

Cam Profiles

Contributed by Administrator
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The following are stock cam profiles from pretty much all the B-series motors. Use it when swapping cams, or having stock cams reground to new specs. Now you know what you're dealing with!

Motor & year	Inlet lift, opens, closes			exhaust lift, open, close		
	(mm)	(BTDC)	(ATDC)	(mm)	(BBDC)	(ATDC)
B202t -1985	8.65/6.65**	16	56	8.65	56	10
B202t cat -86	8.65/6.65**	16	56	8.65	56	10
B202t 1986-	8.65	16	56	8,65	61	13
B202t cat 87-	8.65	16	56	8,65	61	13
B202i 1986-	8.65	16	44	8,65	61	13
B212i 1991-	8.65	16	44	8,65	61	13
B234i 90-93	8.65	13	53	8.65	50	16
B234t 91-93	8.65	13	53	8.65	50	16
B204all 94-	8.65	14	46	8.65	44	16
B234t 94-	8.65	14	46	8.65	44	16
B234i 94-	8.65	13	53	8.65	48	18

** - the difference in the height of the two lobes is for swirl in the combustion chamber

BTDC - Before Top Dead Center

ATDC - After " " "

BBDC - Before Bottom Dead Center

B202i:

B = Gasoline (Bransle in Swedish)

20 = displacement in deciliters 20=2l, 21 = 2.1l, etc.

2 = # of cam (or other) shafts 2 = slant block, 4 = balance shaft block

i = injection, t=turbo, all=all variants (i thru t)

cat = means with catalyst