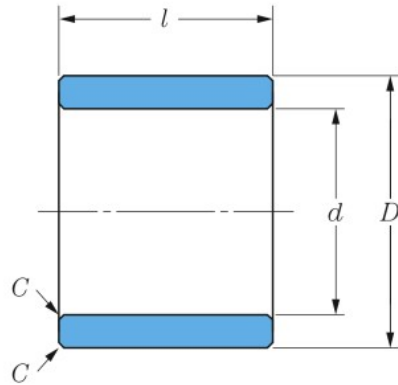


ARE type AR type Sleeve bearing



Dimension measurement temperature 25°C

Bearing number	Dimension mm				Recommended dimensions mm		Minimum mounting clearance mm
	d tolerance	D tolerance	l tolerance	C	Shaft h6	Housing M7	
R-ARE0305	3 $\begin{smallmatrix} +0.21 \\ +0.16 \end{smallmatrix}$	6 $\begin{smallmatrix} +0.09 \\ +0.04 \end{smallmatrix}$	5 $\begin{smallmatrix} 0 \\ -0.20 \end{smallmatrix}$	0.3	3 $\begin{smallmatrix} 0 \\ -0.006 \end{smallmatrix}$	6 $\begin{smallmatrix} 0 \\ -0.012 \end{smallmatrix}$	0.06
R-ARE0406	4 $\begin{smallmatrix} +0.21 \\ +0.16 \end{smallmatrix}$	7 $\begin{smallmatrix} +0.09 \\ +0.04 \end{smallmatrix}$	6 $\begin{smallmatrix} 0 \\ -0.20 \end{smallmatrix}$	0.3	4 $\begin{smallmatrix} 0 \\ -0.006 \end{smallmatrix}$	7 $\begin{smallmatrix} 0 \\ -0.015 \end{smallmatrix}$	0.06
R-ARE0506	5 $\begin{smallmatrix} +0.21 \\ +0.16 \end{smallmatrix}$	8 $\begin{smallmatrix} +0.09 \\ +0.04 \end{smallmatrix}$	6 $\begin{smallmatrix} 0 \\ -0.20 \end{smallmatrix}$	0.3	5 $\begin{smallmatrix} 0 \\ -0.008 \end{smallmatrix}$	8 $\begin{smallmatrix} 0 \\ -0.015 \end{smallmatrix}$	0.06
R-ARE0608	6 $\begin{smallmatrix} +0.21 \\ +0.16 \end{smallmatrix}$	9 $\begin{smallmatrix} +0.09 \\ +0.04 \end{smallmatrix}$	8 $\begin{smallmatrix} 0 \\ -0.20 \end{smallmatrix}$	0.3	6 $\begin{smallmatrix} 0 \\ -0.008 \end{smallmatrix}$	9 $\begin{smallmatrix} 0 \\ -0.015 \end{smallmatrix}$	0.06
R-ARE0708	7 $\begin{smallmatrix} +0.23 \\ +0.18 \end{smallmatrix}$	11 $\begin{smallmatrix} +0.10 \\ +0.05 \end{smallmatrix}$	8 $\begin{smallmatrix} 0 \\ -0.20 \end{smallmatrix}$	0.5	7 $\begin{smallmatrix} 0 \\ -0.009 \end{smallmatrix}$	11 $\begin{smallmatrix} 0 \\ -0.018 \end{smallmatrix}$	0.06
R-ARE0808	8 $\begin{smallmatrix} +0.23 \\ +0.18 \end{smallmatrix}$	12 $\begin{smallmatrix} +0.10 \\ +0.05 \end{smallmatrix}$	8 $\begin{smallmatrix} 0 \\ -0.20 \end{smallmatrix}$	0.5	8 $\begin{smallmatrix} 0 \\ -0.009 \end{smallmatrix}$	12 $\begin{smallmatrix} 0 \\ -0.018 \end{smallmatrix}$	0.06
R-ARE0910	9 $\begin{smallmatrix} +0.23 \\ +0.18 \end{smallmatrix}$	13 $\begin{smallmatrix} +0.10 \\ +0.05 \end{smallmatrix}$	10 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.5	9 $\begin{smallmatrix} 0 \\ -0.009 \end{smallmatrix}$	13 $\begin{smallmatrix} 0 \\ -0.018 \end{smallmatrix}$	0.06
R-ARE1010	10 $\begin{smallmatrix} +0.24 \\ +0.19 \end{smallmatrix}$	14 $\begin{smallmatrix} +0.10 \\ +0.05 \end{smallmatrix}$	10 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.5	10 $\begin{smallmatrix} 0 \\ -0.009 \end{smallmatrix}$	14 $\begin{smallmatrix} 0 \\ -0.018 \end{smallmatrix}$	0.07
R-ARE1210	12 $\begin{smallmatrix} +0.24 \\ +0.19 \end{smallmatrix}$	16 $\begin{smallmatrix} +0.10 \\ +0.05 \end{smallmatrix}$	10 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.5	12 $\begin{smallmatrix} 0 \\ -0.011 \end{smallmatrix}$	16 $\begin{smallmatrix} 0 \\ -0.018 \end{smallmatrix}$	0.07
R-AR1515	15 $\begin{smallmatrix} +0.27 \\ +0.20 \end{smallmatrix}$	21 $\begin{smallmatrix} +0.10 \\ +0.05 \end{smallmatrix}$	15 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.5	15 $\begin{smallmatrix} 0 \\ -0.011 \end{smallmatrix}$	21 $\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	0.08
R-AR1715	17 $\begin{smallmatrix} +0.27 \\ +0.20 \end{smallmatrix}$	23 $\begin{smallmatrix} +0.10 \\ +0.05 \end{smallmatrix}$	15 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.5	17 $\begin{smallmatrix} 0 \\ -0.011 \end{smallmatrix}$	23 $\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	0.08
