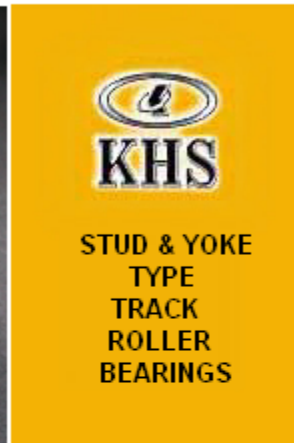




STUD & YOKE TYPE TRACK ROLLER BEARINGS

장식 못과 멩에는 대위 롤러 베어링을 타자를 친다

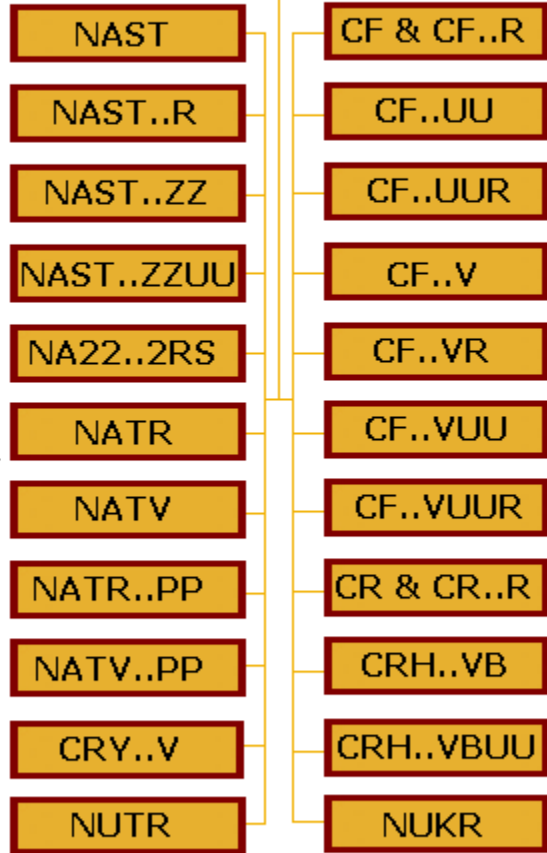


Stud and Yoke type track roller bearings consist of a thick-walled heavy-duty outer ring that is designed in arc shape to avoid edge stress. They can be used as pressure rollers, eccentric rollers or rocker arm rollers as well as for simple linear guidance. They are designed for outer ring rotation, and the outer ring run directly on mating track surfaces. Stud type track rollers have a stud incorporating needle rollers in a thick walled outer ring.

가장자리 긴장을 기피하기 위하여 아크 모양안에 디자인되는 두껍게 벽으로 막은 외부 반지가 장식 못과 멩에 유형에 의하여 대위 롤러 베어링 이루어져 있다. 그들은 간단한 선형 지도를 위해아울러 압력 롤러, 괴상한 롤러 또는 로커암 롤러로 이용할 수 있다. 그들은 외부 반지 교체를 위해 디자인되고, 짝지어주는 대위에 직접적으로 달리는 외부 반지는 떠오른다. 장식 못 유형 대위 롤러에는 두껍게 벽으로 막은 외부 반지안에 장식 못 통합 바늘 롤러가 있다.

YOKE TYPE

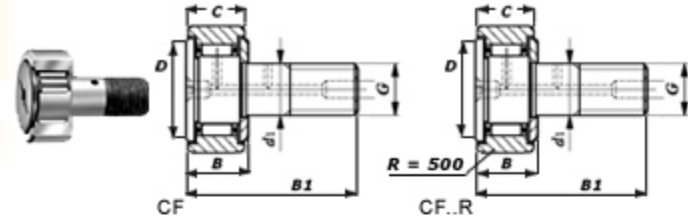
STUD TYPE





STUD TYPE TRACK ROLLER BEARINGS
Metric Dimensions

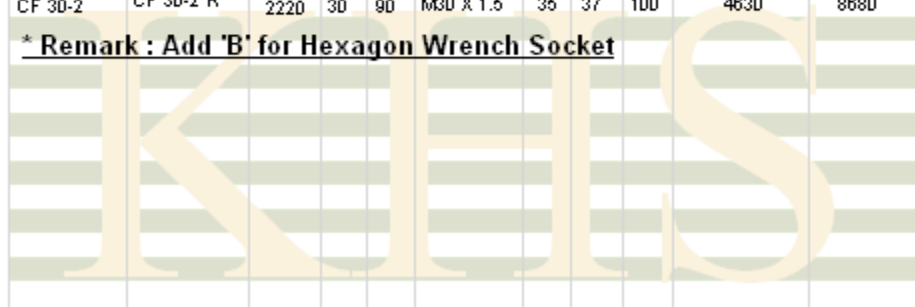
CF & CF..R Series



Dimension Table of CF & CF..R Series

Designation (Cylindrical outer Race)	Designation (Crowned outer Race)	Weight (g)	Dimensions (mm)						Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
			d1	D	G	C	MAX B	MAX B1		
CF 3	-	4.3	3	10	M3 X 0.5	7	8	17	150	100
CF 4	-	7.4	4	12	M4 X 0.7	8	9	20	210	160
CF 5	-	10.3	5	13	M5 X 0.8	9	10	23	260	220
CF 6	CF 6 R	18.5	6	16	M6 X 1	11	12.2	28.2	370	370
CF 8	CF 8 R	28.5	8	19	M8 X 1.25	11	12.2	32.2	430	480
CF 10	CF 10 R	45	10	22	M10 X 1.25	12	13.2	36.2	550	700
CF 10 M	CF 10 RM	45	10	22	M10 X 1	12	13.2	36.2	550	700
CF 10-1	CF 10-1 R	60	10	26	M10 X 1.25	12	13.2	36.2	550	700
CF 10-1 M	CF 10-1 RM	60	10	26	M10 X 1	12	13.2	36.2	550	700
CF 12	CF 12 R	95	12	30	M12 X 1.5	14	15.2	40.2	810	1000
CF 12-1	CF 12-1 R	105	12	32	M12 X 1.5	14	15.2	40.2	810	1000
CF 16	CF 16 R	170	16	35	M16 X 1.5	18	19.6	52.1	1230	1870
CF 18	CF 18 R	250	18	40	M18 X 1.5	20	21.6	58.1	1500	2570
CF 20	CF 20 R	460	20	52	M20 X 1.5	24	25.6	66.1	2110	3530
CF 20-1	CF 20-1 R	385	20	47	M20 X 1.5	24	25.6	66.1	2110	3530
CF 24	CF 24 R	815	24	62	M24 X 1.5	29	30.6	80.1	3110	5370
CF 24-1	CF 24-1 R	1140	24	72	M24 X 1.5	29	30.6	80.1	3110	5370
CF 30	CF 30 R	1870	30	80	M30 X 1.5	35	37	100	4630	8680
CF 30-1	CF 30-1 R	2030	30	85	M30 X 1.5	35	37	100	4630	8680
CF 30-2	CF 30-2 R	2220	30	90	M30 X 1.5	35	37	100	4630	8680

