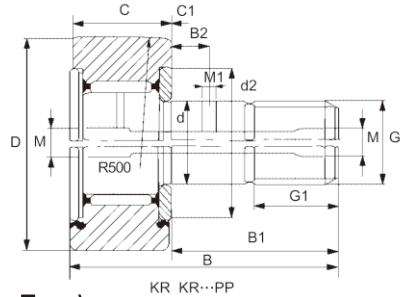
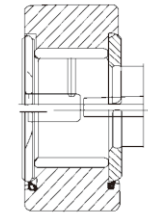


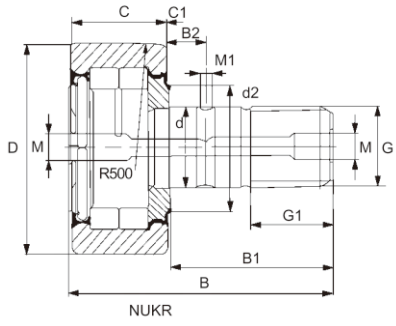
KR KR···PP



KRV···PP

Stud Type Track Roller (Roller Type)

Shaft Diameter	Bearing Code		Boundary Dimensions								
	Without eccentric collar	With eccentric collar	D	d	C	ra	B	B1	B2	G	G1
mm			mm						min	mm	min
16	KR 16	KRE 16	16	6	11	0.15	28	16		M6	8
	KR 16 PP	KRE 16 PP	16	6	11	0.15	28	16		M6	8
	KRV 16	KRVE 16	16	6	11	0.15	28	16		M6	8
	KRV 16 PP	KRVE16 PP	16	6	11	0.15	28	16		M6	8
19	KR 19	KRE 19	19	8	11	0.15	32	20		M8	10
	KR 19 PP	KRE 19 PP	19	8	11	0.15	32	20		M8	10
	KRV 19	KRVE19	19	8	11	0.15	32	20		M8	10
	KRV 19 PP	KRVE19 PP	19	8	11	0.15	32	20		M8	10
22	KR 22	KRE 22	22	10	12	0.3	36	23		M 10x1	12
	KR 22 PP	KRE 22 PP	22	10	12	0.3	36	23		M 10x1	12
	KRV 22	KRVE22	22	10	12	0.3	36	23		M 10x1	12
	KRV 22PP	KRVE 22PP	22	10	12	0.3	36	23		M 10x1	12
26	KR 26	KRE 26	26	10	12	0.3	36	23		M 10x1	12
	KR 26 PP	KRE 26 PP	26	10	12	0.3	36	23		M 10x1	12
	KRV 26	KRVE26	26	10	12	0.3	36	23		M 10x1	12
	KR V 26 PP	KRVE26 PP	26	10	12	0.3	36	23		M 10x1	12
30	KR 30	KRE 30	30	12	14	0.6	40	25	6	M 12x1.5	13
	KR 30 PP	KRE 30 PP	30	12	14	0.6	40	25	6	M 12x1.5	13
	KRV 30	KRVE 30	30	12	14	0.6	40	25	6	M 12x1.5	13
	KRV 30 PP	KRVE30 PP	30	12	14	0.6	40	25	6	M 12x1.5	13
32	KR 32	KRE 32	32	12	14	0.6	40	25	6	M 12x1.5	13
	KR 32 PP	KRE 32 PP	32	12	14	0.6	40	25	6	M 12x1.5	13
	KRV 32	KRVE 32	32	12	14	0.6	40	25	6	M 12x1.5	13
	KRV 32 PP	KRVE32 PP	32	12	14	0.6	40	25	6	M 12x1.5	13
35	KR 35	KRE 35	35	16	18	0.6	52	32.5	8	M 16x1.5	17
	KR 35 PP	KRE 35 PP	35	16	18	0.6	52	32.5	8	M 16x1.5	17
	KRV 35	KRVE 35	35	16	18	0.6	52	32.5	8	M 16x1.5	17
	KRV 35 PP	KRVE35 PP	35	16	18	0.6	52	32.5	8	M 16x1.5	17
	NUKR 35	NUKRE 35	35	16	18	0.6	52	32.5	8	M 16x1.5	17
40	KR 40	KRE 40	40	18	20	1	58	36.5	8	M 18x1.5	19
	KR 40 PP	KRE 40 PP	40	18	20	1	58	36.5	8	M 18x1.5	19
	KRV 40	KRVE 40	40	18	20	1	58	36.5	8	M 18x1.5	19
	KRV 40 PP	KRVE40 PP	40	18	20	1	58	36.5	8	M 18x1.5	19
	NUKR 40	NUKRE 40	40	18	20	1	58	36.5	8	M 18x1.5	19
47	KR 47	KRE 47	47	20	24	1	66	40.5	9	M 20x1.5	21
	KR 47 PP	KRE 47 PP	47	20	24	1	66	40.5	9	M 20x1.5	21
	KRV 47	KRVE 47	47	20	24	1	66	40.5	9	M 20x1.5	21



