BE07.11-P-2000-01A	Emissions test AU specifications inline injection pump with mechanical control	Engine 601, 602, 603, 605, 606, 615, 616, 617	h

Emission test specifications inline injection pump with mechanical control

Number	Designation			Engine 601.911 in model 201.122	Engine 601.912 in model 124.120/ 180
BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			4	4
	Number of pulses data link connector	per revolution		-	-
	Idling speed		rpm	650...850	650...850
	Maximum speed	unloaded	rpm	4900...5400	4900...5400
	Opacity value test mode B probe 1	free acceleration	≤ rpm	2.1	2.1
	On engines with pneumatic governor		≤ rpm	-	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	4500	4500
			≤ rpm	2.0	2.0
	In test locations above 500 meters geographical altitude		≤ rpm	2.3	2.3
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation			Engine 601.913 in model 202.120	Engine 602.911 in model 201.126
BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			4	5
	Number of pulses data link connector	per revolution		-	-
	Idling speed		rpm	650...850	610...800
	Maximum speed	unloaded	rpm	4900...5400	4900...5400
	Opacity value test mode B probe 1	free acceleration	≤ rpm	1.9	2.1
	On engines with pneumatic governor		≤ rpm	-	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	4500	4500
			≤ rpm	2.0	2.1
	In test locations above 500 meters geographical altitude		≤ rpm	2.3	2.3
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation			Engine 602.912 in model 124.105/ 106/125/ 127/185	Engine 602.931 in model 463.304/ 324/325
BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			5	5
	Number of pulses data link connector	per revolution		-	-
	Idling speed		rpm	610...800	560...800
	Maximum speed	unloaded	rpm	4900...5400	4900...5400
	Opacity value test mode B probe 1	free acceleration	≤ rpm	2.1	2.1
	On engines with pneumatic governor		≤ rpm	4500	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	-	4500
			≤ rpm	2.1	2.0
	In test locations above 500 meters geographical altitude		≤ rpm	2.3	2.3
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation			Engine 602.961 in model 201.128	Engine 602.962 in model 124.128
BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			5	5
	Number of pulses data link connector	per revolution		-	144
	Idling speed		rpm	610...810	610...810
	Maximum speed	unloaded	rpm	4900...5400	4900...5400
	Opacity value test mode B probe 1	free acceleration	≤ rpm	2.5	2.5
	On engines with pneumatic governor		≤ rpm	-	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	4500	4500
			≤ rpm	1.8	1.8
	In test locations above 500 meters geographical altitude		≤ rpm	1.8	1.8
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation	Engine 603.912 in model 124.130/ 190	Engine 603.913 in model 124.330

BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			6	6
	Number of pulses data link connector	per revolution		144	144
	Idling speed		rpm	560...700	610...750
	Maximum speed	unloaded	rpm	4900...5400	4900...5400
	Opacity value test mode B probe 1	free acceleration	≤ rpm	2.1	2.1
	On engines with pneumatic governor		≤ rpm	-	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	4500	4500
			≤ rpm	2.0	2.0
	In test locations above 500 meters geographical altitude		≤ rpm	2.3	2.3
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation			Engine 603.960 in model 124.133/ 193	Engine 603.963 in model 124.333/ 393
BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			6	6
	Number of pulses data link connector	per revolution		144	144
	Idling speed		rpm	560...750	610...750
	Maximum speed	unloaded	rpm	4900...5400	4900...5400
	Opacity value test mode B probe 1	free acceleration	≤ rpm	2.5	2.5
	On engines with pneumatic governor		≤ rpm	-	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	4500	4500
			≤ rpm	1.8	1.8
	In test locations above 500 meters geographical altitude		≤ rpm	1.8	1.8
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation	Engine 603.971 in model 140.134	Engine 603.972 in model 463.321

BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			6	6
	Number of pulses data link connector	per revolution		144	144
	Idling speed		rpm	510...710	510...710
	Maximum speed	unloaded	rpm	4500...5000	4500...5000
	Opacity value test mode B probe 1	free acceleration	≤ rpm	2.5	2.5
	On engines with pneumatic governor		≤ rpm	-	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	3900	3900
			≤ rpm	1.8	1.8
	In test locations above 500 meters geographical altitude		≤ rpm	1.8	1.8
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation			Engine 605.911 in model 124.104/ 107/126/ 129/186	Engine 606.910 in model 124.131/ 191
BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			5	6
	Number of pulses data link connector	per revolution		144	144
	Idling speed		rpm	600...800	530...730
	Maximum speed	unloaded	rpm	5200...5600	5200...5600
	Opacity value test mode B probe 1	free acceleration	≤ rpm	1.9	1.9
	On engines with pneumatic governor		≤ rpm	-	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	4900	4900
			≤ rpm	1.8	1.8
	In test locations above 500 meters geographical altitude		≤ rpm	1.8	1.8
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation	Engine 615.940 in model 123.120	Engine 615.941 in model 123.126

BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			4	4
	Number of pulses data link connector	per revolution		-	-
	Idling speed		rpm	650...850	650...850
	Maximum speed	unloaded	rpm	4700...5300	4600...5400
	Opacity value test mode B probe 1	free acceleration	≤ rpm	2.8	2.8
	On engines with pneumatic governor		≤ rpm	3.2	3.2
	Opacity value	full load, drive position "3" or 3rd gear	rpm	4100	4100
			≤ rpm	3.3	3.3
	In test locations above 500 meters geographical altitude		≤ rpm	3.8	3.8
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation			Engine 616.912 in model 123.102/ 103/123/183	Engine 617.912 in model 123.105/ 130/190
BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			4	5
	Number of pulses data link connector	per revolution		-	-
	Idling speed		rpm	650...850	600...800
	Maximum speed	unloaded	rpm	4700...5300	4700...5300
	Opacity value test mode B probe 1	free acceleration	≤ rpm	2.8	2.8
	On engines with pneumatic governor		≤ rpm	3.2	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	4300	3900
			≤ rpm	3.3	3.3
	In test locations above 500 meters geographical altitude		≤ rpm	3.8	3.8
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation	Engine 617.950 in model 116.120	Engine 617.951 in model 126.120

BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70	≥70
	Number of cylinders			5	5
	Number of pulses data link connector	per revolution		-	-
	Idling speed		rpm	650...850	650...850
	Maximum speed	unloaded	rpm	4700...5400	4700...5400
	Opacity value test mode B probe 1	free acceleration	≤ rpm	2.8	2.8
	On engines with pneumatic governor		≤ rpm	-	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	4300	4300
			≤ rpm	2.1	2.1
	In test locations above 500 meters geographical altitude		≤ rpm	-	-
	Holding time for governed speed		S	1.0	1.0
	Measuring time tx		S	1.0	1.0

Emission test specifications inline injection pump with mechanical control

Number	Designation			Engine 617.952 in model 123.193
BE07.11-P-2001-01A	Engine temperature	Coolant	°C	≥70
	Number of cylinders			5
	Number of pulses data link connector	per revolution		-
	Idling speed		rpm	650...850
	Maximum speed	unloaded	rpm	4700...5400
	Opacity value test mode B probe 1	free acceleration	≤ rpm	2.8
	On engines with pneumatic governor		≤ rpm	-
	Opacity value	full load, drive position "3" or 3rd gear	rpm	4300
			≤ rpm	2.1
	In test locations above 500 meters geographical altitude		≤ rpm	-
	Holding time for governed speed		S	1.0
	Measuring time tx		S	1.0