

Austart Turbine Starters

ATS83 Series



Design Features

- Lubrication Free
- Infinite 360° Indexing of Inlet
- Field Serviceable with NO special tools
- Efficient Low Air or Gas Pressure Starting
- Rugged, Lightweight, All Metal Composition
- Self Balancing, Self Governing Turbine Wheel
- 30 - 175 psi Standard Operating Range

Key Features

at 100 psi

Weight 35 lbs

Torque 130 ft lbs

RPM 4000 RPM

Power 26 HP

Consumption 360 scfm

Decibels 100 Dba

Configurations Available

Rotation

Righthand (cw)

Lefthand (ccw)

Drive

Pre-Engaged

Inertia

Overhung Pinion



Exhaust

Harsh Environment Muffler

NPT Threaded Exhaust



Whether you are **Drilling** for oil, **Compressing Gas**, **Generating Power**, **Towing** materials or in any other industrial sector we can help you start your engines and leave the continual maintenance game behind.



Engine Displacement

C.I.D.		Liter
855 - 4250	Diesel	14 - 70
1708 - 8500	Natural Gas	28 - 140

ATS83 Performance Data

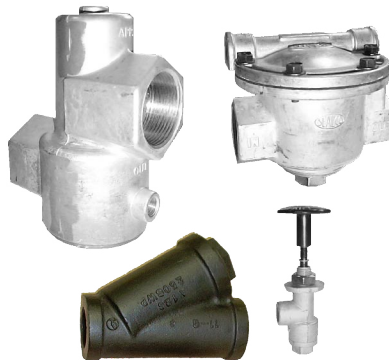
Pressure (psi)	Torque (max)	RPM (max)	HP (max)	Flow (scfm)
50	80	3200	14	220
75	100	3500	19	250
100	130	4000	26	360
125	160	4250	36	470
150	200	4400	42	590



Pictured:
ATS83-0311IT
on FM 38E 1/4
offshore engine

Accessories

- PB1000 Push Button
- RV1000 1" Relay Valve
- YS1000 1" Y Strainer
- BV1000 1" Ball Valve



Always use accessories equal to the size of the inlet or slightly larger to ensure proper flow characteristics.

Engine Selection Guide

Caterpillar

D-379	ATS83-0311
D-399	ATS83-0311
G399	ATS83-0311
3516	ATS83-0311

CES Ajax

DPC-360	ATS83-0314
DPC-600	ATS83-0314

CES Superior

6G-825	ATS83-0311
8G-825	ATS83-0311
8GT	ATS83-0311

Cummins

KT38	ATS83-0311
KT60	ATS83-0311
QSK73	ATS83-0311

Detroit Diesel

16-92	ATS83-0311
12-149	ATS83-0311
16-149	ATS83-0311
16V-4000	ATS83-0311

Waukesha

5790	ATS83-0311
7042	ATS83-0311
8L-AT27G	ATS83-0311

This is only a partial list of engines.
Contact the factory for more information.