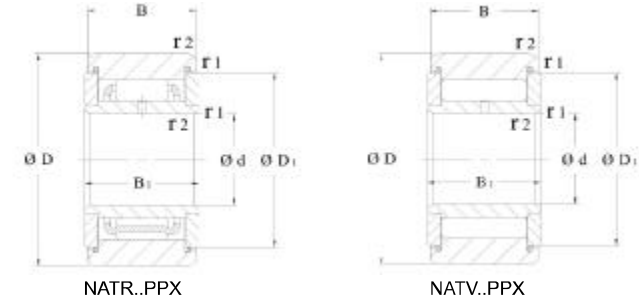
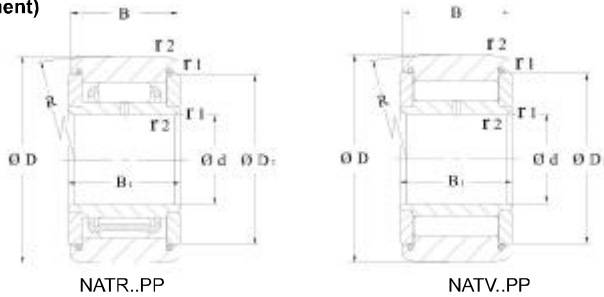


**Yoke type track rollers with axial guidance**  
**sealed**  
**series NATR..PP**  
**NATV..PP**  
**(full complement)**

**HMEC**



Outside diameter	Dimensions							As bearing	
	D	d	B	B <sub>1</sub>	D <sub>1</sub>	r <sub>1</sub> /r <sub>2</sub> min	R	dyn. Cr	stat. Cor
	mm							kN	
16	16	5	11	12	12	0.1	500	3.7	3.9
	16	5	11	12	12	0.1	500	6	8.8
19	19	6	11	12	14	0.1	500	4.15	4.8
	19	6	11	12	14	0.1	500	6.9	11
24	24	8	14	15	19	0.3	500	6.6	7.8
	24	8	14	15	19	0.3	500	9.6	16
30	30	10	14	15	23	0.6	500	7.8	9.65
	30	10	14	15	23	0.6	500	11.4	19.3
32	32	12	14	15	25	0.6	500	8.4	10.8
	32	12	14	15	25	0.6	500	12.3	22
35	35	15	18	19	27	0.6	500	12.3	19.3
	35	15	18	19	27	0.6	500	17.2	35.5
40	40	17	20	21	32	1	500	13.4	20.4
	40	17	20	21	32	1	500	19.4	40
47	47	20	24	25	37	1	500	18.7	32.5
	47	20	24	25	37	1	500	26	60

As track roller		Max permissible radial load		Speed rating min <sup>-1</sup>	Code bearing HMEC		Mass ≈ kg
dyn. C <sub>L</sub> R	stat. C <sub>O</sub> L,R	dyn. F <sub>r max</sub>	stat. F <sub>o</sub> r max		with sphered outer ring	with cylindrical outer ring	
3.1	3.2	2.9	4.2	20000	<b>NATR 5 PP</b>	<b>NATR 5 PPX</b>	0.01
4.7	6.5	4	5.7	11000	<b>NATV 5 PP</b>	<b>NATV 5 PPX</b>	0.02
3.25	3.8	3.45	5.5	17000	<b>NATR 6 PP</b>	<b>NATR 6 PPX</b>	0.02
5.3	8	5.1	7.3	10000	<b>NATV 6 PP</b>	<b>NATV 6 PPX</b>	0.02
5.3	6.1	5.2	7.65	15000	<b>NATR 8 PP</b>	<b>NATR 8 PPX</b>	0.04
7.4	11.4	7.3	10.4	8500	<b>NATV 8 PP</b>	<b>NATV 8 PPX</b>	0.04
6.4	8	7.1	11.2	13000	<b>NATR 10 PP</b>	<b>NATR 10 PPX</b>	0.07
8.9	14.6	11	15.6	7500	<b>NATV 10 PP</b>	<b>NATV 10 PPX</b>	0.07
6.6	8.5	7.1	10	11000	<b>NATR 12 PP</b>	<b>NATR 12 PPX</b>	0.07
9.3	15.3	10.6	15	7000	<b>NATV 12 PP</b>	<b>NATV 12 PPX</b>	0.07
9.5	13.7	11.4	16.3	10000	<b>NATR 15 PP</b>	<b>NATR 15 PPX</b>	0.10
12.3	23.2	14.6	20.8	6700	<b>NATV 15 PP</b>	<b>NATV 15 PPX</b>	0.11
10.5	14.6	12.5	18	9000	<b>NATR 17 PP</b>	<b>NATR 17 PPX</b>	0.14
14.2	26.5	17	24.5	5600	<b>NATV 17 PP</b>	<b>NATV 17 PPX</b>	0.15
14.7	24.5	23.6	33.5	8000	<b>NATR 20 PP</b>	<b>NATR 20 PPX</b>	0.25
19.4	41.5	30.5	43	5300	<b>NATV 20 PP</b>	<b>NATV 20 PPX</b>	0.26