* Remark : Add 'B' for Hexagon Wrench Socket

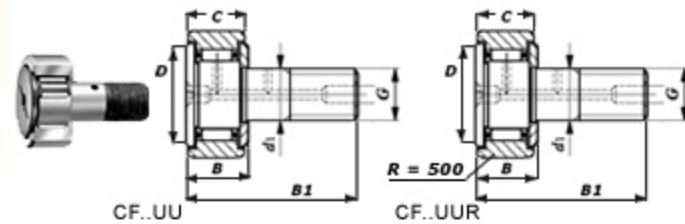




STUD TYPE TRACK ROLLER BEARINGS

Metric Dimensions

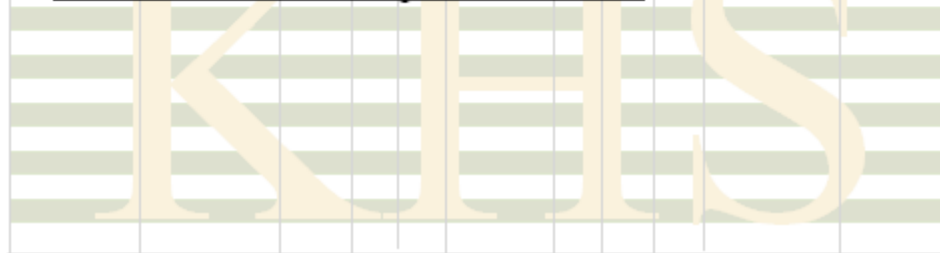
CF..UU & CF..UUR Series



Dimension Table of CF..UU & CF..UUR Series

Designation (Cylindrical outer Race)	Designation (Crowned outer Race)	Weight (g)	Dimensions (mm)						Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
			d1	D	G	C	MAX B	MAX B1		
CF 3 UU		4.3	3	10	M3 X 0.5	7	8	17	150	100
CF 4 UU		7.4	4	12	M4 X 0.7	8	9	20	210	160
CF 5 UU		10.3	5	13	M5 X 0.8	9	10	23	260	220
CF 6 UU	CF 6 UUR	18.5	6	16	M6 X 1	11	12.2	28.2	370	370
CF 8 UU	CF 8 UUR	28.5	8	19	M8 X 1.25	11	12.2	32.2	430	480
CF 10 UU	CF 10 UUR	45	10	22	M10 X 1.25	12	13.2	36.2	550	700
CF 10 UUM	CF 10 UURM	45	10	22	M10 X 1	12	13.2	36.2	550	700
CF 10-1 UU	CF 10-1 UUR	60	10	26	M10 X 1.25	12	13.2	36.2	550	700
CF 10-1 UUM	CF 10-1 UURM	60	10	26	M10 X 1	12	13.2	36.2	550	700
CF 12 UU	CF 12 UUR	95	12	30	M12 X 1.5	14	15.2	40.2	810	1000
CF 12-1 UU	CF 12-1 UUR	105	12	32	M12 X 1.5	14	15.2	40.2	810	1000
CF 16 UU	CF 16 UUR	170	16	35	M16 X 1.5	18	19.6	52.1	1230	1870
CF 18 UU	CF 18 UUR	250	18	40	M18 X 1.5	20	21.6	58.1	1500	2570
CF 20 UU	CF 20 UUR	460	20	52	M20 X 1.5	24	25.6	66.1	2110	3530
CF 20-1 UU	CF 20-1 UUR	385	20	47	M20 X 1.5	24	25.6	66.1	2110	3530
CF 24 UU	CF 24 UUR	815	24	62	M24 X 1.5	29	30.6	80.1	3110	5370
CF 24-1 UU	CF 24-1 UUR	1140	24	72	M24 X 1.5	29	30.6	80.1	3110	5370
CF 30 UU	CF 30 UUR	1870	30	80	M30 X 1.5	35	37	100	4630	8680
CF 30-1 UU	CF 30-1 UUR	2030	30	85	M30 X 1.5	35	37	100	4630	8680
CF 30-2 UU	CF 30-2 UUR	2220	30	90	M30 X 1.5	35	37	100	4630	8680

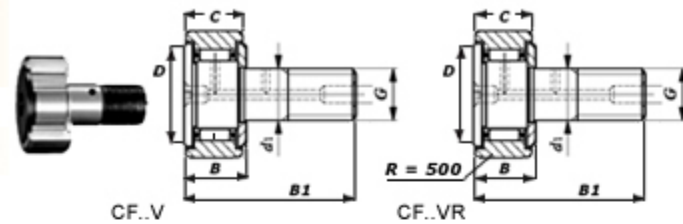
* Remark : Add 'B' for Hexagon Wrench Socket





STUD TYPE TRACK ROLLER BEARINGS
Metric Dimensions

CF..V & CF..VR Series



Dimension Table of CF..V & CF..VR Series

Designation (Cylindrical outer Race)	Designation (Crowned outer Race)	Weight (g)	Dimensions (mm)						Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
			d1	D	G	C	MAX B	MAX B1		
CF 6 V	CF 6 VR	19	6	16	M6 X 1	11	12.2	28.2	710	870
CF 8 V	CF 8 VR	29	8	19	M8 X 1.25	11	12.2	32.2	830	1140
CF 10 V	CF 10 VR	46	10	22	M10 X 1.25	12	13.2	36.2	970	1480
CF 10 VM	CF 10 VRM	46	10	22	M10 X 1	12	13.2	36.2	970	1480
CF 10-1 V	CF 10-1 VR	61	10	26	M10 X 1.25	12	13.2	36.2	970	1480
CF 10-1 VM	CF 10-1 VRM	61	10	26	M10 X 1	12	13.2	36.2	970	1480
CF 12 V	CF 12 VR	97	12	30	M12 X 1.5	14	15.2	40.2	1370	2010
CF 12-1 V	CF 12-1 VR	107	12	32	M12 X 1.5	14	15.2	40.2	1370	2010
CF 16 V	CF 16 VR	173	16	35	M16 X 1.5	18	19.6	52.1	2110	3840
CF 18 V	CF 18 VR	255	18	40	M18 X 1.5	20	21.6	58.1	2580	5240
CF 20 V	CF 20 VR	465	20	52	M20 X 1.5	24	25.6	66.1	3380	6580
CF 20-1 V	CF 20-1 VR	390	20	47	M20 X 1.5	24	25.6	66.1	3380	6580
CF 24 V	CF 24 VR	820	24	62	M24 X 1.5	29	30.6	80.1	4750	9390
CF 24-1 V	CF 24-1 VR	1140	24	72	M24 X 1.5	29	30.6	80.1	4750	9390
CF 30 V	CF 30 VR	1870	30	80	M30 X 1.5	35	37	100	6900	14700
CF 30-1 V	CF 30-1 VR	2030	30	85	M30 X 1.5	35	37	100	6900	14700
CF 30-2 V	CF 30-2 VR	2220	30	90	M30 X 1.5	35	37	100	6900	14700

