

AUTOMOTIVE BEARINGS

Wheel bearings

Automobile air conditioner bearing

Automotive water pump bearing

Automotive clutch release bearing



AUTOMOTIVE BEARINGS

Inntec manufactures bearings that make the vehicle safer, more comfortable and more environmentally-friendly. Our products include small and light high quality wheel hub bearings with sustained life, power-boosting water pump bearings crafted by advanced technology, tensioner bearings as a key component of automotive engine, smooth-running and wearing-resistant transmission bearings.

All our automotive wheel bearings, transmission and gear box bearings, generator bearings, clutch and tensioner bearings are manufactured with optimized design and advanced technology using premium heat-treated high carbon chromium bearing steel. They can be divided into five bearing categories: deep groove ball bearings, tapered roller bearings, angular contact ball bearings and needle roller bearings.

FEATURES

- Precision grade available with P0, P6 and P5.
- Optimized internal clearance in accord with working conditions as per customers' requirements.
- Cage material available with sheet steel, polyamide, brass and bakelite.
- Imported clean lubrication grease to reduce friction and achieve low-noise and heat-resistant performance and long life.
- Seals and shields preventing grease leakage and contamination.
- Optimized design to cope with high or low temperature environments.
- bearings with snap ring groove, snap ring or tension ring on one side or both sides are also available.
- various applications in axle, gear box, clutch, wheel hub, generator, starter motor, air conditioner, etc.

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InnTec Bearing

Wheel bearings

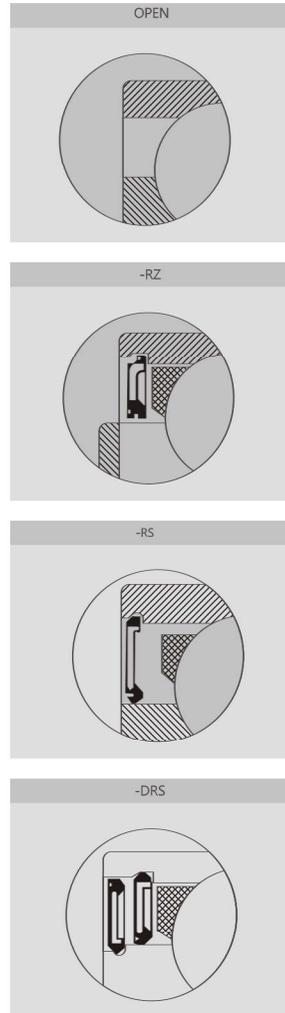
WHEEL HUB BEARINGS

Wheel bearings are used in cars and trucks with a maintenance-free function, light weight and large load bearing capacity. Three generations of wheel bearings have been developed over time.

Greased and sealed for life, the first generation wheel bearing cuts installation time and virtually eliminates problems caused by improper seal handling and bearing clearances. It is often equipped with a seal, on one side of the bearing unit, including an integrated magnetised ABS impulse wheel. First generation wheel bearings have no mounting flange and are mounted by a tight fit.

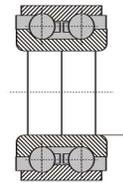
Combining a double-row ball bearing unit and an integral mounting flange, the second generation wheel bearing replaces the function of a separate bearing unit. Sealed for life with induction-hardened raceways, the second generation wheel bearing is used with non-driven front or rear wheels. Second generation wheel bearings have a mounting flange and are mounted by pressing.

Featuring two flanges one for installing to the wheel and brake rotor assembly, one for fixing to the suspension the third generation wheel bearing provides a significant simplification in corner design. Third generation wheel bearings are mounted by bolts.

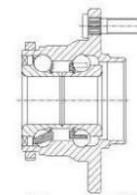


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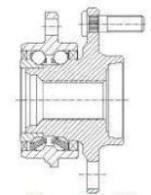
First generation wheel hub bearing



Second generation wheel hub bearing



Third generation wheel hub bearing



Wheel bearings



Second generation wheel hub bearing



Wheel bearings



Third generation wheel hub bearing



AUTOMOTIVE BEARINGS



Dimensions (mm)				Weight (kg)	Seal	Bearing numbers
d	D	B	C			
28	12	12	12	0.03	AC	DAC12280012
52	25	20.6	20.6	0.18	A	DAC255200206A
52	25	20.6	20.6	0.18	A	DAC255200206B
52	25	32	32	0.229	C	DAC25520032
52	25	37	37	0.31	C	DAC25520037
52	25	37	37	0.27	C	DAC25520037A
52	25	37	37	0.28	E	DAC25520037B
52	25	43	43	0.36	C	DAC25520043
52	25	43	43	0.35	C	DAC25520043A
55	25	43	43	0.44	C	DAC25550043
55	25	43	43	0.44	C	DAC25550043A
56	25	32	32	0.34	A	DAC25560032
72	25	43	43	0.88	C	DAC25720043
53	27	43	43	0.35	C	DAC27530043
60	27	50	50	0.56	C	DAC27600050
58	28	42	42	0.47	C	DAC28580042
58	28	42	42	0.49	E	DAC28580042A
61	28	42	42	0.56	D	DAC28610042
53	29	37	37	0.31	E	DAC29530037
54	30	24	24	0.201	A	DAC30540024
58	30	42	42	0.41	C	DAC30580042
60	30	37	37	0.42	C	DAC30600037
60	30	37	37	0.42	C	DAC30600037B
60.03	30	37	37	0.42	C	DAC30600337
60.03	30	37	37	0.42	C	DAC30600337B
60.03	30	37	37	0.41	B	DAC30600337C
64	29.99	42	42	0.49	C	DAC29990640042
65	30	26.4	26.4	0.36	A	DAC306500264
65	30	21	21	0.27	A	630374/C4
70	32	38	38	0.62	E	DAC32700038
62	34	37	37	0.41	C	DAC34620037
62	34	37	37	0.41	C	DAC34620037A