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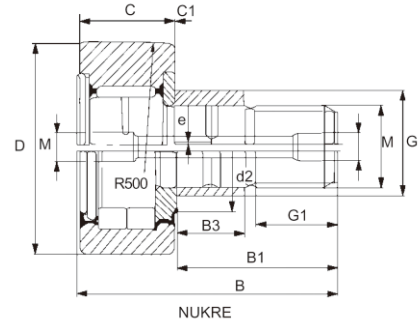
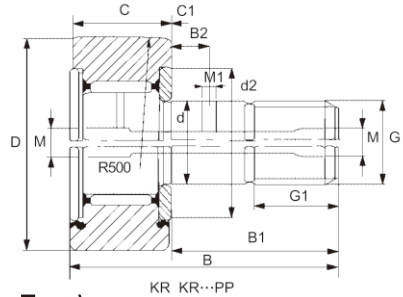
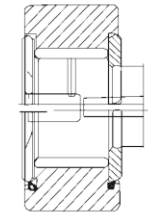


NUKRE

Boundary Dimensions							Nut Tightening Torque M_A	Basic Load Rating				Limiting speed
M	M1	C1	d2	d1	B3	e		C_r	C_{or}	C_w	C_{ow}	
mm							Nm	N				
	4	0.6	12	9	7	0.5	3	3800	3750	3150	3300	22000
	4	0.6	12	9	7	0.5	3	3800	3750	3150	3300	16000
	4	0.6	12	9	7	0.5	3	6400	8500	4850	6500	8500
	4	0.6	12	9	7	0.5	3	6400	8500	4850	6500	8500
	4	0.6	14	11	9	0.5	8	4250	4600	3500	3900	20000
	4	0.6	14	11	9	0.5	8	4250	4600	3500	3900	14000
	4	0.6	14	11	9	0.5	8	7300	10800	5500	7900	7000
	4	0.6	14	11	9	0.5	8	7300	10800	5500	7900	7000
	4	0.6	17	13	10	0.5	15	5700	6500	4450	5200	16000
	4	0.6	17	13	10	0.5	15	5700	6500	4450	5200	11000
	4	0.6	17	13	10	0.5	15	8600	12900	6300	9100	6000
	4	0.6	17	13	10	0.5	15	8600	12900	6300	9100	6000
	4	0.6	17	13	10	0.5	15	5700	6500	5100	6200	16000
	4	0.6	17	13	10	0.5	15	5700	6500	5100	6200	11000
	4	0.6	17	13	10	0.5	15	8600	12900	7300	11300	6000
	4	0.6	17	13	10	0.5	15	8600	12900	7300	11300	6000
3	6	0.6	23	15	11	0.5	22	8100	9700	6800	8400	11000
3	6	0.6	23	15	11	0.5	22	8100	9700	6800	8400	8300
3	6	0.6	23	15	11	0.5	22	12200	19000	9500	14600	4500
3	6	0.6	23	15	11	0.5	22	12200	19000	9500	14600	4500
3	6	0.6	23	15	11	0.5	22	8100	9700	7100	9000	11000
3	6	0.6	23	15	11	0.5	22	8100	9700	7100	9000	8300
3	6	0.6	23	15	11	0.5	22	12200	19000	10000	15800	4500
3	6	0.6	23	15	11	0.5	22	12200	19000	10000	15800	4500
3	6	0.8	27	20	14	1	58	12900	19000	9700	14100	7000
3	6	0.8	27	20	14	1	58	12900	19000	9700	14100	7000
3	6	0.8	27	20	14	1	58	18300	35000	12800	23000	3400
3	6	0.8	27	20	14	1	58	18300	35000	12800	23000	3400
3	6	0.8	27	20	14	1	58	23000	27000	16000	18300	6500
3	6	0.8	32	22	16	1	87	14200	20400	10900	15500	6000
3	6	0.8	32	22	16	1	87	14200	20400	10900	15500	6000
3	6	0.8	32	22	16	1	87	21000	39500	14800	26500	2900
3	6	0.8	32	22	16	1	87	21000	39500	14800	26500	2900
3	6	0.8	32	24	18	1	87	24800	31000	18500	22800	5500
4	8	0.8	37	24	18	1	120	19500	32000	15500	25500	4900
4	8	0.8	37	24	18	1	120	19500	32000	15500	25500	4900
4	8	0.8	37	24	18	1	120	28000	59000	20600	42000	2600