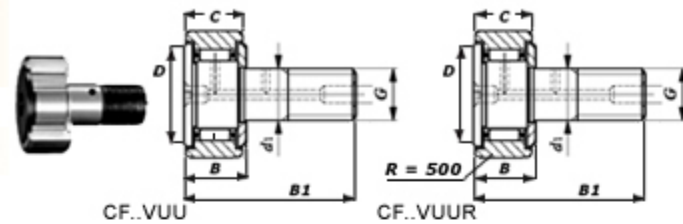
* Remark : Add 'B' for Hexagon Wrench Socket





STUD TYPE TRACK ROLLER BEARINGS
Metric Dimensions

CF..VUU & CF..VUUR Series



Dimension Table of CF..VUU & CF..VUUR Series

Designation (Cylindrical outer Race)	Designation (Crowned outer Race)	Weight (g)	Dimensions (mm)						Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
			d1	D	G	C	MAX B	MAX B1		
CF 6 VUU	CF 6 VUUR	19	6	16	M6 X 1	11	12.2	28.2	710	870
CF 8 VUU	CF 8 VUUR	29	8	19	M8 X 1.25	11	12.2	32.2	830	1140
CF 10 VUU	CF 10 VUUR	46	10	22	M10 X 1.25	12	13.2	36.2	970	1480
CF 10 VUUM	CF 10 VUURM	46	10	22	M10 X 1	12	13.2	36.2	970	1480
CF 10-1 VUU	CF 10-1 VUUR	61	10	26	M10 X 1.25	12	13.2	36.2	970	1480
CF 10-1 VUUM	CF 10-1 VUURM	61	10	26	M10 X 1	12	13.2	36.2	970	1480
CF 12 VUU	CF 12 VUUR	97	12	30	M12 X 1.5	14	15.2	40.2	1370	2010
CF 12-1 VUU	CF 12-1 VUUR	107	12	32	M12 X 1.5	14	15.2	40.2	1370	2010
CF 16 VUU	CF 16 VUUR	173	16	35	M16 X 1.5	18	19.6	52.1	2110	3840
CF 18 VUU	CF 18 VUUR	255	18	40	M18 X 1.5	20	21.6	58.1	2580	5240
CF 20 VUU	CF 20 VUUR	465	20	52	M20 X 1.5	24	25.6	66.1	3380	6580
CF 20-1 VUU	CF 20-1 VUUR	390	20	47	M20 X 1.5	24	25.6	66.1	3380	6580
CF 24 VUU	CF 24 VUUR	820	24	62	M24 X 1.5	29	30.6	80.1	4750	9390
CF 24-1 VUU	CF 24-1 VUUR	1140	24	72	M24 X 1.5	29	30.6	80.1	4750	9390
CF 30 VUU	CF 30 VUUR	1870	30	80	M30 X 1.5	35	37	100	6900	14700
CF 30-1 VUU	CF 30-1 VUUR	2030	30	85	M30 X 1.5	35	37	100	6900	14700
CF 30-2 VUU	CF 30-2 VUUR	2220	30	90	M30 X 1.5	35	37	100	6900	14700

