



Cuscinetti a due/quattro corone di rulli cilindrici

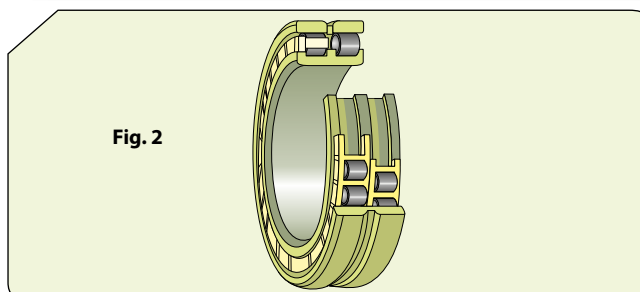
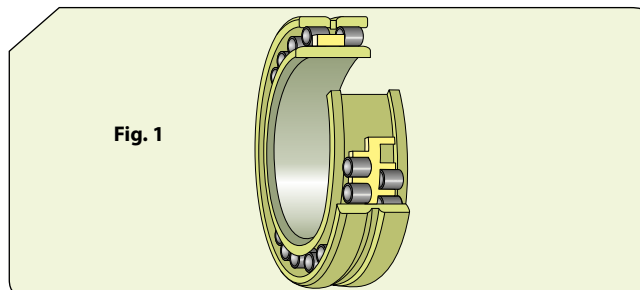
Cylindrical roller bearings, double/four row



CUSCINETTI A DUE/QUATTRO CORONE DI RULLI CILINDRICI

Cuscinetti a due corone di rulli cilindrici

I cuscinetti a due corone di rulli cilindrici sono di due tipi: NNU (**Fig. 1**) ed NN (**Fig. 2**).



I rulli dei cuscinetti di forma NNU sono guidati fra gli orletti dell'anello esterno mentre quelli dei cuscinetti NN sono guidati fra gli orletti dell'anello interno.

L'altro anello è privo di orletti; questi cuscinetti consentono quindi, entro determinati limiti, spostamenti assiali dell'albero rispetto all'alloggiamento.

Essi sono scomponibili, ossia l'anello con gli orletti, i rulli e la gabbia possono essere sfilati dall'altro anello e venire montati separatamente. Il loro montaggio è quindi relativamente semplice.

I cuscinetti a due corone di rulli cilindrici generalmente hanno un piccolo ingombro radiale, una forte capacità di carico e un ridotto cedimento elastico. Le soluzioni costruttive realizzate con questi cuscinetti possono sopportare forti carichi e sono molto rigide. Questi cuscinetti vengono quindi impiegati principalmente nelle macchine utensili e nei laminatoi, ma vengono anche montati nei grossi riduttori industriali.

I cuscinetti a due corone di rulli cilindrici possono essere forniti con foro cilindrico o conico (conicità 1:12). Per consentire di ottenere più facilmente un'efficace lubrificazione, praticamente tutti i cuscinetti sono dotati di una scanalatura anulare e tre o sei fori di lubrificazione sull'anello esterno.

Cuscinetti a quattro corone di rulli cilindrici

I cuscinetti a quattro corone di rulli cilindrici (**Fig. 3**) vengono montati quasi esclusivamente nei laminatoi. Essi hanno un attrito inferiore a quello di altri cuscinetti a rulli e possono venire usati con successo quando è necessario un funzionamento a velocità elevata.

TWO / FOUR ROWS CYLINDRICAL ROLLER BEARINGS

Two-rows cylindrical roller bearings

There are two types of double-row cylindrical roller bearings: NNU (**Fig. 1**) and NN (**Fig. 2**).

The rollers of the NNU bearings are guided between the edges of the outer ring, while those of the NN bearings are guided between the edges of the inner ring.

The other ring has no edges; these bearings therefore allow, within certain limits, axial displacements of the shaft with respect to the housing.

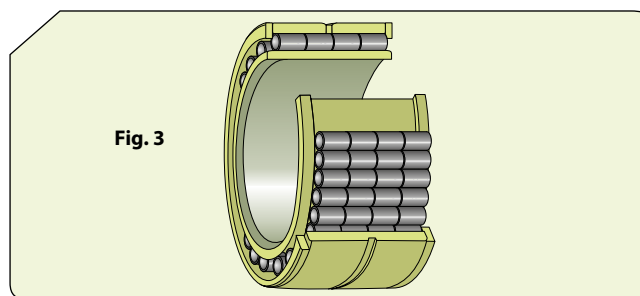
They can be dismantled, i.e. the ring with the edges, the rollers and the cage can be removed from the other ring and be mounted separately. Their assembly is therefore relatively simple.

Double-row cylindrical roller bearings generally have a small radial footprint, strong load carrying capacity and low spring failure. The construction solutions made with these bearings can withstand heavy loads and are very rigid. Therefore, these bearings are mainly used in machine tools and rolling mills, but are also mounted in large industrial gearboxes.

Double-row cylindrical roller bearings can be supplied with cylindrical or tapered bore (taper 1:12). To allow you to more easily obtain effective lubrication, virtually all bearings are equipped with an annular groove and three or six lubrication holes on the outer ring.

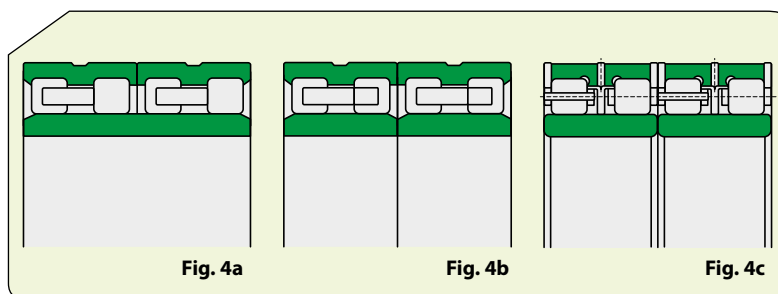
Four-row cylindrical roller bearings

Four-row cylindrical roller bearings (**Fig. 3**) are installed almost exclusively in rolling mills. They have lower friction than other roller bearings and can be used successfully when high speed operation is required.



Vengono forniti nelle esecuzioni FC (**Fig. 4a**), FCP (**Fig. 4b**) e FCDP (**Fig. 4c**).

They are supplied in the versions FC (**Fig. 4a**), FCP (**Fig. 4b**) and FCDP (**Fig. 4c**).



Nei cuscinetti a quattro corone di rulli cilindrici i rulli sono guidati sull'anello esterno fra orletti integrali o non integrali.

L'anello interno è privo di orletti; il cuscinetto può quindi far fronte, entro determinati limiti, a spostamenti assiali dell'albero rispetto all'alloggiamento.

A seconda dell'applicazione, i cuscinetti a quattro corone di rulli cilindrici possono essere forniti con foro cilindrico o conico.

Gli anelli interni ed esterni possono essere in un solo pezzo o in più pezzi.

Dimensioni

Le dimensioni dei cuscinetti ISB ad una corona di rulli cilindrici sono conformi alla norma ISO 15. I diametri esterno ed interno di molti dei cuscinetti a quattro corone di rulli cilindrici corrispondono ai valori standardizzati per le Serie diametrali 9 o 0.

Tolleranze

Tutti i cuscinetti a due corone di rulli cilindrici con designazione NN sono costruiti secondo le classi di precisione normale; quelli con designazione NNU hanno una precisione dimensionale conforme alla classe P6 e una precisione di funzionamento corrispondente alla classe P5.

I cuscinetti a quattro corone di rulli cilindrici con foro cilindrico o conico hanno una precisione dimensionale corrispondente alla classe P6 e una precisione di funzionamento conforme alla classe P5.

Gioco

I cuscinetti a due corone di rulli cilindrici su richiesta possono essere forniti con gioco radiale C1 per applicazioni su macchine utensili mentre quelli della classe di precisione SP, specialmente quelli della serie NNU 49, possono essere forniti anche con gioco radiale maggiorato, generalmente quello C3, necessario per le applicazioni nei laminatoi.

In four-row cylindrical roller bearings, the rollers are guided on the outer ring between integral or non-integral flanges.

The inner ring is devoid of edges; the bearing can therefore cope with shaft axial displacements, within certain limits, with respect to the housing.

Depending on the application, four-row cylindrical roller bearings can be supplied with cylindrical or tapered bore.

The inner and outer rings can be in one piece or in several pieces.

Dimensions

The dimensions of ISB single row cylindrical roller bearings comply with ISO 15 standard.

The outer and inner diameters of many of the four-row cylindrical roller bearings correspond to the values standardized for diameter series 9 or 0.

Tolerances

All double-row cylindrical roller bearings with NN designation are built to normal accuracy classes; those with NNU designation have a dimensional accuracy in accordance with class P6 and an operating accuracy corresponding to class P5.

Four-row cylindrical roller bearings with cylindrical or tapered bore have dimensional accuracy corresponding to class P6 and an operating accuracy conforming to class P5.

Clearance

Upon request, double row cylindrical roller bearings can be supplied with radial clearance C1 for applications on tool machineries while those with precision class SP, especially the NNU 49 series, can also be supplied with increased radial clearance, generally C3, required for rolling mill applications.

More generally, four-row cylindrical roller bearings

Più in generale i cuscinetti a quattro corone di rulli cilindrici con foro cilindrico e foro conico possono essere forniti con giuoco radiale C3 o C4 in funzione delle esigenze specifiche dell'applicazione.

Alla luce di quanto sopra, gli anelli di questi cuscinetti non devono essere scambiati fra di loro, altrimenti il giuoco può variare fino a valori differenti da quelli ottenuti in fase di definizione della coppia di anelli costituenti il cuscinetto originario.

Disallineamento

I cuscinetti a due e quattro corone di rulli cilindrici non sono progettati per far fronte ad alcun disallineamento.

