# RACE

## PROCHARGER SUPERCHARGER SPECIFICATIONS

See Other Side for Street/Strip Supercharger Specs

| | F-1R | F-1R-103 | F-1X | F-2 | F-3D-102 | F-3D-106 | F-3R-102 | F-3R-112 | F-3R-121 | F-4R-136 | F-4X-136 | F-4X-140 | F-4X-140-2 | F-4X-146 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOLUTE DIAMETER** | 9.75" | 9.75" | 10.5" | 10.5" | 10.5" | 10.5" | 12" | 12" | 12" | 12" | 13.5" | 14.5" | 14.5" | 14.5" |
| **MAX SUPERCHARGED HP** | 1,250 | 1,500 | 1,550 | 1,450 | 1,500 | 1,800 | 1,600 | 2,100 | 2,400 | 3,000 | 3,200 | 3,700 | 4,000 | 4,500 |
| **MOTOR BASE HP RANGE** | 375-550 | 450-650 | 375-550 | 425-600 | 550-750 | 550-750 | 375-550 | CALL | CALL | CALL | CALL | CALL | CALL | CALL |
| **MAX FLOW (CFM)** | 1,700 | 1,900 | 2,000 | 2,100 | 1,900 | 2,200 | 2,000 | 2,300 | 3,100 | 4,000 | 4,200 | 4,500 | 4,700 | 5,200 |
| **MAX BOOST (PSI)** | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 40 | 50 | 55 | 60 | 65 | 72 |
| **INLET HOSE DIAMETER** | 4.05" | 4.25" | 4.8" | 4.6" | 4.8" | 4.8" | 6" | 5" | 5.5" | 5.75" | 6" | 6" | 6" | 6" |
| **INDUCER DIAMETER** | 4" | 4.25" | 4.2" | 4.5" | 4" | 4.2" | 4" | 4.4" | 4.8" | 5.23" | 5.35" | 5.37" | 5.55" | 5.75" |
| **EXDUCER DIAMETER** | 6" | 6" | 6" | 6.75" | 6" | 6" | 6.75" | 6.75" | 6.75" | 7.22" | 7.22" | 7.22" | 7.42" | 7.92" |
| **OUTLET HOSE DIAMETER** | 3" | 3.5" | 3.5" | 3.5" | 3.5" | 3.5" | 4.5" | 4" | 4" | 4" | 4.5" | 5" | 5" | 5" |
| **OUTLET I.D.** | 2.62" | 3.15" | 3.15" | 3.15" | 3.15" | 3.15" | 3.59" | 3.59" | 3.59" | 3.59" | 4" | 5" | 5" | 5" |
| **MAX IMPELLER RPM** | 68,000 | 72,000 | 72,000 | 65,000 | 74,000 | 74,000 | 72,000 | 72,000 | 72,000 | 72,000 | 72,000 | 72,000 | 72,000 | 68,000 |
| **INTERNAL STEP-UP** | 5.40:1 | 5.40:1 | 5.40:1 | 5.40:1 | 5.63:1 | 5.63:1 | 5.63:1 | 5.63:1 | 5.63:1 | 4.70:1 | 4.70:1 | 4.70:1 | 4.70:1 | 4.70:1 |
| **REVERSE ROTATION OPTION** | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes | No | No | No | No | No |
| **SELF CONTAINED** | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| **OIL CAPACITY** | 4 oz | 4 oz | 4 oz | 4 oz | 6 oz Race Oil | 6 oz Race Oil | 6 oz Race Oil | 6 oz Race Oil | 6 oz Race Oil | 6 oz Race Oil | 6 oz Race Oil | 6 oz Race Oil | 6 oz Race Oil | 6 oz Race Oil |

- F-1/F-2 superchargers are rated based upon high horsepower street engines. F-3 superchargers are rated based upon maximum effort race engines.
- The stated figures are not absolutes, and may actually be higher depending upon the specific application.
- Please refer to www.procharger.com for additional supercharger specifications
- Figures based on stated peak airflows; actual power levels may be higher in well prepared engines.
- Engine intake air temperature is the most relevant thermal measure (not SAE J1723) for a supercharger installed on a vehicle, especially when intercooled; SAE J1723 does not address the impact of engine dynamics, engine compartment heat transfer, intercooling or deficiencies caused by supercharger location.