Manner of	Location where variability	Effective and operating
valve actuation	takes effect	principle
		Electrical systems 1.1
Systems without camshaft		Pneumatic systems 1.2
		Hydraulic systems 1.3
		Mechanical systems 1.4
Systems with camshaft		Mech. & hydr. variable camshaft control
Usage of conventional	Variability at camshaft drive	mechanical camshaft drive with non-uniform movement 2.1.1.2
		Mechanical 2.1.2.1 Hydraulic closed 2.1.2.2
	Variability at transfer link between cam and valve	system 2.1.2.2 Hydraulical systems 2.1.2.3
	Valvo	Hydraulical systems
camshafts		with timed drainage
	Variability by means of additional camshaft	Mechanical modulation of two Camshafts 2.1.3.1
	Variability at the valve spring	Solenoid-action 2.1.4.1
	Variability at the valve seat	Mechanical 2.1.5.1
Usage of special-type camshaft	Variability at the cam	Mechanical shifting of Cam Parts 2.2.1.1
	Variability by means of axial camshaft movement	Mechanical variability via 3-D cams 2.2.2.1
	Variation between cam and valve	Valve closes freely mechanically 2.2.3.1
		remaining systems 3.1