

S400SX4

500 - 1050 HP Turbo

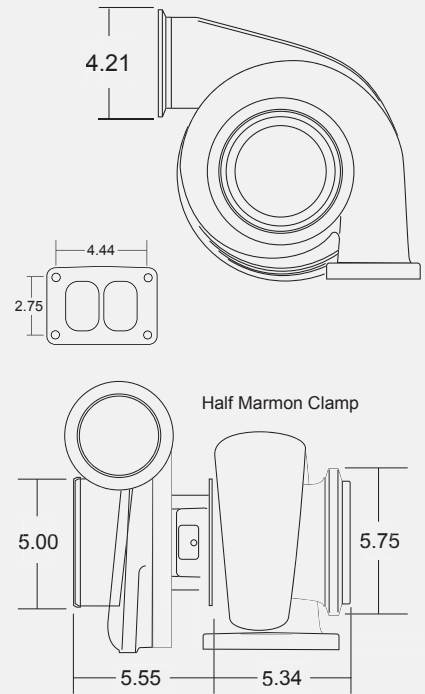


FEATURES

- Twin hydrodynamic journal bearings
- Extended tip technology compressor wheel
- Twin scroll turbine housing
- Adjustable compressor and turbine housing orientation
- Compressor cover recirculation grooves



TURBO FRAME DIMENSIONS

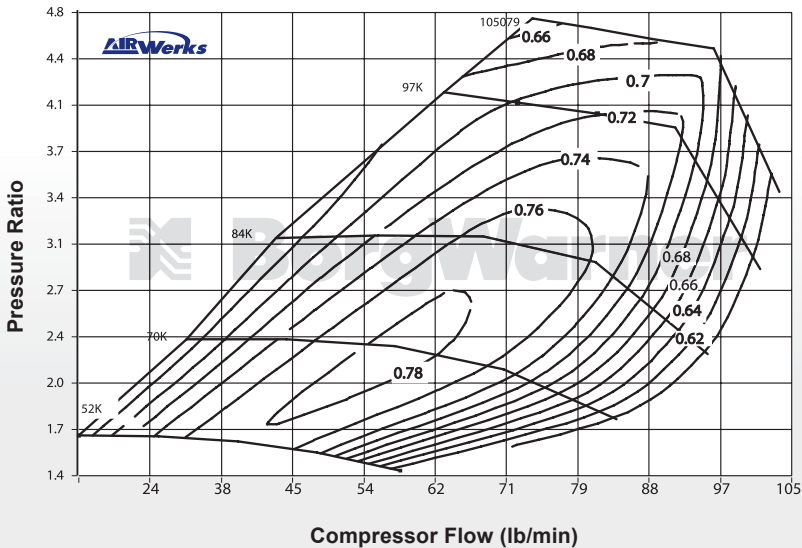


Turbo Part #	Comp. Wheel O.D. (in)	Comp Wheel O.D. (mm)	Comp Wheel Inducer Dia. (in)	Comp Wheel Inducer Dia. (mm)	Turbine Wheel O.D. (in)	Turbine Wheel O.D. (mm)	Turbine Wheel Exducer (in)	Turbine Wheel Exducer (mm)	Turbine Housing A/R	Cartridge Assembly	Service Kit (Standard)	Service Kit (360° thrust bearing)
171701	3.94	100.17	2.80	71.08	3.77	95.70	3.47	88.05	1.32	171699	176391	14007110003
171702	3.94	100.17	2.94	74.56	3.77	95.70	3.47	88.05	1.32	171703	176391	14007110003
176806	3.94	100.17	2.94	74.56	3.29	83.47	3.29	74.29	1.10	176807	318396	14007110000

COMPRESSOR MAP

Applicable to part numbers 171702 and 176806

Comp. Wheel Inducer Dia. (mm) 74.56
Comp. Wheel Outer Dia. (mm) 100.17



TURBINE HOUSING FOR 176806 ONLY

Part #	A/R	Inlet Configuration	Notes
176809	0.90	Volute, Twin Flow	T6 Inlet 83mm Turbine Wheel
176810	1.00		
176811	1.10		
176812	1.25		

TURBINE HOUSING FOR 171701 AND 171702

Part #	A/R	Inlet Configuration	Notes
14961019007	1.15	Volute, Twin Flow	T6 Inlet 96mm Turbine Wheel
171698	1.32		
14961016101	1.45		
14961016100	1.58		