



AUTO PARTS

Product Bulletin

CHA223 - Wheel Hub

Vehicles

BMW,

Technical Info

Fitting Position	Front Axle
Flange Ø (mm)	139
Inner Diameter (mm)	37
Number of ABS teeth	48
Pitch Circle Diameter (mm)	120



Cross References

A.B.S.	200197	BMW	31 22 6 757 024	FAG	713 6670 60
FIRST LINE	FBK403	GSP	9237002F	GSP	9237002K
MASTER-SPORT	3667-SET-MS	MOTAQUIP	LVBW477	MOTAQUIP	VBK477
QH	QWB786	SKF	VKBA 3667	SKF	VKBA3667
SNR	R150.22				

Notes:

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Buyers Guide

Make/Model	Litre	CC	Engine	HP	Model Year	Fitted Period
BMW 3 (E36)	1.6	1596	Petrol	100	3/1991 - 8/1993	
BMW 3 (E36)	3.0	2990	Petrol	286	10/1994 - 7/1995	
BMW 3 (E36)	1.6	1596	Petrol	102	9/1990 - 9/1993	
BMW 3 (E36)	3.2	3201	Petrol	321	10/1995 - 1/1998	
BMW 3 (E36)	1.9	1895	Petrol	140	1/1996 - 5/1998	
BMW 3 (E36)	1.8	1796	Petrol	115	9/1993 - 11/1998	
BMW 3 (E36)	2.5	2494	Petrol	170	5/1995 - 11/1998	
BMW 3 (E36)	2.8	2793	Petrol	193	1/1995 - 4/1998	
BMW 3 (E36)	1.7	1665	Diesel	90	1/1995 - 2/1998	
BMW 3 (E36)	2.5	2497	Diesel	143	5/1993 - 2/1998	
BMW 3 (E36)	1.6	1596	Petrol	102	9/1993 - 5/1998	
BMW 3 (E36)	1.8	1796	Petrol	113	9/1990 - 8/1993	
BMW 3 (E36)	1.8	1796	Petrol	140	9/1993 - 12/1995	
BMW 3 (E36)	2.0	1991	Petrol	150	1/1991 - 2/1998	
BMW 3 (E36)	2.5	2494	Petrol	192	9/1990 - 12/1995	
BMW 3 (E36)	2.5	2497	Diesel	115	9/1991 - 2/1998	
BMW 3 (E46)	2.2	2171	Petrol	170	9/2000 - 2/2005	
BMW 3 (E46)	2.5	2494	Petrol	192	9/2000 - 2/2005	
BMW 3 (E46)	1.6	1596	Petrol	105	4/2000 - 2/2005	
BMW 3 (E46)	2.0	1995	Petrol	143	9/2001 - 2/2005	
BMW 3 (E46)	2.0	1995	Diesel	150	9/2001 - 5/2005	
BMW 3 (E46)	2.0	1951	Diesel	116	9/2001 - 3/2003	
BMW 3 (E46)	1.8	1796	Petrol	115	2/2002 - 2/2005	
BMW 3 (E46)	3.0	2993	Diesel	204	3/2003 - 2/2005	
BMW 3 (E46)	2.0	1995	Diesel	116	3/2003 - 2/2005	
BMW 3 (E46)	1.6	1596	Petrol	115	6/2002 - 2/2005	

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Make/Model	Litre	CC	Engine	HP	Model Year	Fitted Period
BMW 3 (E46)	3.0	2979	Petrol	231	6/2000 - 2/2005	
BMW 3 (E46)	3.0	2926	Diesel	184	10/1999 - 2/2005	
BMW 3 (E46)	1.9	1895	Petrol	105	12/1998 - 2/2002	
BMW 3 (E46)	2.0	1951	Diesel	129	2/1998 - 8/2001	
BMW 3 (E46)	2.0	1995	Petrol	136	9/2001 - 2/2005	
BMW 3 (E46)	3.0	2979	Petrol	228	1/2001 - 4/2005	
BMW 3 (E46)	2.2	2171	Petrol	163	9/2000 - 2/2005	
BMW 3 (E46)	2.5	2494	Petrol	163	3/1998 - 9/2000	
BMW 3 (E46)	1.9	1895	Petrol	118	12/1997 - 9/2001	
BMW 3 (E46)	2.8	2793	Petrol	193	2/1998 - 6/2000	
BMW 3 (E46)	2.0	1951	Diesel	136	4/1998 - 9/2001	
BMW 3 (E46)	2.5	2494	Petrol	170	3/1998 - 9/2000	
BMW 3 (E46)	2.0	1991	Petrol	150	3/1998 - 9/2000	
BMW 3 Compact (E36)	1.9	1895	Petrol	105	1/1999 - 8/2000	
BMW 3 Compact (E36)	1.6	1596	Petrol	102	2/1996 - 8/2000	
BMW 3 Compact (E36)	2.5	2494	Petrol	170	9/1997 - 8/2000	
BMW 3 Compact (E36)	1.9	1895	Petrol	140	1/1996 - 8/1999	
BMW 3 Compact (E36)	1.8	1796	Petrol	140	9/1994 - 12/1995	
BMW 3 Compact (E36)	1.7	1665	Diesel	90	6/1995 - 8/2000	
BMW 3 Compact (E36)	1.6	1596	Petrol	102	1/1994 - 8/2000	
BMW 3 Compact (E36)	2.5	2494	Petrol	163	1/1999 - 8/2000	
BMW 3 Compact (E46)	2.0	1995	Diesel	115	3/2003 - 2/2005	
BMW 3 Compact (E46)	2.0	1995	Diesel	150	9/2001 - 2/2005	
BMW 3 Compact (E46)	2.0	1995	Petrol	143	3/2001 - 12/2004	
BMW 3 Compact (E46)	2.5	2494	Petrol	192	4/2001 - 12/2004	
BMW 3 Compact (E46)	1.8	1796	Petrol	115	6/2001 - 2/2005	