Temperatura di funzionamento

Sottoposti a speciali trattamenti termici, se muniti di gabbia in acciaio o di ottone i cuscinetti a due o quattro corone di rulli cilindrici possono essere impiegati a temperature massime fino a + 150°C; nel caso in cui sia prevista una gabbia in poliammide 6.6 si raggiunge una temperatura di esercizio massima di + 120°C.

Gabbie

I cuscinetti a due corone di rulli cilindrici sono generalmente dotati o di una gabbia in un sol pezzo, massiccia, d'ottone a doppio pettine, oppure di due gabbie separate, a pettine, in poliammide 6,6 rinforzata con fibre di vetro (suffisso TN9).

Alcuni cuscinetti hanno due gabbie d'acciaio del tipo chiodato.

I cuscinetti a quattro corone di rulli cilindrici montano due gabbie massicce d'ottone o d'acciaio a doppio pettine, oppure quattro gabbie d'acciaio del tipo a perni.

Appellativi supplementari

C2	Giuoco interno radiale inferiore al normale
C3	Giuoco interno radiale maggiore del normale
C4	Giuoco interno radiale maggiore di C3
J	Gabbia stampata in lamiera d'acciaio
K	Foro conico, conicità 1:12
M	Gabbia massiccia in ottone in due parti, centrata sui rulli
MA	Gabbia massiccia in ottone in due parti centrata sull'anello esterno
MB	Gabbia massiccia in ottone in due parti centrata sull'anello interno
N	Scanalatura per anello di ancoraggio nel diametro esterno dell'anello esterno
NR	Scanalatura e idoneo anello di ancoraggio sull'anello esterno
P	Gabbia stampata ad iniezione, in poliammide 6.6 rinforzata con fibre di vetro
W33	Scanalatura circonferenziale e tre fori di lubrificazione sull'anello esterno
K30	Foro conico, conicità 1:30
TN9	Gabbia stampata ad iniezione, a scatto, in poliammide 6.6 rinforzata con fibre di vetro centrata sulle sfere

with cylindrical bore and tapered bore can be supplied with radial clearance C3 or C4 depending on the specific needs of the application.

For what above, the rings of these bearings must not be interchanged, otherwise the clearance may vary up to values different from those obtained when defining the pair of rings making up the original bearing.

Misalignment

Double and four-row cylindrical roller bearings are not designed to cope with any misalignment.

Operating temperature

Subjected to special heat treatments, if equipped with a steel or brass cage, the two or four-row cylindrical roller bearings can be used at maximum temperatures up to + 150°C; in case of a polyamide 6.6 cage, a maximum operating temperature of + 120 °C may be reached.

Cages

Double-row cylindrical roller bearings are generally equipped with either a one-piece, solid, double-row brass cage, or two separate, comb-type, glass-fiber reinforced polyamide 6.6 cages (suffix TN9).

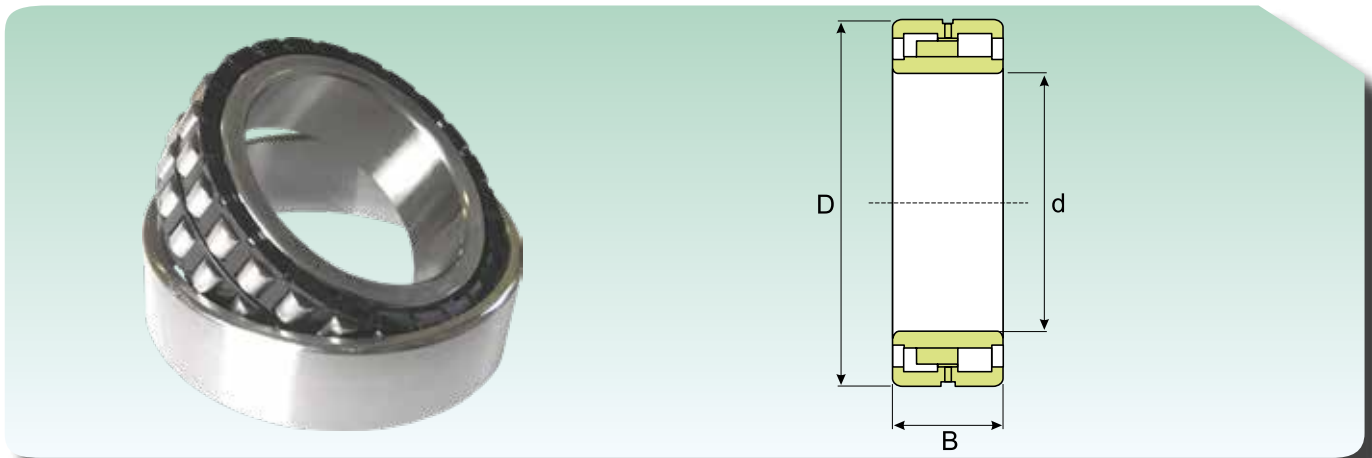
Some bearings have two steel cages of the riveted type.

The four-row cylindrical roller bearings mount two solid brass or steel double-comb cages, or four pin-type steel cages.

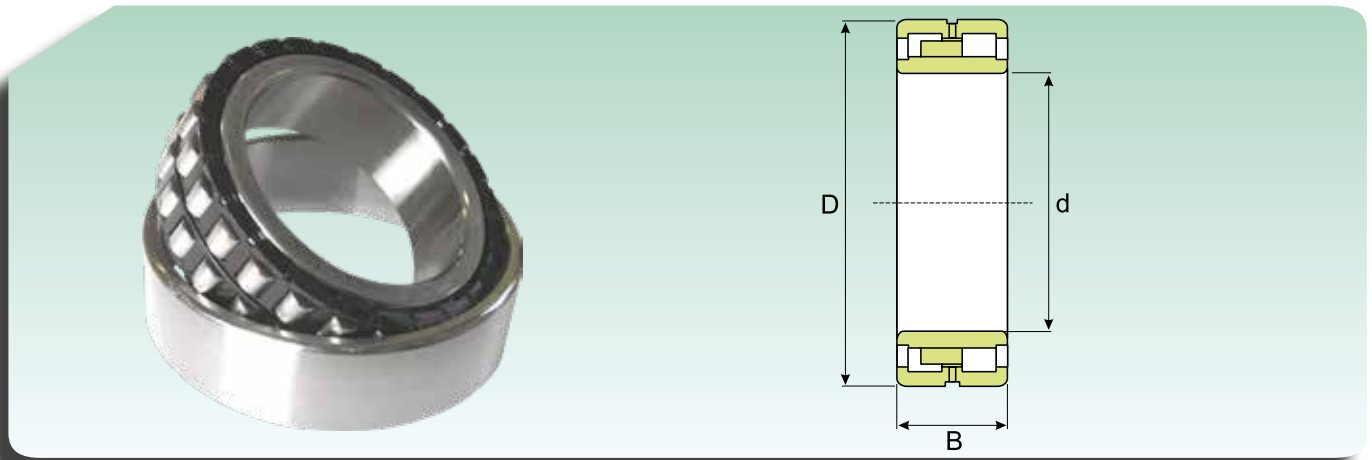
Additional suffixes

C2	Internal radial clearance less than Normal
C3	Internal radial clearance greater than Normal
C4	Internal radial clearance greater than C3
J	Steel sheet molded cage
K	Tapered bore, taper 1:12
M	Solid brass cage in two parts, centered on the rollers
MA	Solid brass cage in two parts centered on the outer ring
MB	Solid brass cage in two parts centered on the inner ring
N	Groove for snapping in the outer diameter of the outer ring
NR	Groove and suitable snap ring on the outer ring
P	Injection molded cage in polyamide 6.6, reinforced with glass fibers
W33	Circumferential groove and three lubrication holes on the outer ring
K30	Tapered bore, taper 1:30
TN9	Injection molded, snap-in cage in polyamide 6.6, reinforced with glass fibers, balls-centered

