

Oil pump especially engineered for tuned engine!

Rotor gear diameter, gear thickness, teeth design, as well as the case body are all developed especially for tuned EJ20/EJ25 to be able support increased performance. The increased flow rate, flow pressure and durability are whole different level compared to ordinary after market pumps that replace only the internal rotor gear.

Original special design

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From the case body, case cover to the rotor gear, everything has been redesigned and optimized for tuned EJ motor with increased performance.

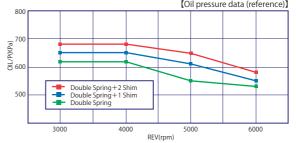


Developed for more flow rate and pressure adjustment while maintaining precise operation from the Chromoly SCM435 rotor gear retained by both the front and rear side of the inner gear that reduces gear vibration and makes it strong and durable.

Application: Models with EJ20/EJ25

SPEC

		ΤΟΜΕΙ	STD
Material		SCM435	-
Inner rotor gear	Number of teeth	9 teeth	9 teeth
Outer rotor gear		10 teeth	10 teeth
Outer rotor gear O.D.		φ80	φ78
Outer rotor gear		t=13	t=11
			data (reference)]



*This data is reference only. Actual value will vary depending on oil spec, temp and other factors.

*Numerical values of oil pressure will vary depending on ambient temperature.

Oil Flow Rate: 49L (@ 6000rpm / pressure 530KPa)





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