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CHA223 - Wheel Hub

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BMW 3 Compact (E46)	1.6	1596	Petrol	115	6/2002 - 2/2005	
BMW 3 Compact (E46)	1.6	1596	Petrol	105	6/2002 - 2/2005	
BMW 3 Convertible (E36)	3.2	3201	Petrol	321	3/1996 - 9/1999	
BMW 3 Convertible (E36)	2.5	2494	Petrol	170	5/1995 - 11/1999	
BMW 3 Convertible (E36)	2.8	2793	Petrol	193	1/1995 - 11/1999	
BMW 3 Convertible (E36)	3.0	2990	Petrol	286	4/1994 - 7/1995	
BMW 3 Convertible (E36)	1.8	1796	Petrol	115	3/1994 - 11/1999	
BMW 3 Convertible (E36)	2.5	2494	Petrol	192	3/1993 - 8/1995	
BMW 3 Convertible (E36)	2.0	1991	Petrol	150	12/1993 - 11/1999	
BMW 3 Convertible (E36)	1.8	1796	Petrol	140	1/1994 - 12/1995	
BMW 3 Convertible (E46)	2.0	1995	Petrol	150	2/2005 - 12/2007	10/2005 - 1/2007
BMW 3 Convertible (E46)	3.0	2993	Diesel	204	8/2005 - 12/2007	> 1/2007
BMW 3 Convertible (E46)	2.0	1995	Diesel	150	2/2005 - 12/2007	> 1/2007
BMW 3 Convertible (E46)	2.0	1995	Petrol	143	9/2001 - 12/2007	
BMW 3 Convertible (E46)	2.5	2494	Petrol	192	9/2000 - 8/2006	
BMW 3 Convertible (E46)	2.2	2171	Petrol	170	9/2000 - 12/2007	
BMW 3 Convertible (E46)	3.0	2979	Petrol	231	6/2000 - 8/2006	
BMW 3 Convertible (E46)	2.5	2494	Petrol	170	4/2000 - 9/2000	
BMW 3 Convertible (E46)	2.0	1995	Petrol	136	12/2000 - 8/2006	
BMW 3 Convertible (E46)	2.5	2494	Petrol	163	4/2000 - 9/2000	
BMW 3 Convertible (E46)	2.2	2171	Petrol	163	1/2006 - 12/2007	
BMW 3 Coupe (E36)	3.0	2990	Petrol	295	9/1993 - 5/1995	
BMW 3 Coupe (E36)	1.9	1895	Petrol	140	9/1995 - 4/1999	
BMW 3 Coupe (E36)	2.5	2494	Petrol	170	5/1995 - 4/1999	
BMW 3 Coupe (E36)	3.2	3201	Petrol	321	10/1995 - 11/1998	
BMW 3 Coupe (E36)	2.8	2793	Petrol	193	1/1995 - 4/1999	