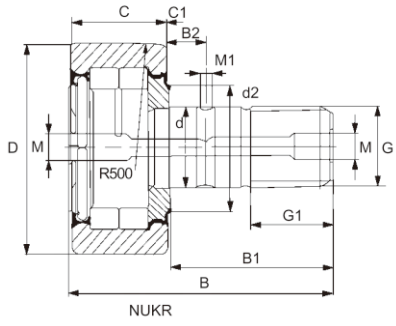


KR KR···PP

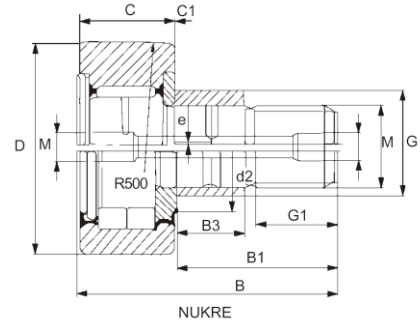

KRV···PP

Stud Type Track Roller (Roller Type)

Shaft Diameter	Bearing Code		Boundary Dimensions								
	Without eccentric collar	With eccentric collar	D	d	C	ra	B	B1	B2	G	G1
mm							mm		min	mm	min
	KRV 47 PP	KRVE47 PP	47	20	24	1	66	40.5	9	M 20x1.5	21
	NUKR 47	NUKRE 47	47	20	24	1	66	40.5	9	M 20 x1.5	21
52	KR 52	KRE 52	52	20	24	1	66	40.5	9	M 20x1.5	21
	KR 52 PP	KRE 52PP	52	20	24	1	66	40.5	9	M 20x1.5	21
	KRV 52	KRVE 52	52	20	24	1	66	40.5	9	M 20x1.5	21
	KRV 52 PP	KRVE 52PP	52	20	24	1	66	40.5	9	M 20x1.5	21
	NUKR 52	NUKRE 52	52	20	24	1	66	40.5	9	M 20x1.5	21
62	KR 62	KRE 62	62	24	29	1	80	49.5	11	M 24x1.5	25
	KR 62 PP	KRE 62 PP	62	24	29	1	80	49.5	11	M 24x1.5	25
	KRV 62	KRVE 62	62	24	29	1	80	49.5	11	M 24x1.5	25
	KRV 62 PP	KRVE 62PP	62	24	29	1	80	49.5	11	M 24x1.5	25
	NUKR 62	NUKRE 62	62	24	29	1	80	49.5	11	M 24x1.5	25
72	KR 72	KRE 72	72	24	29	1.1	80	49.5	11	M 24x1.5	25
	KR 72 PP	KRE 72 PP	72	24	29	1.1	80	49.5	11	M 24x1.5	25
	KRV 72	KRVE 72	72	24	29	1.1	80	49.5	11	M 24x1.5	25
	KR V 72 PP	KRVE72 PP	72	24	29	1.1	80	49.5	11	M 24x1.5	25
	NUKR 72	NUKRE 72	72	24	29	1.1	80	49.5	11	M 24x1.5	25
80	KRV 80	KRE 80	80	30	35	1.1	100	63	15	M 30x1.5	32
	KR 80 PP	KRE 80 PP	80	30	35	1.1	100	63	15	M 30x1.5	32
	KRV 80	KRVE 80	80	30	35	1.1	100	63	15	M 30x1.5	32
	KRV 80 PP	KRVE80 PP	80	30	35	1.1	100	63	15	M 30x1.5	32
	NUKR 80	NUKRE 80	80	30	35	1.1	100	63	15	M 30x1.5	32
85	KR 85	KRE 85	85	30	35	1.1	100	63	15	M 30x1.5	32
	KR 85 PP	KRE 85 PP	85	30	35	1.1	100	63	15	M 30x1.5	32
90	KR90	KRE 90	90	30	35	1.1	100	63	15	M 30x1.5	32
	KR 90 PP	KRE 90 PP	90	30	35	1.1	100	63	15	M 30x1.5	32
	KRV 90	KRVE 90	90	30	35	1.1	100	63	15	M 30x1.5	32
	KRV 90 PP	KRVE90 PP	90	30	35	1.1	100	63	15	M 30x1.5	32
	NUKR 90	NUKRE 90	90	30	35	1.1	100	63	15	M 30x1.5	32