CUSCINETTI A RULLI CILINDRICI, A DUE CORONE
CYLINDRICAL ROLLER BEARINGS, DOUBLE ROW

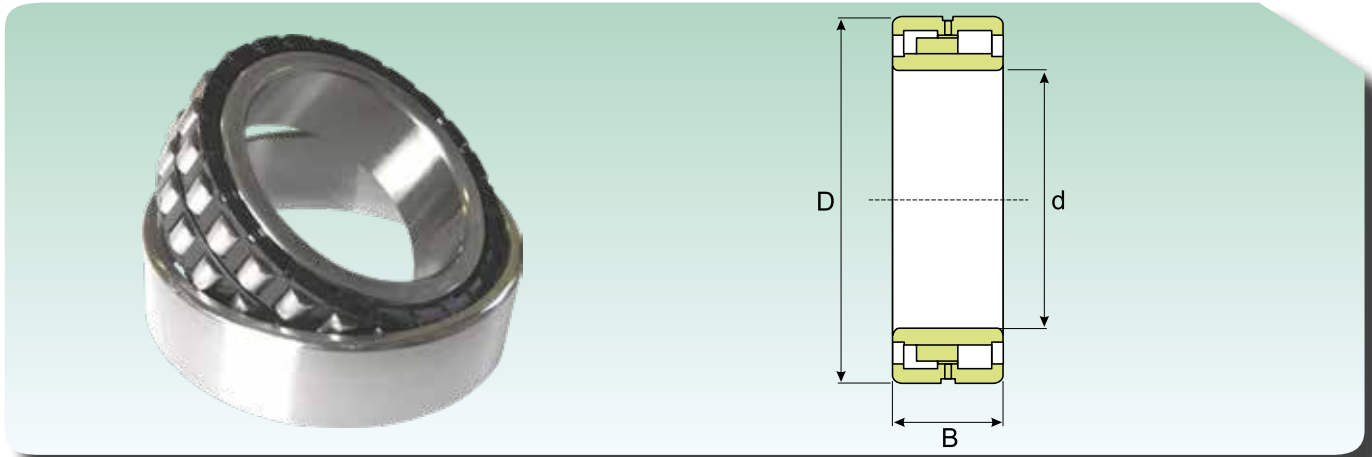


Dimensioni (mm) Dimension (mm)			Coefficiente di carico (KN) Load rating (KN)		Velocità limite (giri/min) Speed limit (Rpm)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	Dinamico C	Statico C ₀	Lubrificazione Lubrication			
					Grasso Grease	Olio Oil		
105	175	69	404.74	656.6	3870	4085	6,7	NNU 4121 K30M/W33
	175	69	404.74	656.6	3870	4085	6,7	NNU 4121 M/W33
110	180	69	409.64	695.8	3870	4085	6,95	NNU 4122 K30M/W33
	180	69	409.64	695.8	3870	4085	6,95	NNU 4122 M/W33
120	200	80	512.54	847.7	3420	3610	11	NNU 4124 K30M/W33
	200	80	512.54	847.7	3420	3610	11	NNU 4124 M/W33
130	210	80	549.78	945.7	3240	3420	10,7	NNU 4126 K30M/W33
	210	80	549.78	945.7	3240	3420	10,7	NNU 4126 M/W33
140	225	85	614.46	1019.2	3060	3230	13	NNU 4128 K30M/W33
	225	85	614.46	1019.2	3060	3230	13	NNU 4128 M/W33
150	250	100	733.04	1264.2	2700	2850	18	NNU 4130 K30M/W33
	250	100	733.04	1264.2	2700	2850	18	NNU 4130 M/W33
160	270	109	916.3	1499.4	2520	2660	25	NNU 4132 K30M/W33
	270	109	916.3	1499.4	2520	2660	25	NNU 4132 M/W33
170	280	109	948.64	1597.4	2340	2470	26	NNU 4134 K30M/W33
	280	109	948.64	1597.4	2340	2470	26	NNU 4134 M/W33
180	300	118	1058.4	1793.4	2160	2280	32,5	NNU 4136 K30M/W33
	300	118	1058.4	1793.4	2160	2280	32,5	NNU 4136 M/W33
190	320	128	1293.6	2156	2160	2280	41	NNU 4138 K30M/W33
	320	128	1293.6	2156	2160	2280	41	NNU 4138 M/W33
200	250	50	237.16	588	2340	2470	5,75	NNU 4840 K/W33
	250	50	237.16	588	2340	2470	5,75	NNU 4840/W33
	340	140	1440.6	2499	1980	2090	51	NNU 4140 K30M/W33
	340	140	1440.6	2499	1980	2090	51	NNU 4140 M/W33
220	370	150	1617	2842	1800	1900	65	NNU 4144 K30M/W33
	370	150	1617	2842	1800	1900	65	NNU 4144 M/W33
240	300	60	350.84	911.4	2160	2280	9,9	NNU 4848 K/W33
	300	60	350.84	911.4	2160	2280	9,9	NNU 4848/W33
	400	160	1940.4	3577	1620	1710	85	NNU 4148 K30M/W33
	400	160	1940.4	3577	1620	1710	85	NNU 4148 M/W33
260	400	140	1617	3087	1620	1710	63,5	NNU 4052 KM/W33
	400	140	1617	3087	1620	1710	63,5	NNU 4052 M/W33
	440	180	2156	3822	1440	1520	110	NNU 4152 K30M/W33
	440	180	2156	3822	1440	1520	110	NNU 4152 M/W33
280	350	69	447.86	1176	1710	1805	15,5	NNU 4856 K/W33
	350	69	447.86	1176	1710	1805	15,5	NNU 4856/W33
	420	140	1617	3087	1530	1615	66,5	NNU 4056 KM/W33
	420	140	1617	3087	1530	1615	66,5	NNU 4056 M/W33
	460	180	2499	4655	1350	1425	120	NNU 4156 K30M/W33
	460	180	2499	4655	1350	1425	120	NNU 4156 M/W33

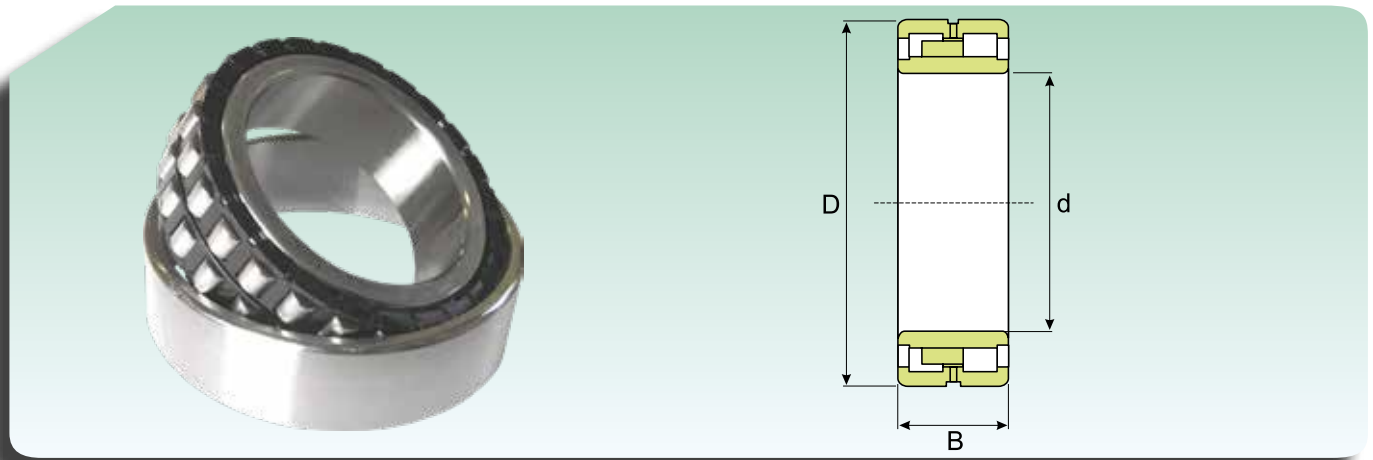
**CUSCINETTI A RULLI CILINDRICI, A DUE CORONE
CYLINDRICAL ROLLER BEARINGS, DOUBLE ROW**


Dimensioni (mm) Dimension (mm)			Coefficiente di carico (KN) Load rating (KN)		Velocità limite (giri/min) Speed limit (Rpm)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	Dinamico Dynamic C	Statico Static C ₀	Lubrificazione Lubrication			
					Grasso Grease	Olio Oil		
300	380	80	776.16	2077.6	1530	1615	22	NNU 4860 K/W33
	380	80	776.16	2077.6	1530	1615	22	NNU 4860/W33
	460	160	1969.8	3920	1350	1425	96	NNU 4060 KM/W33
	460	160	1969.8	3920	1350	1425	96	NNU 4060 M/W33
	500	200	2802.8	5194	1260	1330	155	NNU 4160 K30M/W33
	500	200	2802.8	5194	1260	1330	155	NNU 4160 M/W33
320	400	80	749.7	2038.4	1440	1520	23,5	NNU 4864 K/W33
	400	80	749.7	2038.4	1440	1520	23,5	NNU 4864/W33
	480	160	2077.6	4214	1260	1330	100	NNU 4064 KM/W33
	480	160	2077.6	4214	1260	1330	100	NNU 4064 M/W33
	540	218	3490	6076	1170	1235	200	NNU 4164
	540	218	3490	6076	1170	1235	200	NNU 4164 K30
340	420	80	631.12	1793.4	1350	1425	25	NNU 4868 K/W33
	420	80	631.12	1793.4	1350	1425	25	NNU 4868/W33
	520	180	2499	4998	1170	1235	140	NNU 4068 KM/W33
	520	180	2499	4998	1170	1235	140	NNU 4068 M/W33
	580	243	3939.6	7350	1080	1140	260	NNU 4168 K30M/W33
	580	243	3939.6	7350	1080	1140	260	NNU 4168 M/W33
360	540	180	2753.8	5586	1080	1140	142	NNU 4072 KM/W33
	540	180	2753.8	5586	1080	1140	142	NNU 4072 M/W33
	600	243	4204.2	8330	990	1045	275	NNU 4172 K30M
	600	243	4204.2	8330	990	1045	275	NNU 4172 M
380	480	100	932.96	2499	1170	1235	44	NNU 4876 K/W33
	480	100	932.96	2499	1170	1235	44	NNU 4876/W33
	560	180	2802.8	5880	1080	1140	150	NNU 4076 KM/W33
	560	180	2802.8	5880	1080	1140	150	NNU 4076 M/W33
	620	243	4204.2	8330	990	1045	285	NNU 4176 K30M
	620	243	4204.2	8330	990	1045	285	NNU 4176 M
400	500	100	948.64	2695	1080	1140	46	NNU 4880 K/W33
	500	100	948.64	2695	1080	1140	46	NNU 4880/W33
	600	200	3400.6	7056	990	1045	205	NNU 4080 W33
	600	200	3400.6	7056	990	1045	205	NNU 4080 K/W33
	650	250	4635.4	9310	900	950	325	NNU 4180 K30M/W33
	650	250	4635.4	9310	900	950	325	NNU 4180 M/W33
420	520	100	970.2	2793	1080	1140	48	NNU 4884 K/W33
	520	100	970.2	2793	1080	1140	48	NNU 4884/W33
	620	200	3449.6	7710	855	902,5	183	NNU 4084 KM/W33
	620	200	3449.6	7710	855	902,5	183	NNU 4084 M/W33
	700	280	5390	11172	855	902,5	440	NNU 4184/316275
440	540	100	989.8	2842	990	1045	50	NNU 4888 K/W33
	540	100	989.8	2842	990	1045	50	NNU 4888/W33
	650	212	3831.8	8134	855	902,5	215	NNU 4088 KM/W33
	650	212	3831.8	8134	855	902,5	215	NNU 4088 M/W33
	720	280	5605.6	11564	810	855	450	NNU 4188 K30M/W33
	720	280	5605.6	11564	810	855	450	NNU 4188 M/W33