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Make/Model	Litre	CC	Engine	HP	Model Year	Fitted Period
BMW 3 Coupe (E36)	3.0	2990	Petrol	286	11/1992 - 7/1995	
BMW 3 Coupe (E36)	1.6	1596	Petrol	102	9/1993 - 11/1998	
BMW 3 Coupe (E36)	2.5	2494	Petrol	192	10/1991 - 2/1995	
BMW 3 Coupe (E36)	2.0	1991	Petrol	150	12/1991 - 11/1998	
BMW 3 Coupe (E36)	1.8	1796	Petrol	140	1/1992 - 12/1995	
BMW 3 Coupe (E46)	2.5	2494	Petrol	192	9/2000 - 5/2006	
BMW 3 Coupe (E46)	1.6	1596	Petrol	105	4/2000 - 7/2006	
BMW 3 Coupe (E46)	2.0	1995	Petrol	143	12/2000 - 5/2006	
BMW 3 Coupe (E46)	3.0	2993	Diesel	204	3/2003 - 7/2006	
BMW 3 Coupe (E46)	2.0	1995	Diesel	150	11/2003 - 7/2006	
BMW 3 Coupe (E46)	1.6	1596	Petrol	115	6/2002 - 7/2006	
BMW 3 Coupe (E46)	2.0	1995	Petrol	150	3/2005 - 7/2006	10/2005 >
BMW 3 Coupe (E46)	2.2	2171	Petrol	170	1/2000 - 5/2006	
BMW 3 Coupe (E46)	1.9	1895	Petrol	118	12/1999 - 8/2001	
BMW 3 Coupe (E46)	2.0	1991	Petrol	150	2/1999 - 8/2001	
BMW 3 Coupe (E46)	3.0	2979	Petrol	231	6/2000 - 5/2006	
BMW 3 Coupe (E46)	2.2	2171	Petrol	163	1/2000 - 5/2006	
BMW 3 Coupe (E46)	2.0	1995	Petrol	136	12/2000 - 5/2006	
BMW 3 Coupe (E46)	1.9	1895	Petrol	116	12/1999 - 8/2001	
BMW 3 Coupe (E46)	2.5	2494	Petrol	163	4/1999 - 9/2000	
BMW 3 Coupe (E46)	2.5	2494	Petrol	170	4/1999 - 9/2000	
BMW 3 Coupe (E46)	2.8	2793	Petrol	193	12/1998 - 5/2000	
BMW 3 Touring (E36)	1.6	1596	Petrol	102	3/1997 - 5/1999	
BMW 3 Touring (E36)	1.8	1796	Petrol	116	9/1995 - 4/1999	
BMW 3 Touring (E36)	2.5	2494	Petrol	170	12/1995 - 4/1999	
BMW 3 Touring (E36)	2.5	2503	Diesel	143	3/1995 - 4/1999	

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BMW 3 Touring (E36)	1.7	1665	Diesel	90	3/1995 - 4/1999	
BMW 3 Touring (E36)	2.8	2793	Petrol	193	2/1995 - 4/1999	
BMW 3 Touring (E36)	2.0	1991	Petrol	150	1/1995 - 4/1999	
BMW 3 Touring (E46)	2.5	2494	Petrol	192	9/2000 - 2/2005	
BMW 3 Touring (E46)	2.0	1995	Diesel	150	9/2001 - 2/2005	
BMW 3 Touring (E46)	2.0	1995	Petrol	143	9/2001 - 2/2005	
BMW 3 Touring (E46)	1.8	1796	Petrol	115	3/2002 - 2/2005	
BMW 3 Touring (E46)	2.0	1951	Diesel	115	10/2002 - 3/2003	
BMW 3 Touring (E46)	3.0	2993	Diesel	204	3/2003 - 2/2005	
BMW 3 Touring (E46)	2.0	1995	Diesel	116	3/2003 - 2/2005	
BMW 3 Touring (E46)	2.2	2171	Petrol	170	9/2000 - 2/2005	
BMW 3 Touring (E46)	3.0	2979	Petrol	231	6/2000 - 2/2005	
BMW 3 Touring (E46)	1.9	1895	Petrol	116	10/1999 - 9/2001	
BMW 3 Touring (E46)	2.2	2171	Petrol	163	9/2000 - 2/2005	
BMW 3 Touring (E46)	2.0	1991	Petrol	150	10/1999 - 9/2000	
BMW 3 Touring (E46)	1.9	1895	Petrol	118	10/1999 - 9/2001	
BMW 3 Touring (E46)	2.8	2793	Petrol	193	6/1999 - 5/2000	
BMW 3 Touring (E46)	2.0	1951	Diesel	136	3/2000 - 9/2001	
BMW 3 Touring (E46)	3.0	2926	Diesel	184	10/1999 - 2/2005	
BMW 5 (E34)	2.5	2497	Diesel	115	3/1993 - 8/1995	
BMW 5 (E34)	1.8	1796	Petrol	113	9/1989 - 4/1994	
BMW 5 (E34)	1.8	1796	Petrol	115	5/1994 - 8/1995	
BMW 5 (E34)	4.0	3982	Petrol	286	9/1992 - 12/1995	
BMW 5 (E34)	3.4	3430	Petrol	211	11/1987 - 2/1993	
BMW 5 (E34)	3.0	2997	Petrol	218	9/1992 - 12/1995	
BMW 5 (E34)	2.5	2503	Diesel	143	9/1991 - 8/1995	