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d	D	B	C			
64	34	34	34	0.38	D	DAC34640034
64	34	37	37	0.43	B	DAC34640037
64	34	37	37	0.42	C	DAC34640037A
64	34	37	37	0.43	B	DAC34640037B
66	34	37	37	0.5	C	DAC34660037
67	34	37	37	0.504	C	DAC34670037
61.8	35	40	40	0.43	E	DAC35618040
64	35	37	37	0.41	B	DAC35640037
65	35	35	35	0.41	C	DAC35650035
65	35	35	35	0.41	S	DAC35650035A
65	35	35	35	0.43	E	DAC35650035B
65	35	37	37	0.43	D	DAC35650037
66	35	32	32	0.42	C	DAC35660032
66	35	33	33	0.43	C	DAC35660033
66	35	37	37	0.47	C	DAC35660037
66	35	37	37	0.47	C	DAC35660037A
68	35	37	37	0.52	C	DAC35680037
68	35	37	37	0.61	E	DAC35680037A
68	35	37	37	0.54	C	DAC35680037B
68.02	34.99	33	30	0.47	D	DAC34990680233/30
68	35	39	36	0.53	D	DAC35680039/36
72	35	28	28	0.49	D	DAC35720028
72.02	35	28	28	0.49	D	DAC35720228
72	35	33	33	0.57	C	DAC35720033
72	35	33	33	0.56	A	DAC35720033A
72.04	35	33	33	0.57	C	DAC35720433
72.02	35	33	31	0.56	D	DAC35720233/31
72	35	34	34	0.58	D	DAC35720034
72	35	34	34	0.58	A	DAC35720034A
68	36	33	33	0.48	D	DAC36680033
72.05	36	34	34	0.58	D	DAC36720534
72	37	33	33	0.5	E	DAC37720033



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d	D	B	C			
72	37	37	37	0.6	C	DAC37720037
72.02	37	37	37	0.6	C	DAC37720237
72.04	37	37	37	0.6	C	DAC37720437
74	37	45	45	0.79	C	DAC37740045
71	37.99	33	30	0.49	D	DAC37990710033/30
70	38.1	37	37	0.56	E	DAC38100700037
70	38	37	37	0.561	E	DAC38700037
70	38	38	38	0.55	B	DAC38700038
70	38	38	38	0.56	E	DAC38700038B
71.02	37.99	33	30	0.49	D	DAC37990710233/30
72.02	38	36	33	0.535	D	DAC38720236/33B
72	38	40	40	0.63	B	DAC38720040
72.02	37.99	36	33	0.54	D	DAC37990720236/33
73	38	40	40	0.67	B	DAC38730040
74	37.99	36	33	0.595	D	DAC37990740036/33
74.02	37.99	36	33	0.6	D	DAC37990740236/33
74.02	37.99	36	33	0.58	D	DAC37990740236/33B
74	38	50	50	0.78	S	DAC38740050
74.04	38	50	50	0.78	S	DAC38740450
68	39	37	37	0.48	B	DAC39680037
68.07	39	37	37	0.48	B	DAC39680737
72	39	37	37	0.57	B	DAC39720037
72	39	37	37	0.57	B	DAC39720037B
72	39	37	37	0.562	E	DAC39720037C
72.06	39	37	37	0.56	B	DAC39720637
74	39	39	39	0.66	C	DAC39740039
74	39	39	39	0.645	B	DAC39740039B
72	40	37	37	0.55	C	DAC40720037
72	40	37	37	0.55	E	DAC40720037A
74	40	36	34	0.57	D	DAC40740036/34
74	40	36	36	0.62	E	DAC40740036
74	40	40	40	0.66	C	DAC40740040



