

ENGINE 271.8/9

Check values for cylinder bore

Number	Designation			ENGINE 271.8	ENGINE 271.9
BE01.40-P-1001-01H	Cylinder bore diameter	Step marking X	mm	82,000...82,010	82,000...82,010
		Category ID [⊗]	mm	82,050...82,065	82,050...82,060
BE01.40-P-1002-01H	Cylinder bore	Wear limit in longitudinal and transverse direction	mm	–	0,10
BE01.40-P-1003-01H	Cylinder bore	Permissible difference of cylinder shape (when new)	mm	–	0,007
		Wear limit	mm	–	0,05
BE01.40-P-1004-01H	Cylinder bore	Permissible deviation from perpendicular to cylinder top	mm	–	0,05
BE01.40-P-1005-01H	Cylinder bore	Basic peak-to-valley height (R3zz) after final-honing and brushing	mm	–	0,0015...0,0035
BE01.40-P-1006-01H	Cylinder bore	Max. peak-to-valley height (Rmax)	mm	–	0,006
BE01.40-P-1007-01H	Cylinder bore	Honing angle	Δ°	–	30 (– 7)