* Remark : Add 'B' for Hexagon Wrench Socket

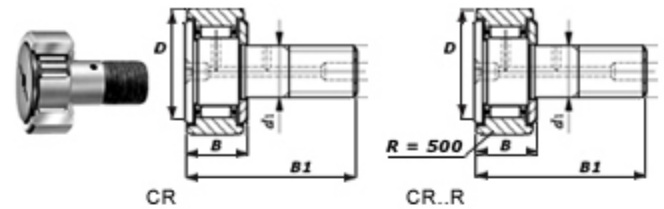




STUD TYPE TRACK ROLLER BEARINGS

Inch Dimensions

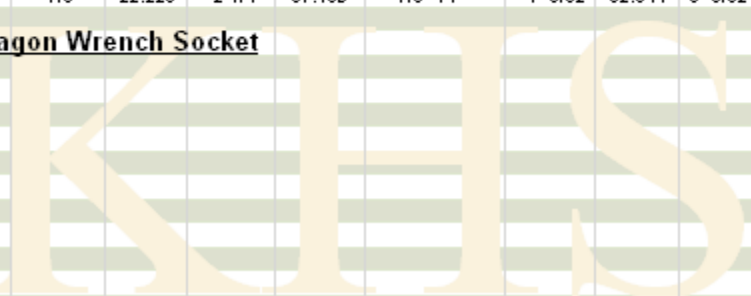
CR & CR..R Series



Dimension Table of CR & CR..R Series

Designation (Cylindrical outer Race)	Designation (Crowned outer Race)	Weight (g)	Dimensions Inch (mm)										Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
			d1		D		Thread UNF	B		B1				
			inch	mm	inch	mm		inch	mm	inch	mm			
CR 8	CR 8 R	9	-	4.826	1/2	12.700	NO. 10-32	3/8	9.525	7/8	22.225	260	220	
CR 8-1	CR 8-1 R	10	-	4.826	1/2	12.700	NO. 10-32	13/32	10.319	1 1/32	26.194	260	220	
CR 10	CR 10 R	19	1/4	6.350	5/8	15.875	1/4 -28	7/16	11.112	1 1/16	26.988	370	370	
CR 10-1	CR 10-1 R	21	1/4	6.350	5/8	15.875	1/4 -28	15/32	11.906	1 7/32	30.956	370	370	
CR 12	CR 12 R	35	3/8	9.525	3/4	19.050	3/8 -24	17/32	13.494	1 13/32	35.719	450	520	
CR 14	CR 14 R	46	3/8	9.525	7/8	22.225	3/8 -24	17/32	13.494	1 13/32	35.719	490	590	
CR 16	CR 16 R	73	7/16	11.112	1	25.400	7/16 -20	21/32	16.669	1 21/32	42.069	900	1100	
CR 18	CR 18 R	88	7/16	11.112	1 1/8	28.575	7/16 -20	21/32	16.669	1 21/32	42.069	940	1180	
CR 20	CR 20 R	132	1/2	12.700	1 1/4	31.750	1/2 -20	25/32	19.844	2 1/32	51.594	1450	1630	
CR 22	CR 22 R	157	1/2	12.700	1 3/8	34.925	1/2 -20	25/32	19.844	2 1/32	51.594	1450	1630	
CR 24	CR 24 R	225	5/8	15.875	1 1/2	38.100	5/8 -18	29/32	23.019	2 13/32	61.119	1890	2470	
CR 26	CR 26 R	260	5/8	15.875	1 5/8	41.275	5/8 -18	29/32	23.019	2 13/32	61.119	1890	2470	
CR 28	CR 28 R	365	3/4	19.050	1 3/4	44.450	3/4 -16	1 1/32	26.194	2 25/32	70.644	2560	3900	
CR 30	CR 30 R	410	3/4	19.050	1 7/8	47.625	3/4 -16	1 1/32	26.194	2 25/32	70.644	2560	3900	
CR 32	CR 32 R	615	7/8	22.225	2	50.800	7/8 -14	1 9/32	32.544	3 9/32	83.344	3310	6510	
CR 36	CR 36 R	750	7/8	22.225	2 1/4	57.150	7/8 -14	1 9/32	32.544	3 9/32	83.344	3310	6510	

* Remark : Add 'B' for Hexagon Wrench Socket

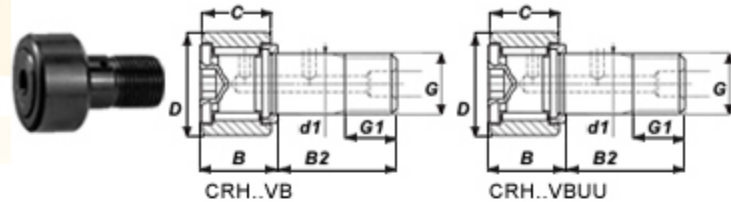




STUD TYPE TRACK ROLLER BEARINGS

Inch Dimensions

CRH..VB & CRH..VBUU Series



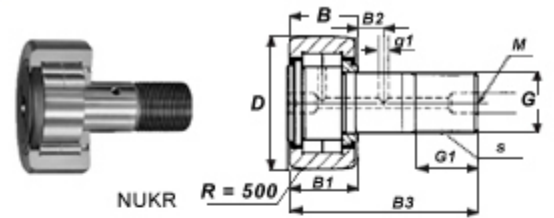
Dimension Table of CRH..VB & CRH..VBUU Series

Designation	Designation	Weight (g)	Dimensions mm (inch)							Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
			D	C	d1	G UNF	G1	B MAX	B2		
CRH 8-1 VB	CRH 8-1 VBUU	12	12.700 (1/2)	9.525 (3/8)	6.350 (1/4)	1/4-2028	6.350 (1/4)	11.1 (0.44)	15.875 (5/8)	4710	5410
CRH 9 VB	CRH 9 VBUU	15	14.228 (9/16)	9.525 (3/8)	6.350 (1/4)	1/4-2028	6.350 (1/4)	11.1 (0.44)	15.875 (5/8)	4710	5410
CRH 10-1 VB	CRH 10-1 VBUU	23	15.875 (5/8)	11.112 (7/16)	7.938 (5/16)	5/16-2024	7.938 (5/16)	12.8 (0.50)	19.050 (3/4)	6340	8530
CRH 11 VB	CRH 11 VBUU	27	17.462 (11/16)	11.112 (7/16)	7.938 (5/16)	5/16-2024	7.938 (5/16)	12.8 (0.50)	19.050 (3/4)	6340	8530
CRH 12 VB	CRH 12 VBUU	39	19.050 (3/4)	12.700 (1/2)	11.112 (7/16)	7/16-2020	9.525 (3/8)	14.6 (0.57)	22.225 (7/8)	8710	12300
CRH 14 VB	CRH 14 VBUU	49	22.225 (7/8)	12.700 (1/2)	11.112 (7/16)	7/16-2020	9.525 (3/8)	14.6 (0.57)	22.225 (7/8)	8710	12300
CRH 16 VB	CRH 16 VBUU	93	25.400 (1)	15.875 (5/8)	15.875 (5/8)	5/8-2018	12.700 (1/2)	17.9 (0.70)	25.400 (1)	13100	22700
CRH 18 VB	CRH 18 VBUU	109	28.575 (1 1/8)	15.875 (5/8)	15.875 (5/8)	5/8-2018	12.700 (1/2)	17.9 (0.70)	25.400 (1)	13100	22700
CRH 20 VB	CRH 20 VBUU	176	31.750 (1 1/4)	19.050 (3/4)	19.050 (3/4)	3/4-2016	15.875 (5/8)	21.0 (0.83)	31.750 (1 1/4)	23600	31700
CRH 22 VB	CRH 22 VBUU	200	34.925 (1 3/8)	19.050 (3/4)	19.050 (3/4)	3/4-2016	15.875 (5/8)	21.0 (0.83)	31.750 (1 1/4)	23600	31700
CRH 24 VB	CRH 24 VBUU	296	38.100 (1 1/2)	22.225 (7/8)	22.225 (7/8)	7/8-2014	19.050 (3/4)	24.3 (0.96)	38.100 (1 1/2)	28200	40100
CRH 26 VB	CRH 26 VBUU	329	41.275 (1 5/8)	22.225 (7/8)	22.225 (7/8)	7/8-2014	19.050 (3/4)	24.3 (0.96)	38.100 (1 1/2)	28200	40100
CRH 28 VB	CRH 28 VBUU	463	44.450 (1 3/4)	25.400 (1)	25.400 (1)	1-14 UNS	22.225 (7/8)	27.4 (1.08)	44.450 (1 3/4)	35300	55600
CRH 30 VB	CRH 30 VBUU	508	47.625 (1 7/8)	25.400 (1)	25.400 (1)	1-14 UNS	22.225 (7/8)	27.4 (1.08)	44.450 (1 3/4)	35300	55600
CRH 32 VB	CRH 32 VBUU	722	50.800 (2)	31.750 (1 1/4)	28.575 (1 1/8)	1 1/8-12	25.400 (1)	34.2 (1.35)	50.800 (2)	45700	80600
CRH 36 VB	CRH 36 VBUU	858	57.150 (2 1/4)	31.750 (1 1/4)	28.575 (1 1/8)	1 1/8-12	25.400 (1)	34.2 (1.35)	50.800 (2)	45700	80600
CRH 40 VB	CRH 40 VBUU	1260	63.500 (2 1/2)	38.100 (1 1/2)	31.750 (1 1/4)	1 1/4-12	28.575 (1 1/8)	40.0 (1.57)	57.150 (2 1/4)	61400	116000
CRH 44 VB	CRH 44 VBUU	1460	69.850 (2 3/4)	38.100 (1 1/2)	31.750 (1 1/4)	1 1/4-12	28.575 (1 1/8)	40.0 (1.57)	57.150 (2 1/4)	61400	116000
CRH 48 VB	CRH 48 VBUU	2100	76.200 (3)	44.450 (1 3/4)	38.100 (1 1/2)	1 1/2-12	31.750 (1 1/4)	46.4 (1.83)	63.500 (2 1/2)	77600	172000
CRH 52 VB	CRH 52 VBUU	2380	82.550 (3 1/4)	44.450 (1 3/4)	38.100 (1 1/2)	1 1/2-12	31.750 (1 1/4)	46.4 (1.83)	63.500 (2 1/2)	77600	172000
CRH 56 VB	CRH 56 VBUU	3240	88.900 (3 1/2)	50.800 (2)	44.450 (1 3/4)	1 3/4-12 UN	34.925 (1 3/8)	52.8 (2.08)	69.850 (2 3/4)	111000	239000
CRH 64 VB	CRH 64 VBUU	4960	101.600 (4)	57.150 (2 1/4)	50.800 (2)	2-12 UN	38.100 (1 1/2)	59.4 (2.34)	88.900 (3 1/2)	142000	317000



