

مشخصات کامل موتور دیزل

Engine model	R6105AZLD
Type	In-line, water cooled, 4-stroke, direct injection
Rated output (kw/kva)	110/137.5
Standby output (kw/kva)	121/151.25
Aspiration	Turbocharged intercooled
No of cyl	6
Bore(mm) x stroke(mm)	105x130
Displacement(liters)	6.75
Compression	16 1
Speed rated(r/min)	1500
Governor	Mechanical or electronic
Steady governing	≤ 5%(mechanical), ≤ 1%(electronic)
Speed regulation	≤ 0.5%(mechanical) ≤ 0.25%(electronic)
Fuel consumption(g/kw. H)	225
Oil consumption(g/kw. H)	≤ 1.63
Oil sump(l)	16
Mean effective(kpa)	1426
Exhaust gas temperature (; c)	≤ 600
Exhaust gas(m ³ /h)	1524
Exhaust gas back pressure max permissible (kpa)	6.5
Cooling air requirements for fan-cooled radiator(m ³ /h)	12960
Air for combustion(m ³ /h)	528
Cooling water(l)	25
Power input for fan(kw)	4.5
Starter motor	24v5.2kw
Charging alternator	28v12.5a
Flywheel #	Sae3#
Flywheel measurement	Sae3#---11.5
Firing order	1-5-3-6-2-4
Net weight(kg)	620
Dimension(mm)	(l) 1287
	(w) 819
	(h) 1274