

NATR..-PP Track Roller Technical Reference

Dimensions, load ratings and a redrawn identification diagram for preliminary model comparison.

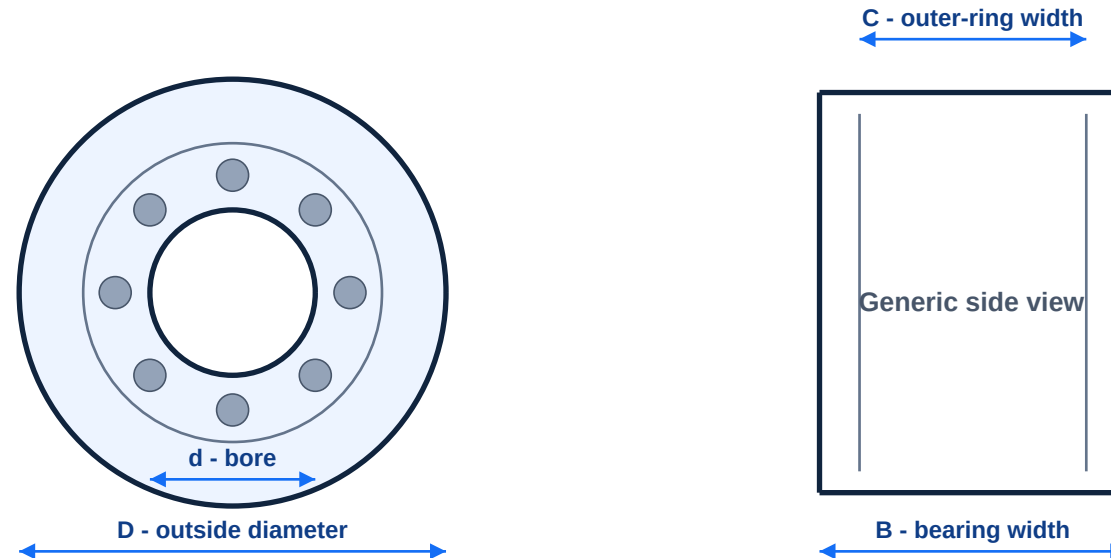


Diagram purpose

Identify dimension symbols and compare envelope size.

Not shown

Internal geometry, seals, crowned profile and fits.

How to use this sheet

Match the complete designation and suffix first. Then compare d, D, B, C and d2. Load ratings are reference values for the published series and do not by themselves approve an interchange. Track material, hardness, outer-ring permissible load, lubrication and mounting must also be checked.

REFERENCE ONLY - NOT A CONTROLLED MANUFACTURING DRAWING. Confirm current manufacturer data and the quoted supplier drawing before purchase or installation.

NATR..-PP dimensions and load reference

Dimensions in mm. Load ratings in kN. Speed is the published permanent-grease reference speed in revolutions per minute.

Model	d	D	B	C	d2	Crw	C0rw	Curw	nDG rpm	Mass kg
NATR5-PP	5	16	12	11	12.5	3.20	3.45	0.465	14,000	0.014
NATR6-PP	6	19	12	11	15	3.55	4.10	0.560	11,000	0.019
NATR8-PP	8	24	15	14	19	5.50	6.70	0.940	7,500	0.038
NATR10-PP	10	30	15	14	23	6.80	8.70	1.240	5,500	0.064
NATR12-PP	12	32	15	14	25	7.00	9.20	1.320	4,500	0.066
NATR15-PP	15	35	19	18	27.6	9.70	14.50	1.860	3,600	0.095
NATR17-PP	17	40	21	20	31.5	10.90	16.00	2.130	2,900	0.139
NATR20-PP	20	47	25	24	36.5	15.40	26.00	3.450	2,400	0.236
NATR25-PP	25	52	25	24	41.5	15.20	27.00	3.600	1,800	0.271
NATR30-PP	30	62	29	28	51	23.30	39.50	5.300	1,300	0.444
NATR35-PP	35	72	29	28	58	24.80	45.00	6.000	1,000	0.547
NATR40-PP	40	80	32	30	66	32.50	59.00	8.400	850	0.795
NATR50-PP	50	90	32	30	76	31.00	60.00	8.500	650	0.867

Source and processing notes

Primary values: Schaeffler Aerospace Standard Products, section 6.1.5 NATR..-PP / NATV..-PP. Competitive benchmark reviewed: Jade Bearings NATR..-PP product page. Where public values differed, the current Schaeffler reference was used. No Jade photographs, drawings, certificates, reports or customer material are reproduced in this document.

Selection notice: suffix, internal design, permissible outer-ring load, lubrication, track hardness, fitting and current manufacturer data must be verified before quotation or use.