STUD TYPE TRACK ROLLER BEARINGS
Metric Dimensions

NUKR Series



Dimension Table of NUKR Series

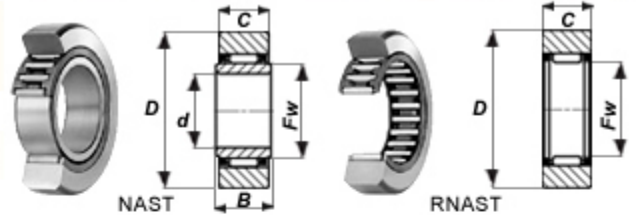
Designation	Weight (g)	H	D	Thread (Sizes) S	Dimensions (mm)						Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)	
					B	B1	B3	M	g1	G1			B2
NUKR 35	177	6	35	M 16 X 1.5	18	19.5	52	6	3	17	8	2350	2760
NUKR 40	258	6	40	M 18 X 1.5	20	21.5	58	6	3	19	8	2530	3160
NUKR 47	400	8	47	M 20 X 1.5	24	25.5	66	8	4	21	9	3980	5100
NUKR 52	470	8	52	M 20 X 1.5	24	25.5	66	8	4	21	9	4440	6120
NUKR 62	824	8	62	M 24 X 1.5	29	30.5	80	8	4	25	11	6020	8060
NUKR 72	1050	8	72	M 24 X 1.5	29	30.5	80	8	4	25	11	6630	9490
NUKR 80	1670	8	80	M 30 X 1.5	35	37	100	8	4	32	15	9690	13570
NUKR 90	2020	8	90	M 30 X 1.5	35	37	100	8	4	32	15	9690	13570





YOKE TYPE TRACK ROLLER BEARINGS
Metric Dimensions

NAST & RNAS Series



Dimension Table of NAST & RNAS Series

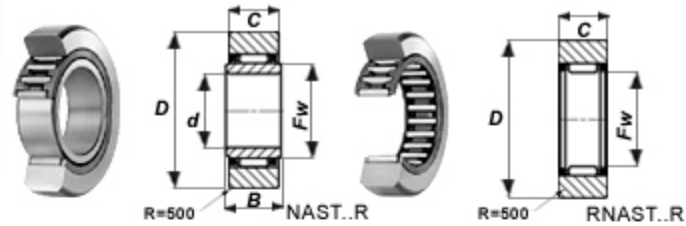
Designation	Weight (g)	Designation	Weight (g)	Dimensions (mm)					Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
				d	Fw	D	C	B		
-	-	RNAS 5	8.9	-	7	16	7.8	-	280	240
NAST 6	17.8	RNAS 6	13.9	6	10	19	9.8	10	420	460
NAST 8	28	RNAS 8	23.5	8	12	24	9.8	10	580	600
NAST 10	49.5	RNAS 10	42.5	10	14	30	11.8	12	1000	990
NAST 12	58	RNAS 12	49.5	12	16	32	11.8	12	1070	1110
NAST 15	62	RNAS 15	50	15	20	35	11.8	12	1260	1460
NAST 17	109	RNAS 17	90	17	22	40	15.8	16	1790	2130
NAST 20	157	RNAS 20	135	20	25	47	15.8	16	1980	2500
NAST 25	180	RNAS 25	152	25	30	52	15.8	16	2120	2890
NAST 30	320	RNAS 30	255	30	38	62	19.8	20	3110	4630
NAST 35	440	RNAS 35	375	35	42	72	19.8	20	3300	5170
NAST 40	530	RNAS 40	420	40	50	80	19.8	20	3660	6230
NAST 45	580	RNAS 45	460	45	55	85	19.8	20	3810	6770
NAST 50	635	RNAS 50	500	50	60	90	19.8	20	3970	7310





YOKE TYPE TRACK ROLLER BEARINGS
Metric Dimensions

NAST..R & RNAS..R Series



Dimension Table of NAST..R & RNAS..R Series

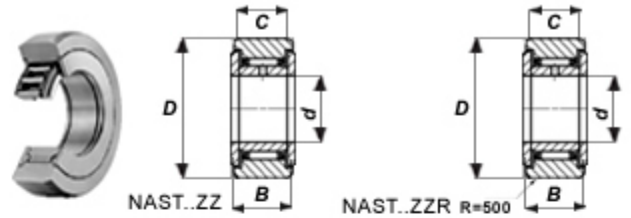
Designation	Weight (g)	Designation	Weight (g)	Dimensions (mm)					Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
				d	Fw	D	C	B		
-	-	RNAS 5R	8.9	-	7	16	7.8	-	280	240
NAST 6R	17.8	RNAS 6R	13.9	6	10	19	9.8	10	420	460
NAST 8R	28	RNAS 8R	23.5	8	12	24	9.8	10	580	600
NAST 10R	49.5	RNAS 10R	42.5	10	14	30	11.8	12	1000	990
NAST 12R	58	RNAS 12R	49.5	12	16	32	11.8	12	1070	1110
NAST 15R	62	RNAS 15R	50	15	20	35	11.8	12	1260	1460
NAST 17R	109	RNAS 17R	90	17	22	40	15.8	16	1790	2130
NAST 20R	157	RNAS 20R	135	20	25	47	15.8	16	1980	2500
NAST 25R	180	RNAS 25R	152	25	30	52	15.8	16	2120	2890
NAST 30R	320	RNAS 30R	255	30	38	62	19.8	20	3110	4630
NAST 35R	440	RNAS 35R	375	35	42	72	19.8	20	3300	5170
NAST 40R	530	RNAS 40R	420	40	50	80	19.8	20	3660	6230
NAST 45R	580	RNAS 45R	460	45	55	85	19.8	20	3810	6770
NAST 50R	635	RNAS 50R	500	50	60	90	19.8	20	3970	7310