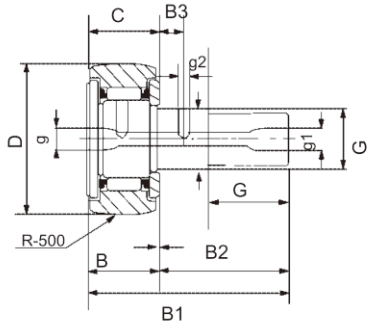


NUKR



NUKRE

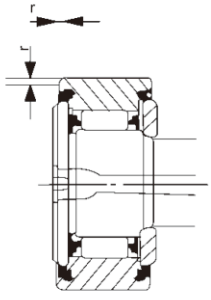
Boundary Dimensions							Nut Tightening Torque MA	Basic Load Rating				Limiting speed
M	M1	C1	d2	d1	B3	e		Cr	Cor	Cw	Cow	
mm							Nm	N				
4	8	0.8	37	24	18	1	120	28000	59000	20600	42000	2600
4	8	0.8	37	24	18	1	120	39000	50000	28000	34500	4200
8	4	0.8	37	24	18	1	120	19500	32000	16800	38500	4900
8	4	0.8	37	24	18	1	120	19500	32000	16800	28500	4900
8	4	0.8	37	24	18	1	120	28000	59000	22500	48000	2600
8	4	0.8	37	24	18	1	120	28000	59000	22500	48000	2600
8	4	0.8	31	24	18	1	120	43500	60000	29000	37500	3400
8	4	0.8	44	28	22	1	220	30500	53000	26500	47500	3800
8	4	0.8	44	28	22	1	220	30500	53000	26500	47500	3800
8	4	0.8	44	28	22	1	220	41500	91000	34000	76000	2200
8	4	0.8	44	28	22	1	220	41500	91000	34000	76000	2200
8	4	0.8	38	28	22	1	220	59000	79000	40500	51000	2600
8	4	0.8	44	28	22	1	220	30500	53000	28000	53000	3800
8	4	0.8	44	28	22	1	220	30500	53000	28000	53000	3800
8	4	0.8	44	28	22	1	220	41500	91000	37000	85000	2200
8	4	0.8	44	28	22	1	220	41500	91000	37000	85000	2200
8	4	0.8	44	28	22	1	220	65000	93000	45000	61000	2100
8	4	1	53	35	29	1.5	450	45000	85000	39500	77000	2600
8	4	1	53	35	29	1.5	450	45000	85000	39500	77000	2600
8	4	1	53	35	29	1.5	450	60000	142000	49500	120000	1700
8	4	1	53	35	29	1.5	450	60000	142000	49500	120000	1700
8	4	1	47	35	29	1.5	450	95000	133000	67000	93000	1800
8	4	1	53	35	29	1.5	450	45000	85000	40500	80000	2600
8	4	1	53	35	29	1.5	450	45000	85000	40500	80000	2600
8	4	1	53	35	29	1.5	450	45000	85000	41500	83000	2600
8	4	1	53	35	29	1.5	450	45000	85000	41500	83000	2600
8	4	1	53	35	29	1.5	450	60000	142000	53000	130000	1700
8	4	1	53	35	29	1.5	450	60000	142000	53000	130000	1700
8	4	1	47	35	29	1.5	450	95000	133000	77000	110000	1800



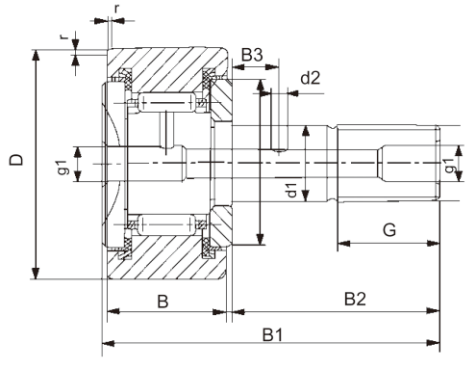
CF R

Stud Type Track Roller (Roller Type)

