	0.6	0.3	11.5	7.65	7.1	14.3	41200	64800	0.092
40BER19S	40	62	12	0.6	0.3	11	7.35	12.8	17.9	23600	33400	0.105

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40BER19H	40	62	12	0.6	0.3	11	7.35	8.65	17.9	31400	49100	0.092
40BER19X	40	62	12	0.6	0.3	11	7.35	8.65	17.9	37300	58900	0.092
45BNR19S	45	68	12	0.6	0.3	12.1	8.7	12.4	15.2	24800	35400	0.125
45BNR19H	45	68	12	0.6	0.3	12.1	8.7	8.1	15.2	31900	49600	0.111
45BNR19X	45	68	12	0.6	0.3	12.1	8.7	8.1	15.2	37200	58500	0.111
45BER19S	45	68	12	0.6	0.3	11.6	8.35	14.6	19.2	21300	30100	0.125
45BER19H	45	68	12	0.6	0.3	11.6	8.35	9.85	19.2	28400	44300	0.111
45BER19X	45	68	12	0.6	0.3	11.6	8.35	9.85	19.2	33700	53100	0.111