YOKE TYPE TRACK ROLLER BEARINGS
Metric Dimensions

NAST..ZZ & NAST..ZZR Series



Dimension Table of NAST..ZZ & NAST..ZZR

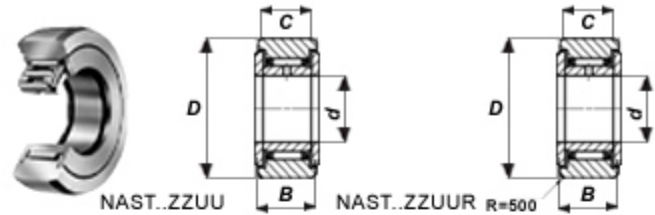
Designation (Cylindrical outer Race)	Designation (Crowned outer Race)	Weight (g)	Dimensions (mm)				Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
			d	D	C	B		
NAST 6 ZZ	NAST 6 ZZR	24,5	6	19	13,8	14	420	460
NAST 8 ZZ	NAST 8 ZZR	39	8	24	13,8	14	580	600
NAST 10 ZZ	NAST 10 ZZR	65	10	30	15,8	16	1000	990
NAST 12 ZZ	NAST 12 ZZR	75	12	32	15,8	16	1070	1110
NAST 15 ZZ	NAST 15 ZZR	83	15	35	15,8	16	1260	1460
NAST 17 ZZ	NAST 17ZZR	135	17	40	19,8	20	1790	2130
NAST 20 ZZ	NAST 20 ZZR	195	20	47	19,8	20	1980	2500
NAST 25 ZZ	NAST 25 ZZR	225	25	52	19,8	20	2120	2890
NAST 30 ZZ	NAST 30 ZZR	400	30	62	24,8	25	3110	4630
NAST 35 ZZ	NAST 35 ZZR	550	35	72	24,8	25	3300	5170
NAST 40 ZZ	NAST 40 ZZR	710	40	80	25,8	26	3660	6230
NAST 45 ZZ	NAST 45 ZZR	760	45	85	25,8	26	3810	6770
NAST 50 ZZ	NAST 50 ZZR	830	50	90	25,8	26	3970	7310





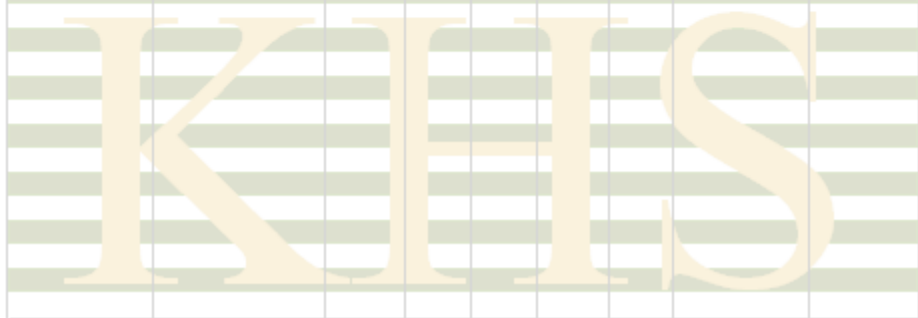
YOKE TYPE TRACK ROLLER BEARINGS
Metric Dimensions

NAST..ZZUU & NAST..ZZUUR Series



Dimension Table of NAST..ZZUU & NAST..ZZUUR

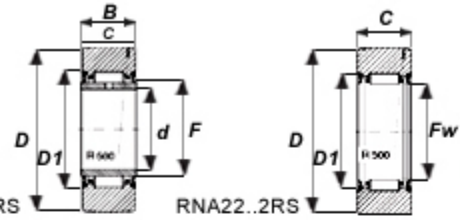
Designation (Cylindrical outer Race)	Designation (Crowned outer Race)	Weight (g)	Dimensions (mm)				Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
			d	D	C	B		
NAST 6 ZZUU	NAST 6 ZZUUR	24.5	6	19	13.8	14	420	460
NAST 8 ZZUU	NAST 8 ZZUUR	39	8	24	13.8	14	580	600
NAST 10 ZZUU	NAST 10 ZZUUR	65	10	30	15.8	16	1000	990
NAST 12 ZZUU	NAST 12 ZZUUR	75	12	32	15.8	16	1070	1110
NAST 15 ZZUU	NAST 15 ZZUUR	83	15	35	15.8	16	1260	1460
NAST 17 ZZUU	NAST 17 ZZUUR	135	17	40	19.8	20	1790	2130
NAST 20 ZZUU	NAST 20 ZZUUR	195	20	47	19.8	20	1980	2500
NAST 25 ZZUU	NAST 25 ZZUUR	225	25	52	19.8	20	2120	2890
NAST 30 ZZUU	NAST 30 ZZUUR	400	30	62	24.8	25	3110	4630
NAST 35 ZZUU	NAST 35 ZZUUR	550	35	72	24.8	25	3300	5170
NAST 40 ZZUU	NAST 40 ZZUUR	710	40	80	25.8	26	3660	6230
NAST 45 ZZUU	NAST 45 ZZUUR	760	45	85	25.8	26	3810	6770
NAST 50 ZZUU	NAST 50 ZZUUR	830	50	90	25.8	26	3970	7310