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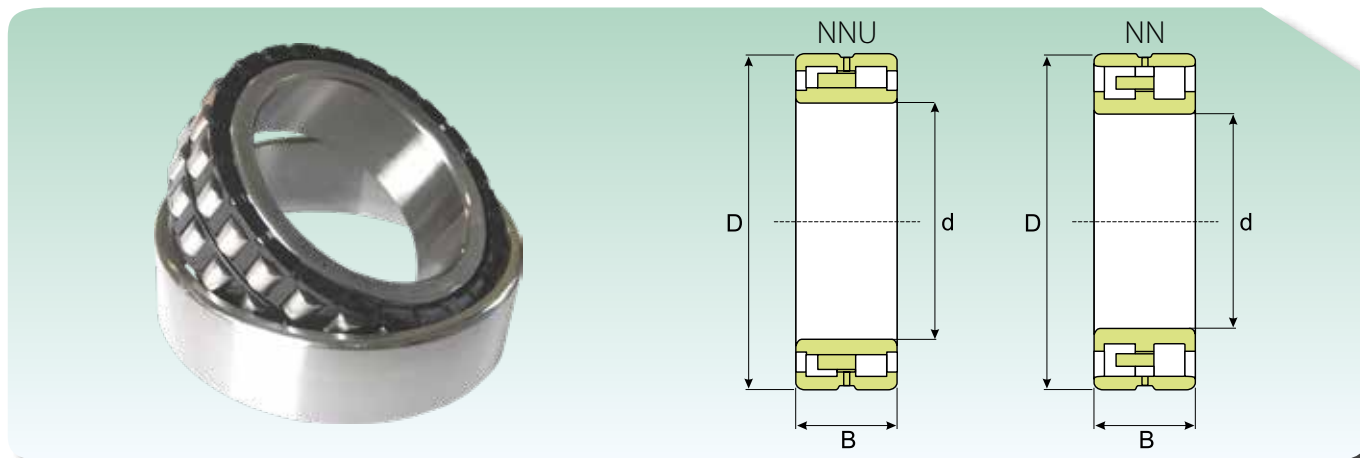


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d (mm)	D (mm)	B (mm)	Dinamico C	Statico C ₀	Lubrificazione Lubrication			
					Grasso Grease	Olio Oil		
460	580	118	1166.2	3185	990	1045	75	NUU 4892 K/W33
	580	118	1166.2	3185	990	1045	75	NUU 4892 M/W33
	680	218	4204.2	9114	855	902,5	240	NUU 4092 KM/W33
	680	218	4204.2	9114	855	902,5	240	NUU 4092 M/W33
	760	300	6311.2	12642	765	807,5	535	NUU 4192 K30M
	760	300	6311.2	12642	765	807,5	535	NUU 4192 M
480	700	218	4312	9457	810	855	275	NUU 4096 KM/W33
	700	218	4312	9457	810	855	275	NUU 4096 M/W33
	790	308	6899.2	14014	720	760	590	NUU 4196 K30M/W33
	790	308	6899.2	14014	720	760	590	NUU 4196 M/W33
500	720	218	4650	10350	765	807,5	287	NUU 40/500 KM/W33
	720	218	4650	10350	765	807,5	287	NUU 40/500 M/W33
	830	325	7330.4	14700	720	760	710	NUU 41/500 K30M/W33
	830	325	7330.4	14700	720	760	710	NUU 41/500 M/W33
530	780	250	5390	11956	720	760	420	NUU 40/530 KM/W33
	780	250	5390	11956	720	760	420	NUU 40/530 M/W33
	870	335	7653.8	15680	675	712,5	790	NUU 41/530 K30M/W33
	870	335	7653.8	15680	675	712,5	790	NUU 41/530 M/W33
560	820	258	5605.6	12642	675	712,5	475	NUU 40/560 KM/W33
	820	258	5605.6	12642	675	712,5	475	NUU 40/560 M/W33
	920	355	8624	17934	603	636,5	930	NUU 41/560 K30M/W33X
	920	355	8624	17934	603	636,5	930	NUU 41/560 M/W33
600	870	272	6683.6	15288	630	665	530	NUU 40/600 KM/W33
	870	272	6683.6	15288	630	665	530	NUU 40/600 M/W33
	980	375	9702	20776	567	598,5	1100	NUU 41/600 K30M/W33
	980	375	9702	20776	567	598,5	1100	NUU 41/600 M/W33
630	920	290	7497	17248	567	598,5	635	NUU 40/630 KM/W33
	920	290	7497	17248	567	598,5	635	NUU 40/630 M/W33
	1030	400	10780	23520	540	570	1330	NUU 41/630 K30M/W33
	1030	400	10780	23520	540	570	1330	NUU 41/630 M/W33
670	980	308	8251.6	19208	540	570	765	NUU 40/670 KM/W33
	980	308	8251.6	19208	540	570	765	NUU 40/670 M/W33
	1090	412	11858	24990	477	503,5	1500	NUU 41/670 K30M/W33
	1090	412	11858	24990	477	503,5	1500	NUU 41/670 M/W33
710	1030	315	9163	21168	504	532	850	NUU 40/710 KM/W33
	1030	315	9163	21168	504	532	850	NUU 40/710 M/W33
	1150	438	13132	27930	450	475	1790	NUU 41/710 K30M/W33
	1150	438	13132	27930	450	475	1790	NUU 41/710 M/W33
750	920	170	3616.2	9996	540	570	240	NU 48/750 K30/H1W33
	920	170	3616.2	9996	540	570	240	NU 48/750/H1W33
	1090	335	9996	23520	450	475	925	NUU 40/750 KM/W33
	1090	335	9996	23520	450	475	925	NUU 40/750 M/W33
	1220	475	15778	34790	405	427,5	2230	NUU 41/750 K30M/W33
	1220	475	15778	34790	405	427,5	2230	NUU 41/750 M/W33

**CUSCINETTI A RULLI CILINDRICI, A DUE CORONE
CYLINDRICAL ROLLER BEARINGS, DOUBLE ROW**


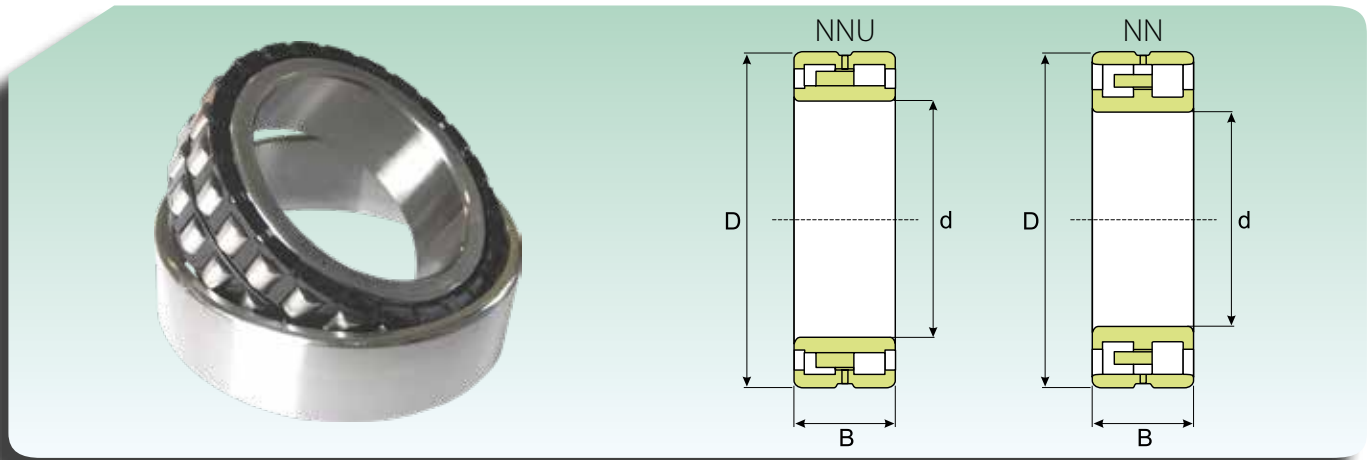
Dimensioni (mm) Dimension (mm)			Coefficiente di carico (KN) Load rating (KN)		Velocità limite (giri/min) Speed limit (Rpm)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	Dinamico Dynamic C	Statico Static C ₀	Lubrificazione Lubrication			
					Grasso Grease	Olio Oil		
800	1150	345	10584	25480	432	456	1140	NNU 40/800 KM/W33
	1150	345	10584	25480	432	456	1140	NNU 40/800 M/W33
	1280	475	16170	35770	387	408,5	2390	NNU 41/800 K30M/W33
	1280	475	16170	35770	387	408,5	2390	NNU 41/800 M/W33
850	1220	365	11466	27930	387	408,5	1340	NNU 40/850 KM/W33
	1220	365	11466	27930	387	408,5	1340	NNU 40/850 M/W33
	1360	500	19404	44100	360	380	2900	NNU 41/850 K30M/W33
	1360	500	19404	44100	360	380	2900	NNU 41/850 M/W33
900	1280	375	12544	30870	360	380	1500	NNU 40/900 KM/W33
	1280	375	12544	30870	360	380	1500	NNU 40/900 M/W33
	1420	515	21560	46550	324	342	3180	NNU 41/900 K30M/W33
	1420	515	21560	46550	324	342	3180	NNU 41/900 M/W33
950	1360	412	13916	34790	342	361	1900	NNU 40/950 KM/W33
	1360	412	13916	34790	342	361	1900	NNU 40/950 M/W33
	1500	545	24990	55860	306	323	3830	NNU 41/950 K30M/W33
	1500	545	24990	55860	306	323	3830	NNU 41/950 M/W33
1000	1320	315	8408.4	25480	360	380	1200	NN 49/1000 K/W33X
	1320	315	8408.4	25480	360	380	1200	NN 49/1000 W33X
	1420	412	15092	37240	306	323	2000	NNU 40/1000 KM/W33
	1420	412	15092	37240	306	323	2000	NNU 40/1000 M/W33
	1580	580	26950	60760	270	285	4270	NNU 41/1000 K30M/W33
	1580	580	26950	60760	270	285	4270	NNU 41/1000 M/W33
1060	1660	600	29694	68110	252	266	5070	NNU 41/1060 K30M/W33
	1660	600	29694	68110	252	266	5070	NNU 41/1060 M/W33
1120	1750	630	32928	74970	252	266	5600	NNU 41/1120 K30M/W33
	1750	630	32928	74970	252	266	5600	NNU 41/1120 M/W33
1180	1850	670	36162	83300	216	228	7200	NNU 41/1180 K30M/W33
	1850	670	36162	83300	216	228	7200	NNU 41/1180 M/W33
1250	1950	710	40964	96040	198	209	8000	NNU 41/1250 K30M/W33
	1950	710	40964	96040	198	209	8000	NNU 41/1250 M/W33
1320	1720	400	13524	41650	252	266	3060	NN 49/1320 W33
	1720	400	13524	41650	252	266	3060	NN 49/1320 K/W33
	2060	750	44786	103880	171	180,5	9400	NNU 41/1320 K30M/W33
	2060	750	44786	103880	171	180,5	9400	NNU 41/1320 M/W33
1400	2180	775	48510	113680	153	161,5	10700	NNU 41/1400 K30M/W33
	2180	775	48510	113680	153	161,5	10700	NNU 41/1400 M/W33
1500	2300	800	51744	129360	135	142,5	12300	NNU 41/1500 K30M/W33
	2300	800	51744	129360	135	142,5	12300	NNU 41/1500 M/W33

