

Test Specification Data
0T-3069/01Z02612

Engine Model:3208 Combustion:DI Aspiration:T

Description	Nominal	Ceiling	Floor
Corr Full Load Power	225.0 kW	231.8 kW	218.3 kW
Full Load Speed	2800 RPM	2810 RPM	2790 RPM
Governor Setting Speed	2865 RPM	2870 RPM	2860 RPM
High Idle Speed	3020 RPM	3120 RPM	2920 RPM
Low Idle Speed	650 RPM	675 RPM	625 RPM
FL Static Fuel Setting	4.94 mm		
FT Static Fuel Setting	5.04 mm		
FLS (Intercept)	0		
FTS (Slope)	0		
Corrected Fuel Rate	899.7 G/min	944.7 G/min	854.7 G/min
CSFC	241.0 G/kW.H	253.0 G/kW.H	227.7 G/kW.H
Adjusted Boost	93.0 kPa	107.0 kPa	79.0 kPa
Torque Check Speed	1900 RPM	1910 RPM	1890 RPM
Corr Torq Rise AT TC RPM	6.0%	17.5%	-1.0%
Corr Torque AT TC RPM	813 N.m	886 N.m	736 N.m
Temp Jacket Water Pump Inlet	85 DEG C	88 DEG C	82 DEG C
Delta T Jacket Water(Out-In)	11 DEG C	15 DEG C	5 DEG C
Oil Pressure	433 kPa	600 kPa	345 kPa
Oil Pressure Low Idle	154 kPa	600 kPa	100 kPa
Fuel Pressure	240 kPa	310 kPa	170 kPa
Inlet Fuel Pressure		20 kPa	1 kPa
Inlet Fuel Temp	30 DEG C	33 DEG C	27 DEG C
Inlet Air Pressure		104 kPa	87 kPa
Inlet Air Restriction		4.00 kPa	
Inlet Air Temperature		49.0 DEG C	15.0 DEG C
Fuel Density		36.0 DEG API	34.0 DEG API
Boost Constant	1.0000		
Gov Setting Torq	90% RTD TRQ	91% RTD TRQ	89% RTD TRQ

Engine Reference Information
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Description	Value
FL Static Fuel Setting	4.94 mm
FT Static Fuel Setting	5.04 mm
Dynamic A/F Control Set	3.10 mm
Fuel Valve Part Number	9N-3979
Stat Timing BTDC	15.0 DEG
Advance	5.0 DEG
Torque Control Group Number	6N-0509 Change Level 01
Mechanical Advance P/N & OCC No	9N-3607 01
Advance Start	1700 RPM
Advance Inter	2000 RPM 2.5 DEG
Advance Stop	2400 RPM 5 DEG
Fuel Pump/VOV GRP Part Number	1N-3105
Fuel Pump Type	SM
Governor Type	HYDRA
Governor Spring Part Number	4N-9226
Governor Spring Free Length	44.20 mm
Governor Spring Rate	2.80 N/mm
Governor Spring Color Description	GREEN STRIPES 2
Flyweight Part Number/Attitude	4N-0425/HOR
Turbo Assembly Part Number(s)	6N-0580
Turbo Housing Nozzel Size	4MFW731-3.00
Advertised Power/Govern Speed	223.5 kW @ 2800 RPM
Compression Ratio	16.5
Manifold Type	WC

Application/Performance Data
0T-3069/01Z02612

Engine Model:3208 Combustion:DI Aspiration:T

Description	Value
Application Identification	304 MP "E"-
Engine Sales Model & Series	3208
Combustion System Type	DI
Aspiration Type	T
Engine Source Factory Ref Number	40
Power Setting PL/PP Ref Number	PL7331

Altitude Derating Information
0T-3069/01Z02612

Engine Model:3208 Combustion:DI Aspiration:T

Description	Value
Maximum Altitude	2300 m
Engine Power Rating W/O Fan	223.0 kW
High Idle Speed	3020 RPM
FL Static Fuel Setting	4.94 mm
FT Static Fuel Setting	5.04 mm
Corrected Fuel Rate	899.7 G/min
Full Load Boost Pressure	93.0 kPa