YOKE TYPE TRACK ROLLER BEARINGS
Metric Dimensions

RNA 22..2RS & NA22..2RS Series



Dimension Table of RIA 22..2RS & IA22..2RS

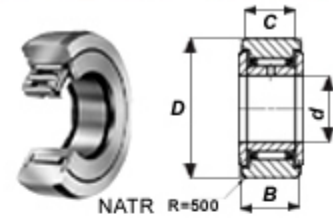
Designation	Weight (g)	Designation	Weight (g)	Dimensions (mm)						Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
				D	d	F/Fw	B	C	D1		
RNA 22/8 2RS	18	NA 22/8 2RS	22	19	6	10	12	11.8	16	530	465
RNA 22/8 2RS	29	NA 22/8 2RS	34	24	8	12	12	11.8	18	570	540
RNA 2200 2RS	52	NA 2200 2RS	60	30	10	14	14	13.8	20	780	830
RNA 2201 2RS	57	NA 2201 2RS	67	32	12	16	14	13.8	22	870	990
RNA 2202 2RS	60	NA 2202 2RS	75	35	15	20	16	13.8	26	980	1230
RNA 2203 2RS	94	NA 2203 2RS	112	40	17	22	16	15.8	28	1220	1670
RNA 2204 2RS	152	NA 2204 2RS	177	47	20	25	18	17.8	33	1890	2230
RNA 2205 2RS	179	NA 2205 2RS	209	52	25	30	18	17.8	38	2110	2700
RNA 2206 2RS	284	NA 2206 2RS	324	62	30	35	20	19.8	43	2330	3200
RNA 2207 2RS	432	NA 2207 2RS	505	72	35	42	23	22.7	50	3000	4650
RNA 2208 2RS	530	NA 2208 2RS	628	80	40	48	23	22.7	57	3850	5800
RNA 2209 2RS	545	NA 2209 2RS	655	85	45	52	23	22.7	62	4050	6400
RNA 2210 2RS	563	NA 2210 2RS	690	90	50	58	23	22.7	68	4250	7000





YOKE TYPE TRACK ROLLER BEARINGS
Metric Dimensions

NATR Series



Dimension Table of NATR Series

Designation	Weight (g)	Dimensions (mm)				Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
		d	D	C	B		
NATR 5	14.5	5	16	11	12	370	380
NATR 6	20.5	6	19	11	12	430	480
NATR 8	41.5	8	24	14	15	580	600
NATR 10	64.5	10	30	14	15	820	770
NATR 12	71	12	32	14	15	870	860
NATR 15	102	15	35	18	19	1400	1670
NATR 17	149	17	40	20	21	1790	2140
NATR 20	250	20	47	24	25	2340	3130
NATR 25	285	25	52	24	25	2520	3610
NATR 30	470	30	62	28	29	3420	5240
NATR 35	640	35	72	28	29	3640	5850
NATR 40	845	40	80	30	32	4580	8300
NATR 45	915	45	85	30	32	4770	9030
NATR 50	980	50	90	30	32	4960	9750

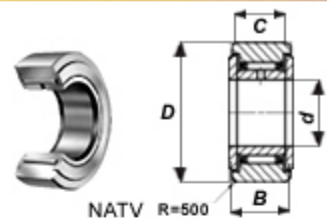




YOKE TYPE TRACK ROLLER BEARINGS

Metric Dimensions

NATV Series



Dimension Table of NATV Series

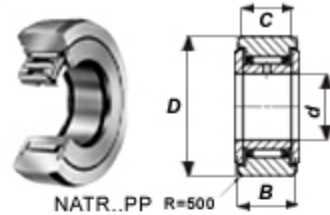
Designation	Weight (g)	Dimensions (mm)				Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
		d	D	C	B		
NATV 5	15.1	5	16	11	12	690	850
NATV 6	21.5	6	19	11	12	780	1050
NATV 8	42.1	8	24	14	15	1200	1590
NATV 10	66.5	10	30	14	15	1590	1840
NATV 12	73	12	32	14	15	1710	2090
NATV 15	106	15	35	18	19	2560	3710
NATV 17	155	17	40	20	21	3270	4720
NATV 20	255	20	47	24	25	4250	6860
NATV 25	295	25	52	24	25	4640	8060
NATV 30	485	30	62	28	29	6110	11300
NATV 35	655	35	72	28	29	6430	12400
NATV 40	865	40	80	30	32	7780	16700
NATV 45	935	45	85	30	32	8190	18500
NATV 50	1010	50	90	30	32	8590	20200





YOKE TYPE TRACK ROLLER BEARINGS
Metric Dimensions

NATR..PP Series



Dimension Table of NATR..PP Series

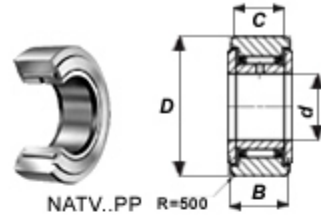
Designation	Weight (g)	Dimensions (mm)				Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
		d	D	C	B		
NATR 5 PP	14.5	5	16	11	12	370	380
NATR 6 PP	20.5	6	19	11	12	430	480
NATR 8 PP	41.5	8	24	14	15	580	600
NATR 10 PP	64.5	10	30	14	15	820	770
NATR 12 PP	71	12	32	14	15	870	860
NATR 15 PP	102	15	35	18	19	1400	1670
NATR 17 PP	149	17	40	20	21	1790	2140
NATR 20 PP	250	20	47	24	25	2340	3130
NATR 25 PP	285	25	52	24	25	2520	3610
NATR 30 PP	470	30	62	28	29	3420	5240
NATR 35 PP	640	35	72	28	29	3640	5850
NATR 40 PP	845	40	80	30	32	4580	8300
NATR 45 PP	915	45	85	30	32	4770	9030
NATR 50 PP	980	50	90	30	32	4960	9750





YOKE TYPE TRACK ROLLER BEARINGS
Metric Dimensions

NATV..PP Series



Dimension Table of NATV..PP Series

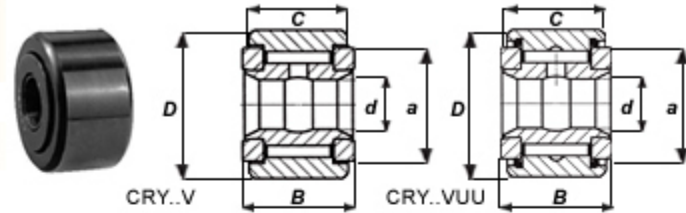
Designation	Weight (g)	Dimensions (mm)				Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
		d	D	C	B		
NATV 5 PP	15.1	5	16	11	12	690	850
NATV 6 PP	21.5	6	19	11	12	780	1050
NATV 8 PP	42.1	8	24	14	15	1200	1590
NATV 10 PP	66.5	10	30	14	15	1590	1840
NATV 12 PP	73	12	32	14	15	1710	2090
NATV 15 PP	106	15	35	18	19	2560	3710
NATV 17 PP	155	17	40	20	21	3270	4720
NATV 20 PP	255	20	47	24	25	4250	6860
NATV 25 PP	295	25	52	24	25	4640	8060
NATV 30 PP	485	30	62	28	29	6110	11300
NATV 35 PP	655	35	72	28	29	6430	12400
NATV 40 PP	865	40	80	30	32	7780	16700
NATV 45 PP	935	45	85	30	32	8190	18500
NATV 50 PP	1010	50	90	30	32	8590	20200





