Garrett

ADVANCING MOTION

G-XRACE

When Xtreme Power Meets Xtreme Performance

Winners are Built

Winners aren't born – they are built. Reputations are forged through skill, speed and consistency. Racers push their skills, their cars, and their turbos to extreme limits. When the stakes are high, only the best turbo will take you to the finish line. Garrett G-XRace is built for those who know that winning comes from being the quickest, pass after pass, race after race.

Garrett G-XRace Turbochargers

Product Features:

- XBoost Technology increases power and performance
  - Up to +29% compressor flow compared to G-Series (Depending on model and frame size)
  - Improved pressure ratio capability enables higher boost pressure
  - Increased efficiency at high flow rates provides cooler, denser air to boost power capability
- Lightweight aluminum backplate to reduce turbo weight
- Flange-style speed sensor port for easy installation and turbo speed monitoring for optimal performance and turbo life

Powered by Decades of Leadership in Motorsport

If you want to be the quickest, the G-XRace Series is your ultimate advantage. Born from decades of powering professional motorsport winners, this turbocharger carries a legacy of proven success. It's made for racers who push the limits to the extreme – and win.

Turbocharger Reference Data:

Supercore PN	Model	Turbo Reference	Horsepower Rating	Comp Inducer	Comp Exducer	Turbine Inducer	Turbine Exducer
952766-5001S	GXR45-76	7682	1650	76.7mm	109mm	89mm	82mm
952766-5004S	GXR45-80	8082	1750	80.9mm	109mm		
952766-5005S	GXR45-82	8282	1800	82.9mm	109mm		
Turbine Kit PN	**A/R**	**Inlet**	**Outlet**	**Wastegate**	**Divided**		
757707-0019	1.01	V-Band	V-Band	External	N		
757707-0020	1.15	V-Band	V-Band	External	N		
757707-0021	1.28	V-Band	V-Band	External	N		
757707-0022	1.44	V-Band	V-Band	External	N		
757707-0023	1.01	T4	V-Band	External	Y		
757707-0024	1.15	T4	V-Band	External	Y		
757707-0025	1.28	T4	V-Band	External	Y		
757707-0026	1.44	T4	V-Band	External	Y		

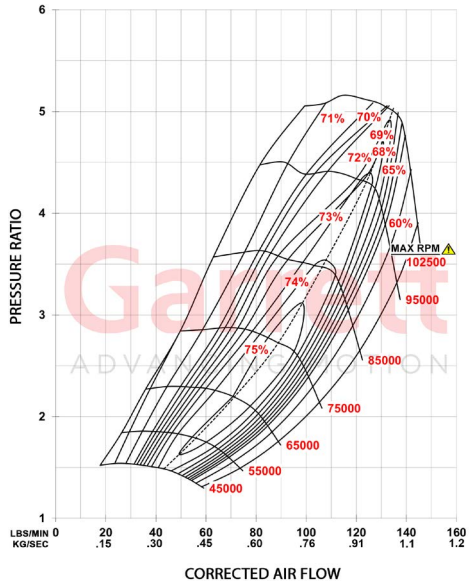
WARNING: The use of this product above max turbocharger speed is at the owner's risk, and can result in damage and premature failure. To protect the turbocharger from overspeed when operating, a speed sensor port is machined into the compressor housing for the fitment of speed sensor part numbers 781328-0003 (includes sensor and gauge), 781328-0004 (includes speed sensor), or G-Smart Bluetooth Module with sensor (PN 923586-0003). Sensor Kits sold separately.

