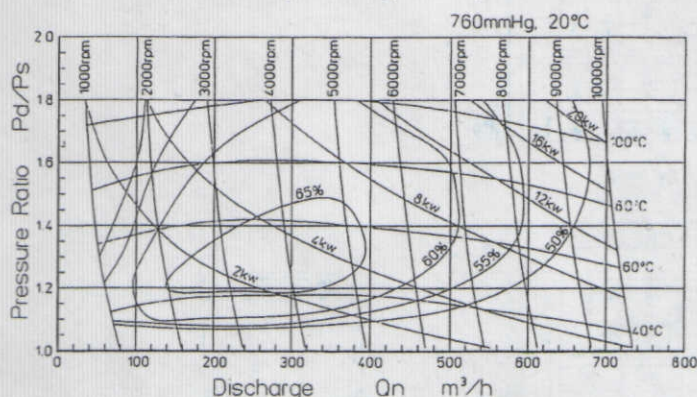
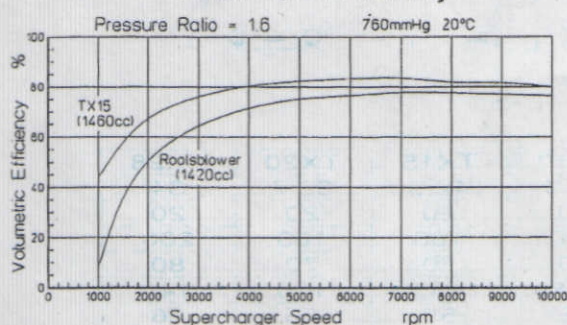


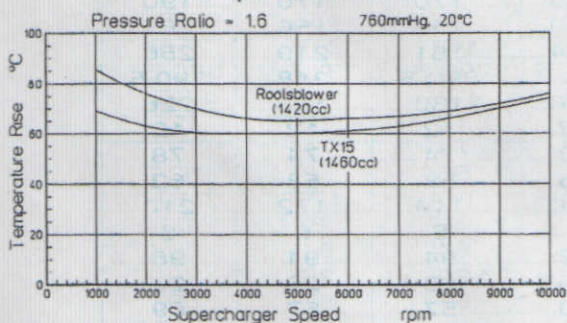
TX15 Supercharger Map



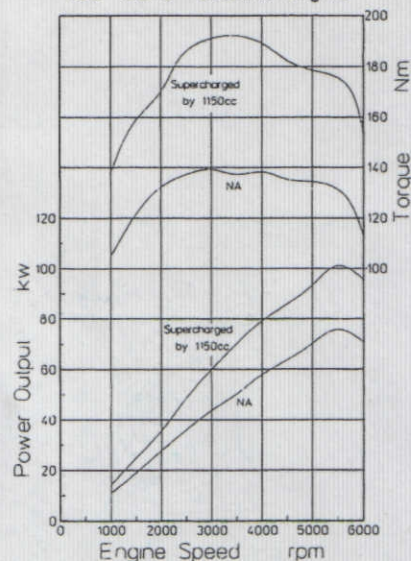
Volumetric Efficiency



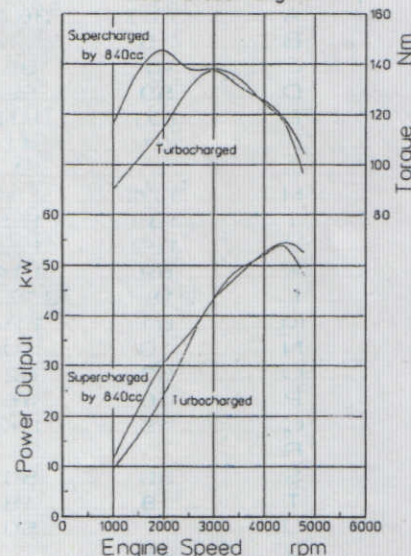
Temperature Rise



Effect of Supercharger 1.8L SOHC Gasoline Engine



Supercharger vs Turbocharger 1.6L Diesel Engine



SPECIFICATIONS

Item	Unit	TX04	TX07	TX10	TX12	TX15	TX20	TX28
Theoretical Discharge Volume per Revolution	cc/rev	410	730	960	1160	1460	2060	2800
Max.RPM (continuous)	rpm	12,000	12,000	11,000	11,000	10,000	9,000	9,000
Max.RPM (short time)	rpm	15,000	15,000	14,000	14,000	13,000	13,000	13,000
Max.Pressure Ratio (continuous)		1.8	1.8	1.8	1.8	1.8	1.8	1.8
Max.Pressure Ratio (short time)		2.0	2.0	2.0	2.0	2.0	2.0	2.0
Max.Discharge Volume at Max.RPM, Press.Ratio=1.8	m³/h	235	415	500	605	675	920	1350
Weight	kgf	5.3	6.6	7.8	8.4	10.0	15.0	21.0