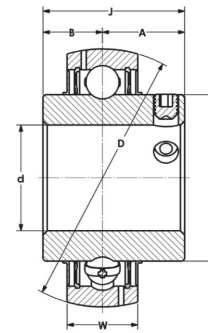


Ball Bearing Inserts

UC 300 PTI Series

Heavy Duty
Set Screw Lock
Metric and Inch Bores
Wide Inner Ring
Steel Cage



Part No.	Shaft Size d		Dimensions (mm) (in)						Basic load ratings		Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W	Dynamic CN	Static C ₀ N		
									lbf	lbf		
UC305-25MM	25		23	15	36.9	62	38	21	20600	11200		
UC305-14		7/8	0.906	0.59	1.45	2.4409	1.496	0.812	4700	2500	5900	.5
UC305-16		1										
UC306-30MM	30		26	17	45	72	43	23	26700	15000		
UC306-18		1-1/8	1.024	0.67	1.77	2.846	1.693	0.905	6070	3400	5200	.6
UC306-19		1-3/16										
UC307-35MM	35		29	19	50.5	80	48	25	32900	19200		
UC307-20		1-1/4	1.142	0.75	1.99	3.1496	1.890	0.984	7480	4400	4200	.7
UC307-22		1-3/8	1.142	0.75	1.99	3.1496	1.890	0.984	7480	4400		
UC307-23		1-7/16										
UC308-40MM	40		33	19	56	90	52	27	40260	23540		
UC308-24		1-1/2	1.299	0.75	2.21	3.5433	2.047	1.063	9150	5350	3900	1.0
UC309-45MM	45		35	22	63	100	57	30	50600	28820		
UC309-27		1-11/16	1.378	0.87	2.48	3.937	2.244	1.181	11500	6550	3300	1.3
UC309-28		1-3/4										
UC310-50MM	50		39	22	70.5	110	61	32	61600	37400		
UC310-30		1-7/8	1.535	0.87	3.78	4.3307	2.402	1.260	14000	8500	3100	1.7
UC310-31		1-15/16										
UC311-55MM	55		41	25	76.5	120	66	34	70400	44500		
UC311-32		2	1.614	0.98	3.01	4.7244	2.598	1.338	16000	10100	2700	2.1
UC311-35		2-3/16										
UC312-60MM	60		45	26	82.5	130	71	36	79200	51480		
UC312-39		2-7/16	1.772	1.02	3.25	5.1181	2.795	1.417	18000	11700	2400	2.6
UC313-65MM	65		45	30	88.5	140	75	38	92500	60000		
UC313-40		2-1/2	1.772	1.18	3.48	5.5118	2.953	1.496	21000	13600	2300	3.2
UC314-70MM	70		45	33	95	150	78	40	103400	68000		
UC314-44		2-3/4	1.772	1.30	3.75	5.9055	3.071	1.574	23500	15400	2100	3.8
UC315-75MM	75		50	32	101.5	160	82	42	112200	76340		
UC315-47		2-15/16	1.969	1.26	4.0	6.2992	3.228	1.653	25500	17350	1900	5.0
UC315-48		3	1.969	1.26	4.0	6.2992	3.228	1.653	25500	17350		
UC316-80MM	80		52	34	108	170	86	44	123000	85800		
UC316-51		3-3/16	2.047	1.34	4.25	6.6929	3.386	1.732	27500	19500	1850	5.4
UC317-85MM	85		56	40	114.5	180	96	46	131120	94600		
UC317-52		3-1/4	2.205	1.58	4.51	7.0866	3.780	1.811	29800	21500	1800	6.6
UC318-90MM	90		56	40	121	190	96	48	140800	105600		
UC318-56		3-1/2	2.205	1.58	4.76	7.4803	3.780	1.890	32000	24000	1650	7.3
UC319-95MM	95		62	41	127.5	200	103	50	151800	118800		
UC319-60		3-3/4	2.441	1.61	5.02	7.874	4.055	1.968	34500	27000	1575	8.7
UC320-100MM	100		66	42	135.5	215	108	54	171600	141000		
UC320-63		3-15/16	2.598	1.65	5.33	8.4646	4.252	2.126	39000	32000	1475	10.8
UC320-64		4										
UC321-105MM	105	—	68	44	142	225	112	56	182000	152000	1250	12.4
UC322-110MM	110	—	71	46	152	240	117	60	205000	178000	1200	14.5
UC324-120MM	120	—	75	51	165	260	126	64	207000	185000	1175	18.8
UC326-130MM	130	—	81	54	178	280	135	68	229000	215000	1175	23.3
UC328-140MM	140	—	86	59	191.5	300	145	73	255000	246000	1175	28.9