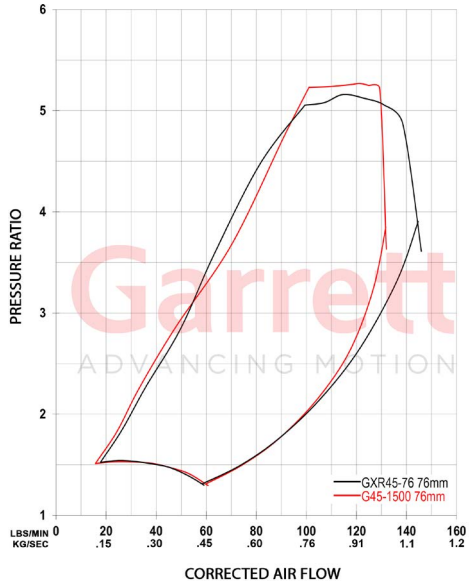
* Performance results of this product are highly dependent upon your vehicle's modifications and tuning/calibration. The horsepower numbers represented above are calculated based strictly on choke flow of the compressor map (total turbo capability), which represents the potential flywheel horsepower.

When Xtreme Power Meets Xtreme Performance

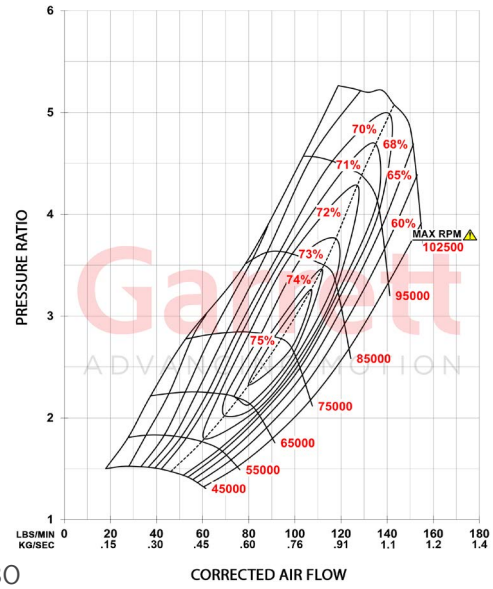
A Heritage of Innovation

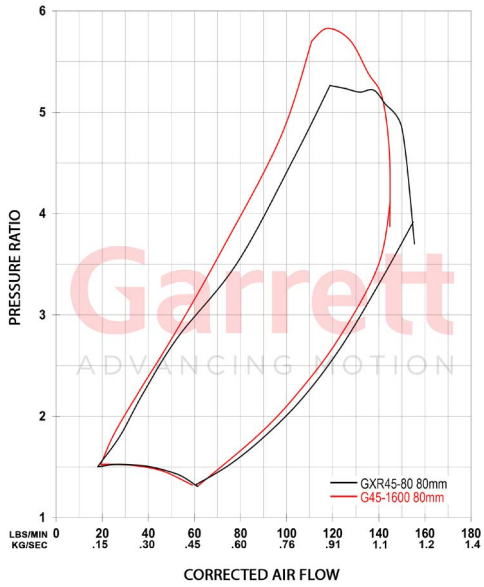
Backed by over 70 years of engineering and innovation, G-XRace turbochargers are engineered by a global team of 1300 engineers across five R&D centers for extreme durability and extreme performance.



