


BE01.00-P-1000-01B	Compression pressure			
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ENGINE 111.920/921/940/941/942/943/944/945/946/947/960/961/970/973/974/975/977, 133, 152, 156, 157, 159, 270, 271.820/860/861/910/921/940/941/944/946/948/950/952/954/955/956, 272, 273, 274.910/920, 276, 278

Compression pressure

Number	Designation		ENGINE 111.920/960/961 ε 9.8	ENGINE 111.920/921/960/961 ε 8.5 (fuel- optimized)
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	10,5...14	7,5...10,5
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	–	–

Compression pressure

Number	Designation		ENGINE 111.940/941/942 ε 9.6	ENGINE 111.940/941 ε 8.5 (fuel- optimized)
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	10,5...14	7,5...10,5
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	–	–

Compression pressure

Number	Designation		ENGINE 111.921/945/946/970/ 974/977 ε 10.4	ENGINE 111.943/944/947 ε 8.5
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	11...15	7,5...10,5
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	–	–

Compression pressure

Number	Designation		ENGINE 111.973/975 ε 8.8	ENGINE 111.945/946 ε 8.8 (fuel- optimized)
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	7,5...10,5	7,5...10,5
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	–	–

Compression pressure

Number	Designation		ENGINE 133	ENGINE 152
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	10...14	10...14
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤2,0	≤2,0
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	8,0	8

Compression pressure

Number	Designation		ENGINE 156	ENGINE 157
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	14...18	12...16
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤2,0	≤2,0
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	11	10

Compression pressure

Number	Designation		ENGINE 159	ENGINE 270.910
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	12...16	10...14
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤2,0
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	10	8

Compression pressure

Number	Designation		ENGINE 270.920 except CODE 924	ENGINE 270.920 with CODE 924
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	13,5...17,5	13,0...17,0
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	11,5	11,0

Compression pressure

Number	Designation		ENGINE 271.820	ENGINE 271.860/861
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	12,0 ... 16,0	11,7...14,2
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	10,0	≈9

Compression pressure

Number	Designation		ENGINE 271.910/940/941/944/ 946/952	ENGINE 271.921
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	11,5...14	11,5...13,5
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	≈9	≈9

Compression pressure

Number	Designation		ENGINE 271.948/950/954/955/ 956	ENGINE 272
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	12...14,5	10...12,5
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	≈10	8

Compression pressure

Number	Designation		ENGINE 273	ENGINE 274.910
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	12...15	12...16
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5

BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	10	10
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Compression pressure

Number	Designation		ENGINE 274.920 except model 212	ENGINE 274.920 in MODEL 212 except CODE 924
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	13,5...17,5	13,5...17,5
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	11,5	11,5

Compression pressure

Number	Designation		ENGINE 274.920 in MODEL 212 with CODE 924	ENGINE 276
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	13,0 ... 17,0	12,0 ... 16,0
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	11,0	10,0

Compression pressure

Number	Designation		ENGINE 278
BE01.00-P-1001-01B	Compression pressure: installation tolerance or new value	bar	12...16
BE01.00-P-1002-01B	Compression pressure: permissible difference between individual cylinders	bar	≤1,5
BE01.00-P-1003-01B	Compression pressure: wear limit or limit value	bar	10