CUSCINETTI A RULLI CILINDRICI, A DUE CORONE, DI ALTA PRECISIONE CYLINDRICAL ROLLER BEARINGS, DOUBLE ROW, HIGH-PRECISION



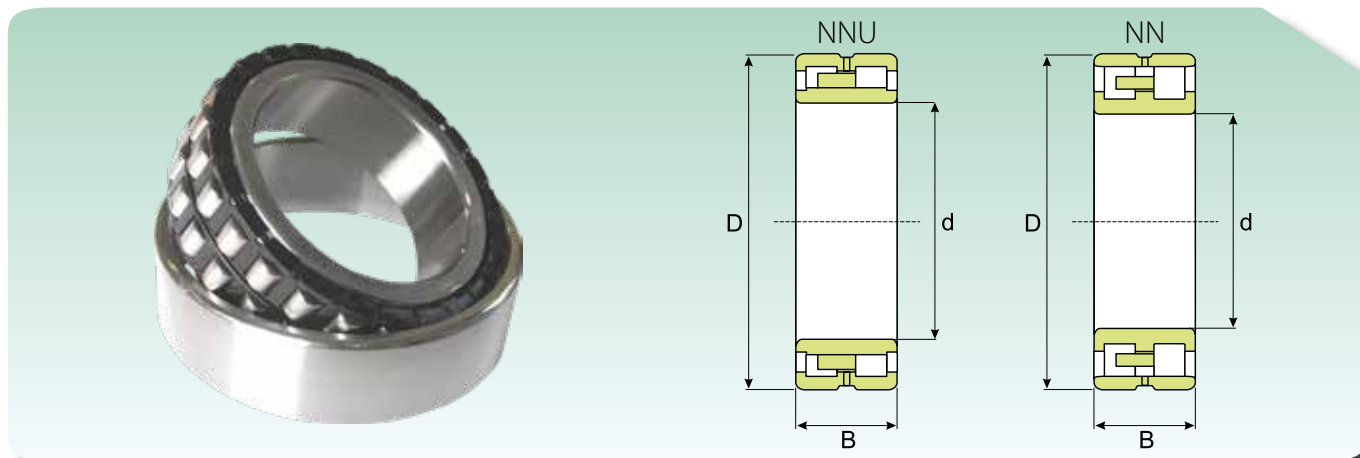
Dimensioni (mm) Dimension (mm)			Coefficiente di carico (kN) Load rating (kN)		Velocità limite (giri/min) Speed limit (Rpm)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	Dinamico Dynamic C	Statico Static C ₀	Lubrificazione Lubrication			
					Grasso Grease	Olio Oil		
25	47	16	25,48	29,4	18430	21340	0,12	NN 3005 K/SP
	47	16	25,48	29,4	18430	21340	0,12	NN 3005/SP
30	55	19	30,184	36,75	15520	17460	0,19	NN 3006 KTN/SP
	55	19	30,184	36,75	15520	17460	0,19	NN 3006 TN/SP
35	62	20	38,318	49	13580	15520	0,25	NN 3007 K/SP
	62	20	38,318	49	13580	15520	0,25	NN 3007/SP
40	68	21	42,042	54,88	11640	13580	0,30	NN 3008 KTN/SP
	68	21	42,042	54,88	11640	13580	0,30	NN 3008 TN/SP
45	75	23	49,098	64,19	10670	12610	0,38	NN 3009 KTN/SP
	75	23	49,098	64,19	10670	12610	0,38	NN 3009 TN/SP
50	80	23	51,744	72,03	9700	11640	0,42	NN 3010 KTN/SP
	80	23	51,744	72,03	9700	11640	0,42	NN 3010 TN/SP
55	90	26	67,914	94,57	9215	10670	0,62	NN 3011 KTN/SP
	90	26	67,914	94,57	9215	10670	0,62	NN 3011 TN/SP
60	95	26	72,226	103,88	8730	9700	0,66	NN 3012 KTN/SP
	95	26	72,226	103,88	8730	9700	0,66	NN 3012 TN/SP
65	100	26	74,97	113,68	8245	9215	0,71	NN 3013 KTN/SP
	100	26	74,97	113,68	8245	9215	0,71	NN 3013 TN/SP
70	110	30	94,864	147	7275	8245	1,00	NN 3014 KTN/SP
	110	30	94,864	147	7275	8245	1,00	NN 3014 TN/SP
75	115	30	94,864	147	6790	7760	1,10	NN 3015 KTN/SP
	115	30	94,864	147	6790	7760	1,10	NN 3015 TN/SP
80	125	34	116,62	182,28	6499	7275	1,45	NN 3016 KTN/SP
	125	34	116,62	182,28	6499	7275	1,45	NN 3016 TN/SP
85	130	34	122,5	199,92	6111	6790	1,60	NN 3017 KTN9/SP
	130	34	122,5	199,92	6111	6790	1,60	NN 3017 TN9/SP
90	140	37	135,24	211,68	5820	6499	2,00	NN 3018 KTN9/SP
	140	37	135,24	211,68	5820	6499	2,00	NN 3018 TN9/SP
95	145	37	139,16	227,36	5432	6111	2,10	NN 3019 KTN9/SP
	145	37	139,16	227,36	5432	6111	2,10	NN 3019 TN9/SP
100	140	40	125,44	249,9	5432	6111	1,90	NNU 4920 SPW33
	140	40	125,44	249,9	5432	6111	1,90	NNU 4920 K/SPW33
	150	37	147,98	245	5141	5820	2,20	NN 3020 KTN9/SP
	150	37	147,98	245	5141	5820	2,20	NN 3020 TN9/SP
105	145	40	127,4	254,8	5141	5820	2,00	NNU 4921 SPW33
	145	40	127,4	254,8	5141	5820	2,00	NNU 4921 K/SPW33
	160	41	186,2	298,9	4850	5432	2,70	NN 3021 KTN9/SP
	160	41	186,2	298,9	4850	5432	2,70	NN 3021 TN9/SP