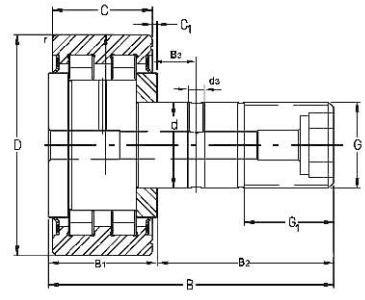
Stud dia	Bearing Code				Mass	Boundary Dimensions					
	Without eccentric collar	With cylindrical outer ring	Without eccentric collar	With cylindrical outer ring		D	C	d1	G	G1	B
mm					g	mm					
6	CF 6 R	CF 6	CF 6 UUR	CF 6 UU	18.5	16	11	6	M6x1	8(9)	12.2max(12)
8	CF 8 R	CF 8	CF 8 UUR	CF 8 UU	28.5	19	11	8	M8x1.25	10(11)	12.2max(12)
10	CF 10 R	CF 10	CF 10 UUR	CF 10 UU	45	22	12	10	M10x1.25	12(13)	13.2max(13)
	CF 10–1 R	CF 10–1	CF 10–1 UUR	CF 10–1 UU	60	26	12	10	M10x1.25	12(13)	13.2max(13)
12	CF 12 R	CF 12	CF 12 UUR	CF 12 UU	95	30	14	12	M12x1.5	13(14)	15.2max(15)
	CF 12–1 R	CF 12–1	CF 12–1 UUR	CF 12–1 UU	105	32	14	12	M12x1.5	13(14)	15.2max(15)
16	CF 16 R	CF 16	CF 16 UUR	CF 16 UU	170	35	18	16	M16x1.5	17(18)	19.6max(19.5)
18	CF 18 R	CF 18	CF 18 UUR	CF 18 UU	250	40	20	18	M18x1.5	19(20)	21.6max(21.5)
20	CF 20 R	CF 20	CF 20 UUR	CF 20 UU	460	52	24	20	M20x1.5	21(22)	25.6max(25.5)
	CF 20–1 R	CF 20–1	CF 20–1 UUR	CF 20–1 UU	385	47	24	20	M20x1.5	21(22)	25.6max(25.5)
24	CF 24 R	CF 24	CF 24 UUR	CF 24 UU	815	62	29	24	M24x1.5	25	30.6max(30.5)
	CF 24–1 R	CF 24–1	CF 24–1 UUR	CF 24–1 UU	1140	72	29	24	M24x1.5	25	30.6max(30.5)
30	CF 30 R	CF 30	CF 30 UUR	CF 30 UU	1870	80	35	30	M30x1.5	32	37max(37)
	CF 30–1 R	CF 30–1	CF 30–1 UUR	CF 30–1 UU	2030	85	35	30	M30x1.5	32	37max(37)
	CF 30–2 R	CF 30–2	CF 30–2 UUR	CF 30–2 UU	2220	90	35	30	M30x1.5	32	37max(37)



CF···UU



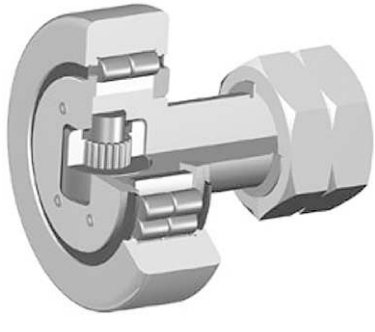
Boundary Dimensions							Mounting dimension	Maximum tightening	Basic Load Rating		Maximum
B1	B2	B3	C1	g1	g2	rsmin	f Min.	torque	C	Co	allowable load
mm							mm	Kgf.m	kgf		kgf
28.2max(28)	16		0.6(0.5)	4		0.3	11	0.3	370	370	200
32.2max(32)	20		0.6(0.5)	4		0.3	13	0.8	430	480	470
36.2max(36)	23		0.6(0.5)	4		0.3(0.6)	16(15)	1.2	550	700	700
36.2max(36)	23		0.6(0.5)	4		0.3(0.6)	16(15)	1.2	550	700	700
40.2max(42)	25	6	0.6(0.5)	6	3	0.6(1)	21	2.2	810	1000	1000
40.2max(42)	25	6	0.6(0.5)	6	3	0.6(1)	21	2.2	810	1000	1000
52.1max(52)	32.5	8	0.8	6	3	0.6(1)	26(25)	5.8	1230	1870	1870
58.1max(58)	36.5	8	0.8	6	3	1	29	8.5	1500	2570	2570
66.1max(66)	40.5	(10)9	0.8	8	4	1	34(37)	12	2110	3530	3280
66.1max(66)	40.5	(12)9	0.8	8	4	1	34(37)	12	2110	3530	3280
80.1max(80)	49.5	(12)11	0.8	8	4	1	40	22	3110	5370	4550
80.1max(80)	49.5	(12)	0.8	8	4	1	40	22	3110	5370	4550
100max(100)	63	15	1	8	4	1(1.5)	49(47)	46	4630	8680	7510
100max(100)	63	15	1	8	4	1(1.5)	49(47)	46	4630	8680	7510
100max(100)	63	15	1	8	4	1(1.5)	49(47)	46	4630	8680	7510

