

# S400SX-E

650 - 1575 HP Turbo

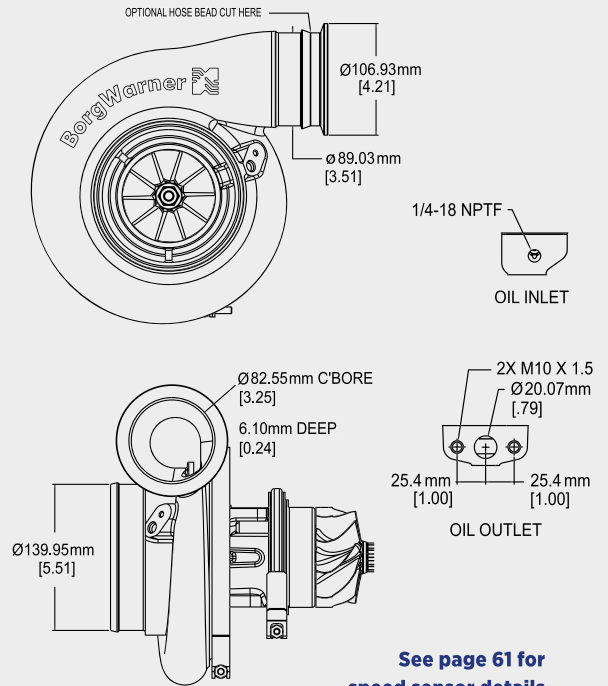


## FEATURES

- Twin hydrodynamic journal bearings
- Extended Tip Technology Compressor Wheel
- Twin Scroll Turbine Housing
- Adjustable compressor and turbine housing orientation
- Standard turbine inlet and outlet connections
- Compressor cover recirculation grooves
- Speed sensor
- V-band or hose bead



## SUPER-CORE FRAME DIMENSIONS



See page 61 for speed sensor details

Super-Core	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)	Service Kit (360° thrust bearing)
*14009097013	3.94	100.00	2.99	76.00	3.77	95.70	3.47	88.05	14007110003
14009097010	4.33	110.00	3.16	80.30	3.77	95.70	3.47	88.05	14007110003
14009097008	4.33	110.00	3.46	87.93	3.77	95.70	3.47	88.05	14007110003

\*See page 46 for compressor map

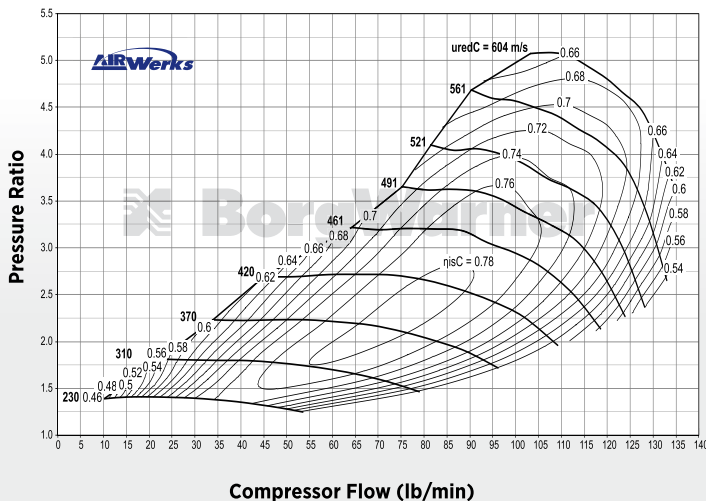
## TURBINE HOUSING

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			

## COMPRESSOR MAPS

### S400SX-E 650 - 1350 HP Part #: 14009097010

Comp. Wheel Inducer Dia. (mm) 80.30  
Comp. Wheel Outer Dia. (mm) 110.00



### S400SX-E 750 - 1575 HP Part #: 14009097008

Comp. Wheel Inducer Dia. (mm) 87.93  
Comp. Wheel Outer Dia. (mm) 110.00