CUSCINETTI A RULLI CILINDRICI, A DUE CORONE, DI ALTA PRECISIONE
CYLINDRICAL ROLLER BEARINGS, DOUBLE ROW, HIGH-PRECISION

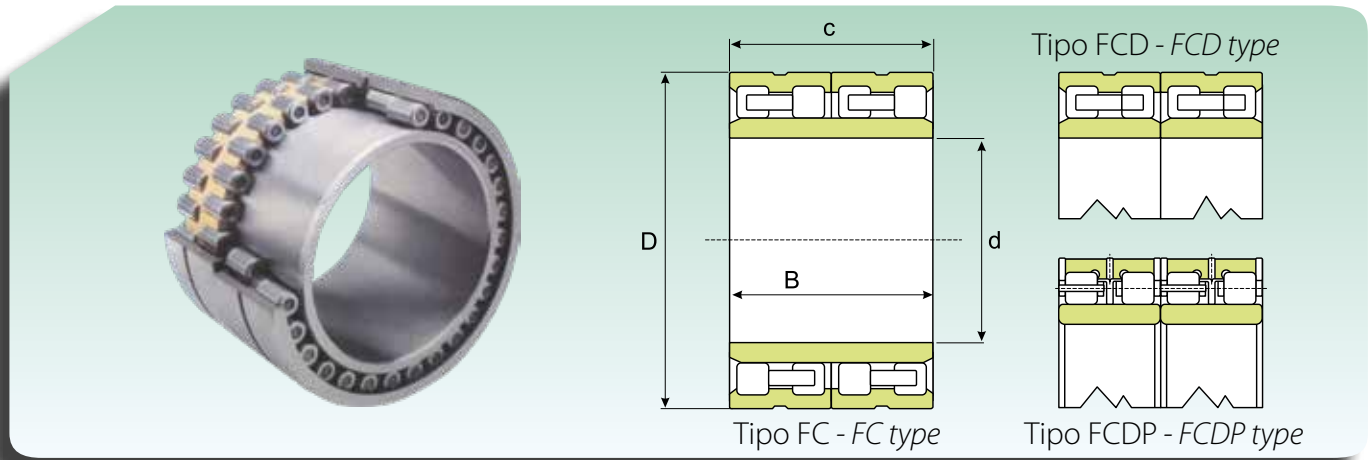


Dimensioni (mm) Dimension (mm)			Coefficiente di carico (kN) Load rating (kN)		Velocità limite (giri/min) Speed limit (Rpm)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	Dinamico Dynamic C	Statico Static C ₀	Lubrificazione Lubrication			
					Grasso Grease	Olio Oil		
110	150	40	129,36	264,6	5141	5820	2,05	NNU 4922 SPW33
	150	40	129,36	264,6	5141	5820	2,05	NNU 4922 K/SPW33
	170	45	215,6	352,8	4656	5141	3,40	NN 3022 KTN9/SP
	170	45	215,6	352,8	4656	5141	3,40	NN 3022 TN9/SP
120	165	45	172,48	333,2	4656	5141	2,80	NNU 4924 SPW33
	165	45	172,48	333,2	4656	5141	2,80	NNU 4924 K/SPW33
	180	46	224,42	382,2	4365	4850	3,70	NN 3024 KTN9/SP
	180	46	224,42	382,2	4365	4850	3,70	NN 3024 TN9/SP
130	180	50	183,26	382,2	4171	4656	3,85	NNU 4926 SPW33
	180	50	183,26	382,2	4171	4656	3,85	NNU 4926 K/SPW33
	200	52	280,28	470,4	3880	4365	5,55	NN 3026 KTN9/SP
	200	52	280,28	470,4	3880	4365	5,55	NN 3026 TN9/SP
140	190	50	186,2	392	3880	4365	4,10	NNU 4928 SPW33
	190	50	186,2	392	3880	4365	4,10	NNU 4928 K/SPW33
	210	53	291,06	509,6	3686	4171	6,00	NN 3028 K/SPW33
	210	53	291,06	509,6	3686	4171	6,00	NN 3028/SPW33
150	210	60	323,4	641,9	3686	4171	6,25	NNU 4930 SPW33
	210	60	323,4	641,9	3686	4171	6,25	NNU 4930 K/SPW33
	225	56	323,4	558,6	3492	3880	7,30	NN 3030 K/SPW33
	225	56	323,4	558,6	3492	3880	7,30	NN 3030/SPW33
160	220	60	323,4	666,4	3492	3880	6,60	NNU 4932 SPW33
	220	60	323,4	666,4	3492	3880	6,60	NNU 4932 K/SPW33
	240	60	361,62	641,9	3298	3686	8,80	NN 3032 K/SPW33
	240	60	361,62	641,9	3298	3686	8,80	NN 3032/SPW33
170	230	60	329,28	681,1	3298	3686	6,95	NNU 4934 SPW33
	230	60	329,28	681,1	3298	3686	6,95	NNU 4934 K/SPW33
	260	67	447,86	784	3104	3492	12,0	NN 3034 K/SPW33
	260	67	447,86	784	3104	3492	12,0	NN 3034/SPW33
180	250	69	393,96	833	2910	3298	10,5	NNU 4936 SPW33
	250	69	393,96	833	2910	3298	10,5	NNU 4936 K/SPW33
	280	74	549,78	980	2716	3104	16,0	NN 3036 K/SPW33
	280	74	549,78	980	2716	3104	16,0	NN 3036/SPW33
190	260	69	393,96	862,4	2716	3104	11,0	NNU 4938 SPW33
	260	69	393,96	862,4	2716	3104	11,0	NNU 4938 K/SPW33
	290	75	582,12	1058,4	2522	2910	17,0	NN 3038 K/SPW33
	290	75	582,12	1058,4	2522	2910	17,0	NN 3038/SPW33
200	280	80	474,32	1019,2	2522	2910	15,0	NNU 4940 SPW33
	280	80	474,32	1019,2	2522	2910	15,0	NNU 4940 K/SPW33
	310	82	631,12	1117,2	2328	2716	21,0	NN 3040 K/SPW33
	310	82	631,12	1117,2	2328	2716	21,0	NN 3040/SPW33
220	300	80	501,76	1117,2	2328	2716	16,5	NNU 4944 SPW33
	300	80	501,76	1117,2	2328	2716	16,5	NNU 4944 K/SPW33
	340	90	792,82	1430,8	2134	2522	27,5	NN 3044 K/SPW33
	340	90	792,82	1430,8	2134	2522	27,5	NN 3044/SPW33

CUSCINETTI A RULLI CILINDRICI, A DUE CORONE, DI ALTA PRECISIONE CYLINDRICAL ROLLER BEARINGS, DOUBLE ROW, HIGH-PRECISION

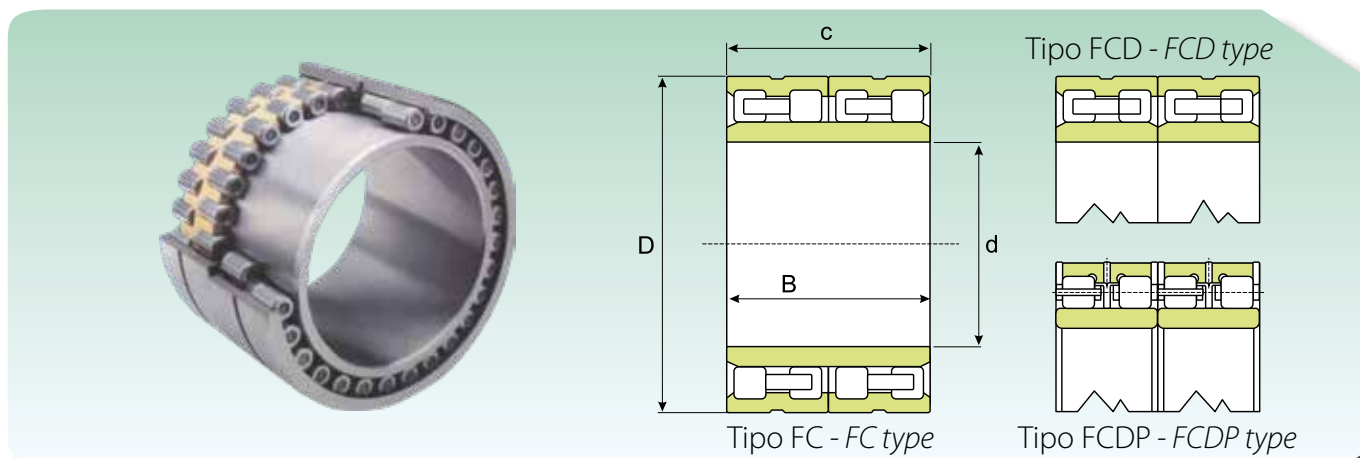


Dimensioni (mm) Dimension (mm)			Coefficiente di carico (kN) Load rating (kN)		Velocità limite (giri/min) Speed limit (Rpm)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	Dinamico Dynamic C	Statico Static C ₀	Lubrificazione Lubrication			
					Grasso Grease	Olio Oil		
240	320	80	517,44	1195,6	2134	2522	17,5	NNU 4948 SPW33
	320	80	517,44	1195,6	2134	2522	17,5	NNU 4948 K/SPW33
	360	92	825,16	1528,8	1940	2328	30,5	NN 3048 K/SPW33
	360	92	825,16	1528,8	1940	2328	30,5	NN 3048/SPW33
260	360	100	733,04	1666	1940	2328	30,5	NNU 4952 SPW33
	360	100	733,04	1666	1940	2328	30,5	NNU 4952 K/SPW33
	400	104	999,6	1891,4	1843	2134	44,0	NN 3052 K/SPW33
	400	104	999,6	1891,4	1843	2134	44,0	NN 3052/SPW33
280	380	100	749,7	1764	1843	2134	32,5	NNU 4956 SPW33
	380	100	749,7	1764	1843	2134	32,5	NNU 4956 K/SPW33
	420	106	1058,4	2038,4	1746	1940	47,5	NN 3056 K/SPW33
	420	106	1058,4	2038,4	1746	1940	47,5	NN 3056/SPW33
300	420	118	999,6	2312,8	1746	1940	48,0	NNU 4960 SPW33
	420	118	999,6	2312,8	1746	1940	48,0	NNU 4960 K/SPW33
	460	118	1225	2352	1649	1843	66,5	NN 3060 K/SPW33
	460	118	1225	2352	1649	1843	66,5	NN 3060/SPW33
320	440	118	1038,8	2450	1649	1843	50,0	NNU 4964 SPW33
	440	118	1038,8	2450	1649	1843	50,0	NNU 4964 K/SPW33
	480	121	1293,6	2548	1552	1746	71,0	NN 3064 K/SPW33
340	460	118	1078	2597	1455	1649	53,0	NNU 4968 SPW33
	460	118	1078	2597	1455	1649	53,0	NNU 4968 K/SPW33
	520	133	1617	3185	1358	1552	94,5	NN 3068 K/SPW33
360	480	118	1097,6	2744	1455	1649	55,0	NNU 4972 SPW33
	480	118	1097,6	2744	1455	1649	55,0	NNU 4972 K/SPW33
	540	134	1685,6	3381	1261	1455	102	NN 3072 K/SPW33
380	520	140	1421	3528	1261	1455	83,5	NNU 4976 SPW33
	520	140	1421	3528	1261	1455	83,5	NNU 4976 K/SPW33
	560	135	1646,4	3381	1261	1455	105	NN 3076 K/SPW33
400	540	140	1440,6	3724	1261	1455	87,5	NNU 4980 SPW33
	540	140	1440,6	3724	1261	1455	87,5	NNU 4980 K/SPW33
	600	148	2116,8	4410	1164	1358	135	NN 3080 K/SPW33
420	560	140	1479,8	3920	1164	1358	91,0	NNU 4984 SPW33
	560	140	1479,8	3920	1164	1358	91,0	NNU 4984 K/SPW33
	620	150	2077,6	4410	1067	1261	140	NN 3084 K/SPW33
460	620	160	2048,2	5390	970	1164	130	NNU 4992 SPW33
	620	160	2048,2	5390	970	1164	130	NNU 4992 K/SPW33
	680	163	2548	5390	970	1164	190	NN 3092 K/SPW33
500	670	170	2283,4	5978	921,5	1067	165	NNU 49/500 SPW33X
	670	170	2283,4	5978	921,5	1067	165	NNU 49/500 K/SPW33X
600	800	200	3508,4	9996	776	873	280	NNU 49/600 SPW33X
	800	200	3508,4	9996	776	873	280	NNU 49/600 K/SPW33X
670	900	230	4851	13426	679	776	410	NNU 49/670 SPW33X
	900	230	4851	13426	679	776	410	NNU 49/670 K/SPW33X