YOKE TYPE TRACK ROLLER BEARINGS
Inch Dimensions

CRY..V & CRY..VUU Series



Dimension Table of CRY..V & CRY..VUU Series

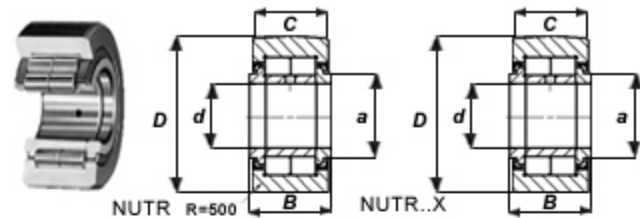
Designation	Designation	Weight (g)	Dimensions mm (inch)					Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
			d	D	B	C	a		
CRY 12 V	CRY 12 VUU	27	6.350 (1/4)	19.050 (3/4)	14.288 (0.5625)	12.700 (1/2)	14.4 (0.567)	8710	12300
CRY 14 V	CRY 14 VUU	36	6.350 (1/4)	22.225 (7/8)	14.288 (0.5625)	12.700 (1/2)	14.4 (0.567)	8710	12300
CRY 16 V	CRY 16 VUU	68	7.938 (5/16)	25.400 (1)	17.463 (0.6875)	15.875 (5/8)	19.6 (0.772)	13100	22700
CRY 18 V	CRY 18 VUU	77	7.938 (5/16)	28.575 (1 1/8)	17.463 (0.6875)	15.875 (5/8)	19.6 (0.772)	13100	22700
CRY 20 V	CRY 20 VUU	109	9.525 (3/8)	31.750 (1 1/4)	20.638 (0.8125)	19.050 (3/4)	25.0 (0.984)	23600	31700
CRY 22 V	CRY 22 VUU	136	9.525 (3/8)	34.925 (1 3/8)	20.638 (0.8125)	19.050 (3/4)	25.0 (0.984)	23600	31700
CRY 24 V	CRY 24 VUU	186	11.112 (7/16)	38.100 (1 1/2)	23.813 (0.9375)	22.225 (7/8)	28.8 (1.134)	28200	40100
CRY 26 V	CRY 26 VUU	227	11.112 (7/16)	41.275 (1.58)	23.813 (0.9375)	22.225 (7/8)	28.8 (1.134)	28200	40100
CRY 28 V	CRY 28 VUU	290	12.700 (1/2)	44.450 (1.3/4)	26.988 (1.0625)	25.400 (1)	32.7 (1.287)	35300	55600
CRY 30 V	CRY 30 VUU	363	12.700 (1/2)	47.625 (1 7/8)	26.988 (1.0625)	25.400 (1)	32.7 (1.287)	35300	55600
CRY 32 V	CRY 32 VUU	476	15.875 (5/8)	50.800 (2)	33.338 (1.3125)	31.750 (1 1/4)	36.0 (1.417)	45700	80600
CRY 36 V	CRY 36 VUU	599	15.875 (5/8)	57.150 (2 1/4)	33.338 (1.3125)	31.750 (1 1/4)	36.0 (1.417)	45700	80600
CRY 40 V	CRY 40 VUU	816	19.050 (3/4)	63.500 (2 1/2)	39.688 (1.5625)	38.100 (1 1/2)	43.3 (1.705)	61400	116000
CRY 44 V	CRY 44 VUU	1020	19.050 (3/4)	69.850 (2 3/4)	39.688 (1.5625)	38.100 (1 1/2)	43.3 (1.705)	61400	116000
CRY 48 V	CRY 48 VUU	1410	25.400 (1)	76.200 (3)	46.038 (1.8125)	44.450 (1.3/4)	54.0 (2.125)	77600	172000
CRY 52 V	CRY 52 VUU	1640	25.400 (1)	82.550 (3 1/4)	46.038 (1.8125)	44.450 (1.3/4)	54.0 (2.125)	77600	172000
CRY 56 V	CRY 56 VUU	2250	28.575 (1 1/8)	88.900 (3 1/2)	52.388 (2.0625)	50.800 (2)	61.9 (2.437)	111000	239000
CRY 64 V	CRY 64 VUU	3200	31.750 (1 1/4)	101.600 (4)	58.738 (2.3125)	57.150 (2 1/4)	71.0 (2.437)	142000	317000





YOKE TYPE TRACK ROLLER BEARINGS
Metric Dimensions

NUTR & NUTR..X Series



Dimension Table of NUTR & NUTR..X Series

Designation (Crowned outer Race)	Designation (Cylindrical outer Race)	Weight (g)	Dimensions (mm)					Basic Dynamic Load Rating (kgf)	Basic Static Load Rating (kgf)
			d	D	B	C	a		
NUTR 15	NUTR 15 X	100	15	35	19	18	20	2350	2760
NUTR 1542	NUTR 1542 X	160	15	42	19	18	20	2350	2760
NUTR 17	NUTR 17 X	147	17	40	21	20	22	2530	3160
NUTR 1747	NUTR 1747 X	222	17	47	21	20	22	2530	3160
NUTR 20	NUTR 20 X	245	20	47	25	24	27	3980	5100
NUTR 2052	NUTR 2052 X	321	20	52	25	24	27	3980	5100
NUTR 25	NUTR 25 X	281	25	52	25	24	31	4440	6120
NUTR 2562	NUTR 2562 X	450	25	62	25	24	31	4440	6120
NUTR 30	NUTR 30 X	466	30	62	29	28	38	6020	8060
NUTR 3072	NUTR 3072 X	697	30	72	29	28	38	6020	8060
NUTR 35	NUTR 35 X	630	35	72	29	28	44	6630	9490
NUTR 3580	NUTR 3580 X	840	35	80	29	28	44	6630	9490
NUTR 40	NUTR 40 X	817	40	80	32	30	49	9180	13670
NUTR 4090	NUTR 4090 X	1130	40	90	32	30	49	9180	13670
NUTR 45	NUTR 45 X	883	45	85	32	30	53	9690	15000
NUTR 45100	NUTR 45100 X	1400	45	100	32	30	53	9690	15000
NUTR 50	NUTR 50 X	950	50	90	32	30	58	10200	16430
NUTR 50110	NUTR 50110 X	1690	50	110	32	30	58	10200	16430