R-AR1815	18 $\begin{smallmatrix} +0.27 \\ +0.20 \end{smallmatrix}$	24 $\begin{smallmatrix} +0.10 \\ +0.05 \end{smallmatrix}$	15 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.5	18 $\begin{smallmatrix} 0 \\ -0.011 \end{smallmatrix}$	24 $\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	0.08
R-AR2020	20 $\begin{smallmatrix} +0.33 \\ +0.21 \end{smallmatrix}$	26 $\begin{smallmatrix} +0.11 \\ +0.06 \end{smallmatrix}$	20 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.8	20 $\begin{smallmatrix} 0 \\ -0.013 \end{smallmatrix}$	26 $\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	0.08
R-AR2220	22 $\begin{smallmatrix} +0.33 \\ +0.21 \end{smallmatrix}$	28 $\begin{smallmatrix} +0.11 \\ +0.06 \end{smallmatrix}$	20 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.8	22 $\begin{smallmatrix} 0 \\ -0.013 \end{smallmatrix}$	28 $\begin{smallmatrix} 0 \\ -0.021 \end{smallmatrix}$	0.08
R-AR2525	25 $\begin{smallmatrix} +0.33 \\ +0.21 \end{smallmatrix}$	31 $\begin{smallmatrix} +0.11 \\ +0.06 \end{smallmatrix}$	25 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.8	25 $\begin{smallmatrix} 0 \\ -0.013 \end{smallmatrix}$	31 $\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	0.08
R-AR2830	28 $\begin{smallmatrix} +0.33 \\ +0.21 \end{smallmatrix}$	34 $\begin{smallmatrix} +0.11 \\ +0.06 \end{smallmatrix}$	30 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.8	28 $\begin{smallmatrix} 0 \\ -0.013 \end{smallmatrix}$	34 $\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	0.08
R-AR3030	30 $\begin{smallmatrix} +0.33 \\ +0.21 \end{smallmatrix}$	36 $\begin{smallmatrix} +0.11 \\ +0.06 \end{smallmatrix}$	30 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	0.8	30 $\begin{smallmatrix} 0 \\ -0.013 \end{smallmatrix}$	36 $\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	0.08
R-AR3230	32 $\begin{smallmatrix} +0.38 \\ +0.22 \end{smallmatrix}$	40 $\begin{smallmatrix} +0.11 \\ +0.06 \end{smallmatrix}$	30 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	1.0	32 $\begin{smallmatrix} 0 \\ -0.016 \end{smallmatrix}$	40 $\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	0.09
R-AR3535	35 $\begin{smallmatrix} +0.38 \\ +0.22 \end{smallmatrix}$	43 $\begin{smallmatrix} +0.11 \\ +0.06 \end{smallmatrix}$	35 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	1.0	35 $\begin{smallmatrix} 0 \\ -0.016 \end{smallmatrix}$	43 $\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	0.09
R-AR4040	40 $\begin{smallmatrix} +0.38 \\ +0.22 \end{smallmatrix}$	48 $\begin{smallmatrix} +0.11 \\ +0.06 \end{smallmatrix}$	40 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	1.0	40 $\begin{smallmatrix} 0 \\ -0.016 \end{smallmatrix}$	48 $\begin{smallmatrix} 0 \\ -0.025 \end{smallmatrix}$	0.09
R-AR4550	45 $\begin{smallmatrix} +0.39 \\ +0.23 \end{smallmatrix}$	53 $\begin{smallmatrix} +0.11 \\ +0.06 \end{smallmatrix}$	50 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	1.0	45 $\begin{smallmatrix} 0 \\ -0.016 \end{smallmatrix}$	53 $\begin{smallmatrix} 0 \\ -0.030 \end{smallmatrix}$	0.09
R-AR5050	50 $\begin{smallmatrix} +0.39 \\ +0.23 \end{smallmatrix}$	60 $\begin{smallmatrix} +0.11 \\ +0.06 \end{smallmatrix}$	50 $\begin{smallmatrix} 0 \\ -0.25 \end{smallmatrix}$	1.0	50 $\begin{smallmatrix} 0 \\ -0.016 \end{smallmatrix}$	60 $\begin{smallmatrix} 0 \\ -0.030 \end{smallmatrix}$	0.09

Remark 1. Use $1.0 \times 10^{-7} \text{ mm}^3/\text{N} \cdot \text{m}$ as a guideline for the specific wear rate K .