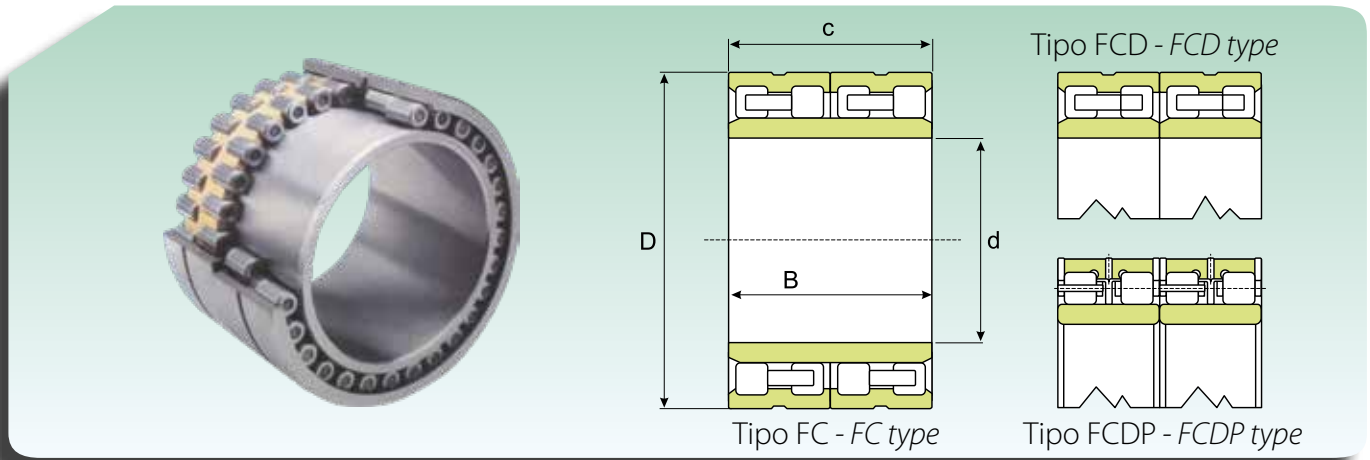
**CUSCINETTI A RULLI CILINDRICI, A QUATTRO CORONE
CYLINDRICAL ROLLER BEARINGS, FOUR-ROW**


Dimensioni (mm) Dimension (mm)				Coefficiente di carico (KN) Load rating (KN)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	c (mm)	Dinamico Dynamic C	Statico Static C ₀		
90	140	70	70	253	425	3.78	FC 182870
100	140	70	70	209	435	3.10	FC 202870
	140	104	104	330	775	4.99	FC 2028104
	150	106	106	425	890	6.67	FC 2030106
110	170	120	120	534	1110	10.1	FC 2234120
120	180	105	105	413	770	9.13	FC 2436105
130	200	125	125	583	1200	14.6	FC 2640125
140	210	125	125	594	1160	14.7	FC 2842125
145	210	155	155	950	1610	18.3	FC 2942155
150	225	120	120	710	1450	16.7	FC 3045120
	225	120	120	710	1450	16.6	FCD 3045120
	230	156	156	1090	1790	23.6	FC 3046156
160	230	130	130	940	1705	16.9	FC 3246130
	240	124	124	810	1530	20.3	FC 3248124
	240	168	168	1060	2350	26.4	FC 3248168
170	230	160	160	1320	2360	20.0	FCD 3446160
	250	170	170	1280	2500	28.5	FC 3450170
	260	120	120	867	1790	24.6	FC 3452120
	260	150	150	1000	2240	29.7	FC 3452150
180	260	124	124	809	1730	21.7	FC 3652124
	260	168	168	1515	2790	30.2	FC 3652168
	260	180	180	1250	3000	31.1	FC 3652180
190	270	168	168	1420	2430	30.2	FC 3854168
	270	170	170	1430	2430	30.2	FC 3854170
	270	200	200	1770	3180	35.0	FC 3854200
200	270	170	170	1400	2650	28.7	FC 4054170
	280	188	188	1430	2580	35.7	FC 4056188
	290	192	192	1890	3250	40.9	FC 4058192
210	300	170	170	1320	3150	39.1	FC 4260170
	300	210	210	1560	3950	48.3	FC 4260210
220	310	192	192	1860	3500	45.8	FC 4462192
	310	225	225	2240	4050	53.9	FC 4462225
	320	210	210	1900	4000	57.1	FCD 4464210
230	330	206	206	2300	4350	57.8	FC 4666206
	340	260	260	2120	5350	82.1	FC 4668260
240	330	220	220	2110	4850	56.7	FC 4866220
	360	200	200	1870	4410	78.0	FC 4872220
250	350	220	220	1740	4980	65.5	FC 5070220

CUSCINETTI A RULLI CILINDRICI, A QUATTRO CORONE
CYLINDRICAL ROLLER BEARINGS, FOUR-ROW

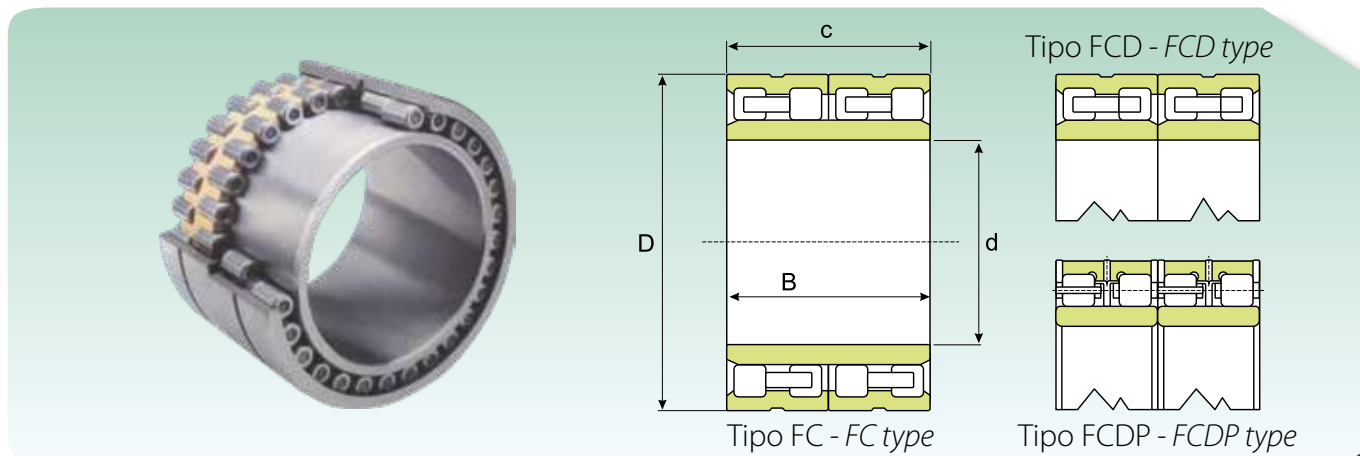


Dimensioni (mm) Dimension (mm)				Coefficiente di carico (KN) Load rating (KN)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	c (mm)	Dinamico Dynamic C	Statico Static C ₀		
260	370	200	200	2050	4250	73.0	FC 5274200
	370	220	220	2630	4900	80.0	FC 5274220
	370	220	220	2630	4800	78.7	FC 5274220A
	400	145	145	1800	1720	136	FCD 5280290
270	380	230	230	1890	4800	80.2	FC 5476230
280	390	220	220	2750	5150	86.5	FC 5678220
	390	240	240	2570	5850	90.4	FC 5678240
	420	280	280	3500	7000	139	FC 5684280
300	420	240	240	3450	6300	111	FC 6084240
	420	300	300	4370	8210	129	FCD 6084300
320	450	240	240	2760	6720	119	FC 6490240
	460	340	340	3700	10000	189	FCD 6492340
330	460	340	340	3550	9950	210	FCD 6692340
340	450	250	250	2520	6800	111	FC 6890250
	480	350	350	3750	10600	202	FCD 6896350
350	500	410	410	5800	13500	280	FCDP 70100410
	520	300	300	4590	9000	213	FC 70104300
360	500	250	250	3870	7730	156	FC 72100250
	510	370	370	4950	11400	220	FCD 72102370
365	540	300	300	5000	11000	490	FC 73108300
370	520	380	380	5230	12000	296	FCDP 74104380
380	540	260	260	3350	8550	198	FCD 76108260
	540	300	300	4650	10100	220	FCD 76108300
	540	304	304	4650	10100	227	FC 76108304
	540	340	340	5240	11900	256	FC 76108340
	540	400	400	6310	14200	297	FCD 76108400
	560	300	300	4950	9650	261	FCD 76112300
	560	325	325	5190	10510	263	FCD 76112325
390	540	320	320	5200	12000	228	FCD 78108320
400	550	300	300	4460	5050	223	FC 80110300
	560	300	300	4610	10000	242	FC 80112300
	560	410	410	6250	15600	310	FCD 80112410
	590	440	440	7840	16500	530	FCD 80114440
410	560	400	400	6400	15800	287	FCDP 82112400
	600	440	440	6450	18300	445	FCDP 82120440
420	580	260	260	4350	9600	205	FCD 84116260
	580	320	320	4680	10800	249	FCD 84116320
	600	440	440	7180	16800	414	FCD 84120440
440	620	450	450	7420	15800	452	FCDP 88124450
	650	355	355	6250	14600	400	FC 88130355
	660	340	340	7170	13500	425	FC 88132340