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Dimensions (mm)				Weight (kg)	Seal	Bearing numbers
d	D	B	C			
74	40	42	42	0.59	E	DAC40740042
75	40	37	37	0.62	C	DAC40750037
75	40	37	37	0.61	C	DAC40750037A
75	39/41	37	37	0.62	C	DAC39(41)750037
75	39/41	37	37	0.61	C	DAC39(41)750037A
76	40	33	33	0.6	E	DAC40760033
76	40	33	28	0.54	A	DAC40760033/28
76	40	41	38	0.69	A	DAC40760041/38
76.04	40	41	38	0.69	A	DAC40760441/38
80	40	30.2	30.2	0.66	D	DAC408000302
80	40	31	31	0.65	S	DAC40800031
80	40	36	34	0.73	D	DAC40800036/34
80	40	36	34	0.75	E	DAC40800036/34B
82	40	40	40			DAC40820040
84.06	40	38.8	39.7	1.01	E	DAC40840639/40
84.025	40	38	38	0.97	C	DAC408402538
75	42	37	37	0.59	C	DAC42750037
75	42	37	37	0.58	C	DAC42750037A
75	42	37	37	0.56	E	DAC42750037B
76	42	38	38	0.61	D	DAC42760038
76	42	38	35	0.58	D	DAC42760038/35
76	42	39	39	0.62	A	DAC42760039
76	42	40	37	0.53	A	DAC42760040/37
76	42	40	37	0.53	A	DAC42760040/37B
76	41.987	40	37	0.532	A	DAC4198760040/37B51
78	42	41	38	0.69	A	DAC42780041/38
78.05	42	41	38	0.69	C	DAC42780541/38
78	42	45	45	0.76	E	DAC42780045
80	42	36	34	0.71	E	DAC42800036/34
80	41.98	37	37	0.68	E	DAC41980800037
80.03	42	42	42	0.822	E	DAC42800342C
80	42	45	45	0.86	B	DAC42800045



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d	D	B	C			
80.03	42	42	42	0.81	C	DAC42800342
80.03	42	42	42	0.81	B	DAC42800342A
80.03	42	42	42	0.81	C	DAC42800342B
82	42	36	36	0.77	C	DAC42820036
82	42	36	36	0.78	E	DAC42820036B
82	42	37	37	0.77	C	DAC42820037
84	42	36	36			DAC42840036
84	42	39	39	0.93	S	DAC42840039
76	43	43	43	0.709	E	DAC43760043
79	43	41	38	0.68	E	DAC43790041/38
80	43	38	38	0.75	E	DAC43800038
80	43	50	45	0.81	D	DAC43800050/45
82	43	45	45	0.94	E	DAC43820045
82	43/45	37	37	0.76	C	DAC43(45)820037
85	43/45	37	37	0.91	E	DAC43(45)850037
82.5	44	37	37	0.73	E	DAC44825037
80	45	45	45	0.78	C	DAC45800045
80	45	45	45	0.78	B	DAC45800045B
84	45	41	39	0.844	E	DAC45840041/39
84	45	42	40	0.88	E	DAC45840042/40
84	45	39	39	0.85	C	DAC45840039
84	45	45	45	0.963	E	DAC45840045
85	45	23	23	0.54	D	DAC45850023
85	45	30.2	30.2	0.63	A	DAC458500302
85	45	41	41	0.89	A/B	DAC45850041
89	48	44	42	1.13	E	DAC48890044/42
88	49	46	46	1.05	C	DAC49880046
81.9	50.37	33	28	0.53	A	DAC50370819033/28
81.9	50.37	33	28	0.535	C	DAC50370819033/28A
90	50	34	34	0.82	A	DAC50900034
100	70	28	28	0.584	A	DAC70100028
100	70	32	32	0.692	A	DAC70100032



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d	D	B	C			
100	70	32	32	0.692	A	DAC70100032A
100	70	32	32	0.692	A	DAC70100032B
92.08	76.237	22.2	19	0.212	A	DAC76237920822/19
92.08	76.415	22.2	19	0.212	A	DAC76415920822/19
75	39/41	37	37	0.618	B	DAC39(41)750037B
75	40	37	37	0.618	B	DAC40750037B
72	35	33	33	0.583	B	DAC35720033B
66	35	37	37	0.472	B	DAC35660037B
82	43/45	37	37	0.84	B	DAC43(45)820037B
84	45	39	39	0.774	B	DAC45840039A
82	42	37	37	0.774	B	DAC42820037A
84.025	40	38	38	0.968	C	DAC408402538B
60.03	30	37	37	0.42	B	DAC3060037D
74.04	36.98	37	37	0.668	E	DAC37740437
72.04	39	38	38	0.577	E	DAC39720438
90	49	45	45	1.07	E	DAC49900045
82	42	36	36	0.774	B	DAC42820036B
82	43/45	37	37	0.84	B	DAC43(45)820037C
60.03	28	38	37	0.447	B	DAC28600338/37
58	28	42	42	0.475	B	DAC28580042B
72.04	35	33	33	0.581	E	DAC35720433A
72.04	35	33	33	0.583	B	DAC35720433B
72	38/40	42	37	0.64	B	DAC38(40)720041/37
71	38	39	39	0.571	E	DAC38710039
72.02	37.99	36	33	0.545	A	DAC38720236(33)A
72.08	40	36	36	0.535	E	DAC40720836
74	40	42	42	0.588	E	DAC40740042A
74	40	42	42	0.588	E	DAC40740042B
84	44	42	42	0.889	E	DAC44840042