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BMW 5 (E34)	2.0	1990	Petrol	129	6/1987 - 9/1990	
BMW 5 (E34)	2.0	1991	Petrol	150	4/1990 - 8/1995	
BMW 5 (E34)	2.4	2443	Diesel	115	3/1988 - 8/1991	
BMW 5 (E34)	2.5	2494	Petrol	170	2/1988 - 8/1990	
BMW 5 (E34)	2.5	2494	Petrol	192	3/1990 - 12/1995	
BMW 5 Touring (E34)	1.8	1796	Petrol	115	5/1994 - 7/1996	
BMW 5 Touring (E34)	1.8	1796	Petrol	113	4/1993 - 4/1994	
BMW 5 Touring (E34)	2.5	2497	Diesel	115	3/1993 - 7/1996	
BMW 5 Touring (E34)	1.8	1796	Petrol	115	2/1996 - 7/1996	
BMW 5 Touring (E34)	4.0	3982	Petrol	286	9/1993 - 7/1996	
BMW 5 Touring (E34)	2.5	2503	Diesel	143	12/1991 - 7/1996	
BMW 5 Touring (E34)	2.5	2494	Petrol	192	7/1991 - 7/1996	
BMW 5 Touring (E34)	2.0	1991	Petrol	150	7/1991 - 7/1996	
BMW 7 (E32)	5.0	4988	Petrol	300	9/1987 - 9/1994	
BMW 7 (E32)	4.0	3982	Petrol	286	5/1992 - 3/1994	
BMW 7 (E32)	3.4	3430	Petrol	211	6/1986 - 6/1992	
BMW 7 (E32)	3.0	2997	Petrol	218	4/1992 - 9/1994	
BMW 7 (E32)	3.0	2986	Petrol	188	7/1986 - 3/1994	
BMW 7 (E32)	3.0	2986	Petrol	197	12/1986 - 9/1994	
BMW 8 (E31)	4.4	4398	Petrol	286	3/1996 - 6/1999	
BMW 8 (E31)	4.0	3982	Petrol	286	3/1993 - 2/1996	
BMW 8 (E31)	5.4	5379	Petrol	326	9/1994 - 12/1999	
BMW 8 (E31)	5.0	4988	Petrol	300	1/1990 - 8/1994	
BMW Z3 Coupe (E36)	2.8	2793	Petrol	193	7/1997 - 6/2000	
BMW Z3 Coupe (E36)	3.2	3201	Petrol	321	2/1998 - 6/2001	
BMW Z3 Coupe (E36)	3.0	2979	Petrol	231	6/2000 - 6/2003	

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BMW Z3 Coupe (E36)	3.2	3246	Petrol	325	6/2001 - 6/2003	
BMW Z3 Roadster (E36)	2.0	1991	Petrol	150	4/1999 - 1/2003	
BMW Z3 Roadster (E36)	1.9	1895	Petrol	116	1/1999 - 1/2003	
BMW Z3 Roadster (E36)	3.0	2979	Petrol	231	6/2000 - 1/2003	
BMW Z3 Roadster (E36)	2.2	2171	Petrol	170	10/2000 - 6/2002	
BMW Z3 Roadster (E36)	3.2	3246	Petrol	325	6/2001 - 1/2003	
BMW Z3 Roadster (E36)	1.9	1895	Petrol	118	7/1998 - 1/2003	
BMW Z3 Roadster (E36)	3.2	3201	Petrol	321	1/1997 - 6/2000	
BMW Z3 Roadster (E36)	2.8	2793	Petrol	194	1/1996 - 7/2000	
BMW Z3 Roadster (E36)	2.2	2171	Petrol	163	8/2000 - 1/2003	
BMW Z3 Roadster (E36)	1.9	1895	Petrol	140	11/1995 - 3/1999	
BMW Z3 Roadster (E36)	1.8	1796	Petrol	116	10/1995 - 10/1998	
BMW Z3 Roadster (E36)	2.8	2793	Petrol	193	11/1996 - 5/2000	
BMW Z4 Coupe (E86)	3.0	2996	Petrol	265	4/2006 - 8/2008	> 7/2007
BMW Z4 Roadster (E85)	2.5	2497	Petrol	218	1/2006 - 8/2008	> 7/2007
BMW Z4 Roadster (E85)	2.5	2497	Petrol	177	9/2005 - 2/2009	> 7/2007
BMW Z4 Roadster (E85)	2.0	1995	Petrol	150	3/2005 - 2/2009	> 7/2007
BMW Z4 Roadster (E85)	2.2	2171	Petrol	170	10/2003 - 10/2005	
BMW Z4 Roadster (E85)	2.5	2494	Petrol	192	2/2003 - 12/2005	
BMW Z4 Roadster (E85)	3.0	2979	Petrol	231	9/2002 - 12/2005	
BMW Z4 Roadster (E85)	2.5	2497	Petrol	211	9/2005 - 2/2009	
BMW Z4 Roadster (E85)	3.0	2996	Petrol	265	1/2006 - 8/2008	

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