**CUSCINETTI A RULLI CILINDRICI, A QUATTRO CORONE
CYLINDRICAL ROLLER BEARINGS, FOUR-ROW**


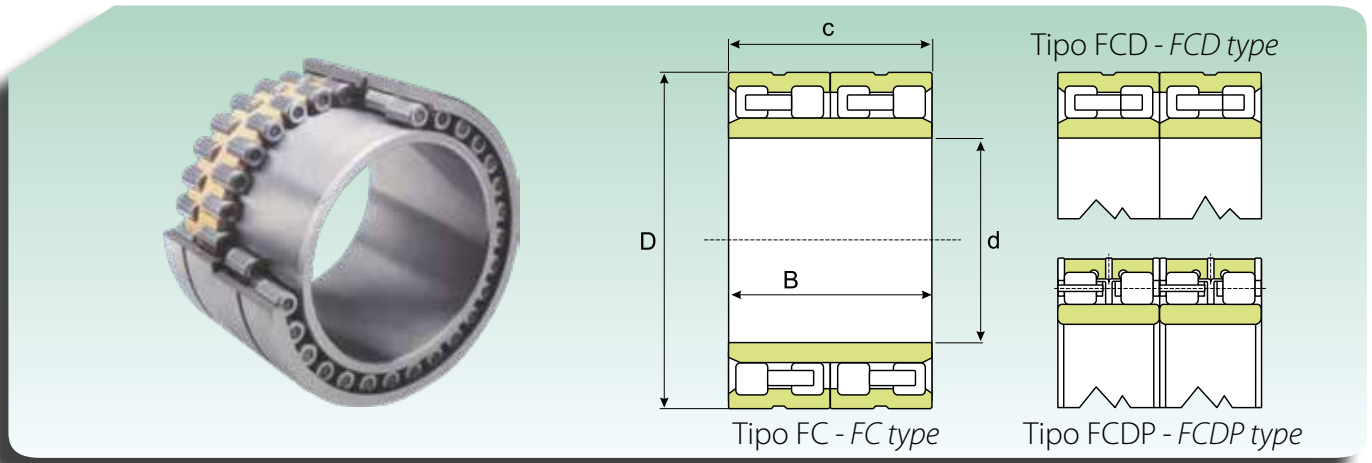
Dimensioni (mm) Dimension (mm)				Coefficiente di carico (KN) Load rating (KN)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	c (mm)	Dinamico Dynamic C	Statico Static C ₀		
450	590	300	300	3900	12200	240	FC 90114300
460	650	355	355	6250	14500	375	FCD 92130355
	650	424	424	8180	18200	452	FCD 92130424
	650	470	470	8750	22400	512	FCD 92130470
	680	400	400	8050	17400	630	FC 92136400
480	650	450	450	7840	15400	419	FCD 96130450
	680	420	420	9070	19400	510	FCD 96136420
	680	500	500	7980	23400	599	FCDP 96136500
500	650	260	260	4310	10000	220	FCD 100130260
	670	450	450	8160	21500	455	FCD 100132450
	680	450	450	8200	22000	485	FCD 100136450
	710	480	480	8780	21500	604	FCDP 100142480
	720	400	400	8490	17500	526	FC 100144400
	738	500	500	10500	23000	732	FCD 100148500
510	680	500	500	9530	26200	525	FCDP 102136500
	730	520	520	10000	21800	744	FCD 102146520
	760	550	550	12000	26500	947	FCDP 102152550
530	760	520	520	9530	28500	773	FCDP 106152520
	780	500	500	10000	21800	810	FCD 106156500
	780	570	570	12700	32500	954	FCD 106156570
550	740	510	510	10800	27500	612	FCDP 110148510
	800	520	520	10300	28500	890	FCDP 110160520
560	800	600	600	13000	33500	1010	FCDP 112160600
	820	315	279	13500	36000	1164	FCDP 112164630
	820	600	600	14200	34000	1075	FCDP 112164600
	820	630	630	14400	36000	1170	FCDP 112164630H
570	750	530	530	9000	26600	625	FC 114150530
	800	514	514	11000	29000	835	FCDP 114160514
	815	594	594	13000	35200	1010	FCDP 114163594
580	780	520	486	9900	27000	696	FCDP 116156486
	780	521	486	9900	27000	700	FCDP 116156486
	780	558	486	9900	27000	713	FCDP 116156486
590	820	590	590	12800	35100	990	FCDP 118164590
600	820	575	575	13900	35600	945	FCDP 120164575
	870	540	540	13000	31500	1100	FCDP 120174540
	870	640	640	13200	38500	1347	FCDP 120174640
630	800	360	360	6850	19500	560	FCD 126160360
	850	436	436	7450	23500	720	FCD 126170436
	920	515	515	13700	17160	1182	FCD 126184515
640	880	600	600	13500	40000	1120	FCDP 128176600
650	900	650	650	14000	42000	1275	FCDP 130180650
	920	670	670	14300	44500	1460	FCDP 130184670
	920	690	690	14500	45000	1490	FCDP 130184690

CUSCINETTI A RULLI CILINDRICI, A QUATTRO CORONE
CYLINDRICAL ROLLER BEARINGS, FOUR-ROW



Dimensioni (mm) Dimension (mm)				Coefficiente di carico (KN) Load rating (KN)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	c (mm)	Dinamico Dynamic C	Statico Static C ₀		
660	820	440	440	8010	22700	532	FCD 132164440
	880	450	450	7500	23500	782	FCD 132176450
680	1020	680	680	20000	49500	2050	FCDP 136204680
690	980	715	715	18800	51500	1805	FCDP 138196715
	980	750	750	18800	51500	1920	FCDP 138196750
700	930	620	620	15000	42800	1170	FCDP 140186620
	980	700	700	17500	48500	1680	FCDP 140196700
	1000	710	710	19000	47500	1820	FCDP 140200710
710	1020	710	710	19500	49700	1940	FCDP 142204710
725	1000	700	700	18000	49500	1750	FCDP 145200700
730	960	620	620	15400	45000	1218	FCDP 146192620
	1030	750	750	20500	58500	2035	FCDP 146206750
750	1000	670	670	17000	48500	1522	FCDP 150200670
	1080	665	650	19500	48000	2020	FCDP 150216650
	1090	750	750	21500	51500	2410	FCDP 150218750
	1133	670	670	21000	50500	2450	FCDP 150226670
760	1015	700	700	18500	55000	1600	FCDP 152203700
	1030	750	750	21000	61200	1870	FCDP 152206750
	1080	790	790	23500	65000	2420	FCDP 152216790
	1080	805	790	23500	65000	2450	FCDP 152216790
780	1070	780	780	23000	60000	2280	FCDP 156214780
800	1080	700	700	18800	48500	1850	FCDP 160216700
	1080	750	750	20000	60000	2030	FCDP 160216750
820	1130	800	800	19700	67000	2534	FCDP 164226800
	1160	840	840	21600	68500	2750	FCDP 164232840
840	1160	840	840	24700	70800	2730	FCDP 168232840
850	1150	840	840	26500	76500	2560	FCDP 170230840
	1180	650	650	19000	50500	2100	FCDP 170236650
	1180	850	850	27400	74000	2920	FCDP 170236850
	1180	875	850	26100	74000	2650	FCDP 170236850
860	1140	750	750	20500	61000	2100	FCDP 172228750
	1160	735	710	21000	60000	2150	FCDP 172232710
880	1140	80	800	24000	76000	2210	FCDP 176228800
900	1220	840	840	26300	80000	3050	FCDP 180244840
	1280	780	780	28500	80500	3250	FCDP 180256780
	1280	930	930	32500	93500	4050	FCDP 180256930
	1280	1050	840	28900	80500	3890	FCDP 180256840
920	1280	815	800	28700	80000	3280	FCDP 184256800
	1280	865	850	27600	77500	3450	FCDP 184256850
	1300	975	950	32500	92500	4180	FCDP 184268950

CUSCINETTI A RULLI CILINDRICI, A QUATTRO CORONE
CYLINDRICAL ROLLER BEARINGS, FOUR-ROW



Dimensioni (mm) Dimension (mm)				Coefficiente di carico (KN) Load rating (KN)		Peso (Kg) Weight (Kg)	Sigla Designation
d (mm)	D (mm)	B (mm)	c (mm)	Dinamico Dynamic C	Statico Static C ₀		
950	1300	850	850	32200	85000	3390	FCDP 190260850
	1360	975	975	34000	100000	4895	FCDP 190272975
	1360	1000	1000	37500	105000	5013	FCDP 1902721000
980	1310	880	800	28500	86500	3300	FCDP 196262880
1000	1360	800	800	27000	82800	3560	FCDP 200272800
1030	1380	850	850	29000	90500	3650	FCDP 206276850
1040	1440	1000	1000	37900	93500	5090	FCDP 2082881000
1200	1590	1050	1050	41800	13500	5980	FCDP 2403181050
1300	1655	890	880	39600	122000	4800	FCDP 260331880
1350	1765	1360	1360	40000	122000	9110	FCDP 2703531360
1400	1780	1200	1200	52300	163000	7380	FCDP 2703561200
	1900	1360	1360	61500	182000	11300	FCDP 2703801360