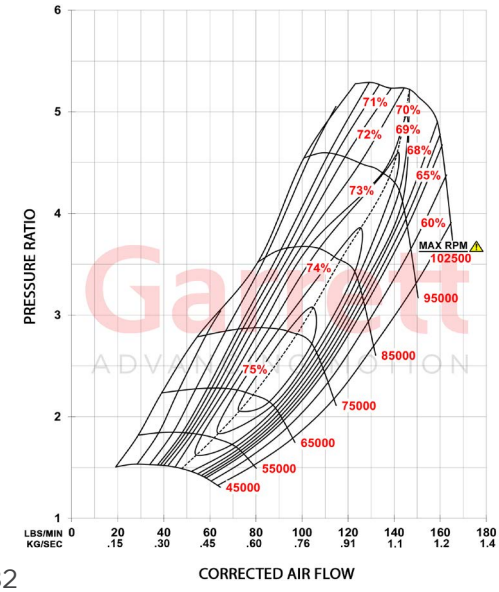


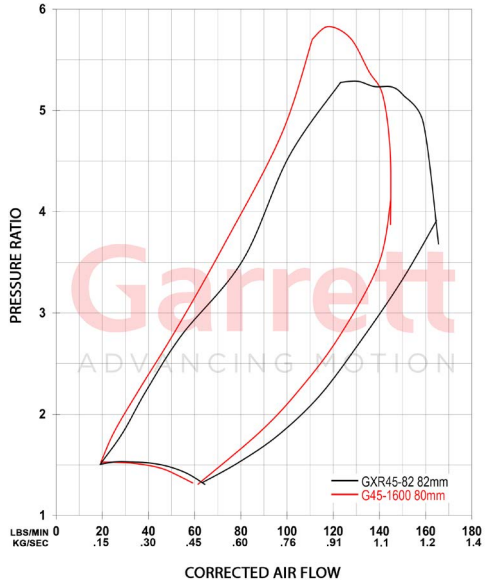
GXR45-76





GXR45-80





GXR45-82

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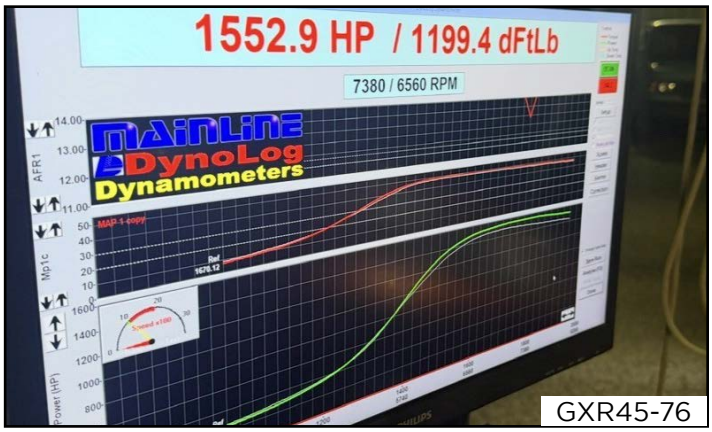
XBoost Technology In Action - Sleeper Tuning

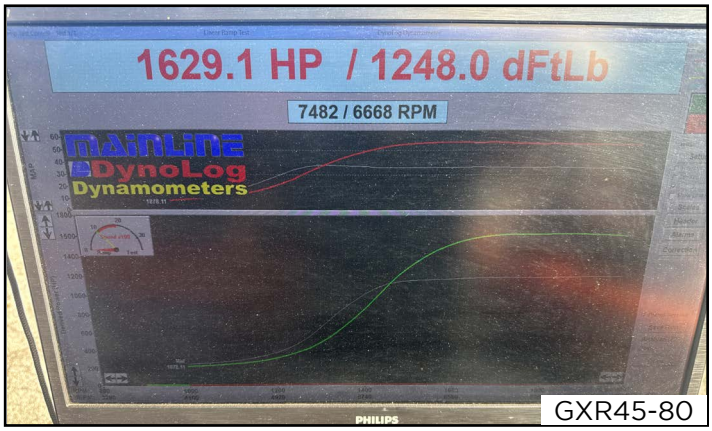
The factory-looking Nissan 240SX hatch from Sleeper Tuning packs a single-turbo 3.2L 2JZ engine running on ethanol, piloted by David “Duffy” Duffield. More than just a show car, this purpose-built race machine serves as a real-world validation platform for Garrett Motion’s G-XRace turbochargers, backed by dyno data and verified seven-second passes. With a documented best ET of 7.345 seconds at 187.70 mph at 2025 World Cup Finals #1 Qualifier and 1st place Limited Street Class. The car has established a proven record of horsepower, reliability, and consistency for the G-XRace product line.

On-Vehicle Results				
G-Series	WHP	G-XRace	WHP	Improvement
G45-1500 76mm	1251	GXR45-76	1553	24%
G45-1600 80mm	1462	GXR45-80	1629	11%
		GXR45-82	1706	

The dyno test results shown were performed on the same vehicle, using the same dyno and calibrator. Tests were conducted on different days, under varying temperature conditions. Horsepower results will vary depending on your vehicle’s modifications and tuning calibration.



GXR45-76



GXR45-80

GXR45-82