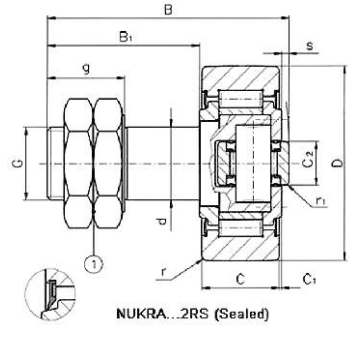


PWKR...2RS

Stud Type Track Roller (Roller Type)

Bearing Code		Boundary Dimensions							
Without eccentric collar	With eccentric collar	d_1	D	B	B_{1max}	B_2	B_3	C	C_1
		mm							
PWKR35–2RS	PWKRE35–2RS	16	35	52	19.6	32.5	7.8	18	0.8
PWKR40–2RS	PWKRE40–2RS	18	40	58	21.6	36.5	8	20	0.8
PWKR47–2RS	PWKRE47–2RS	20	47	66	25.6	40.5	9	24	0.8
PWKR52–2RS	PWKRE52–2RS	20	52	66	25.6	40.5	9	24	0.8
PWKR62–2RS	PWKRE62–2RS	24	62	80	30.6	49.5	11	28	1.3
PWKR72–2RS	PWKRE72–2RS	24	72	80	30.6	49.5	11	28	1.3
PWKR80–2RS	PWKRE80–2RS	30	80	100	37	63	15	35	1
PWKR90–2RS	PWKRE90–2RS	30	90	100	37	63	15	35	1

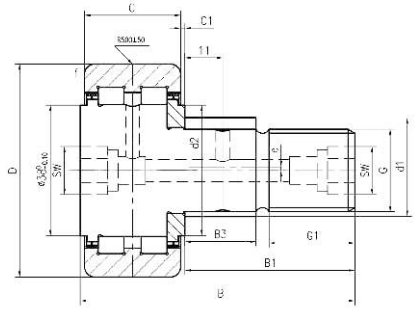




NUKRA...2RS (Sealed)

"NUKRA" Combined Stud Type Track Rollers

Bearing Code	Boundary Dimensions							
	d	D	C	B	B_1	C_2	C_1	s
	mm							
NUKRA52–2RS	20	52	22	66	40.5	13	0,8	2
NUKRA62–2RS	24	62	26	80	49.5	15	1	2.5
NUKRA72–2RS	24	72	26	80	49.5	15	1	2.5
NUKRA80–2RS	30	80	32	100	63	18	1	3
NUKRA90–2RS	30	90	32	100	63	18	1	2



PWKRE...2RS

Boundary Dimensions								Basic Load Rating		Limiting speed
d_2	d_3	G	G_1	W	d_e	B_e	e	C_{rw}	C_{orw}	
mm								N		rpm
20	3	M16X1.5	17	8	20	12	1	11900	14600	6000
22	3	M18X1.5	19	8	22	14	1	13600	17200	5000
27	4	M20X1.5	21	10	24	18	1	23800	30500	3800
31	4	M20X1.5	21	10	24	18	1	24600	33000	3800
38	4	M24X1.5	25	14	28	22	1	34000	45500	2200
44	4	M24X1.5	25	14	28	22	1	38000	54000	2200
47	4	M30X1.5	32	14	35	29	1.5	55000	79000	1800
47	4	M30X1.5	32	14	35	29	1.5	62000	90000	1800

Boundary Dimensions				Basic Load Rating				Mass	Reference Index
r	r_1	G	g	C	C_o	C_a	C_{oa}		
mm				KN				kg	Italy
1,5	1	M20X1.5	21	28	36	2.9	2.7	0.55	CFA52–2RS
1,5	1	M24X1.5	25	39	50	6.4	8.5	0.95	CFA62–2RS
2	1	M24X1.5	25	44	61	6.4	8.5	1.15	CFA72–2RS
2	1,5	M30X1.5	32	65	61	10	9.9	1.6	CFA80–2RS
2	1,5	M30X1.5	32	74	105	10.5	10.6	1.9	CFA90–2RS