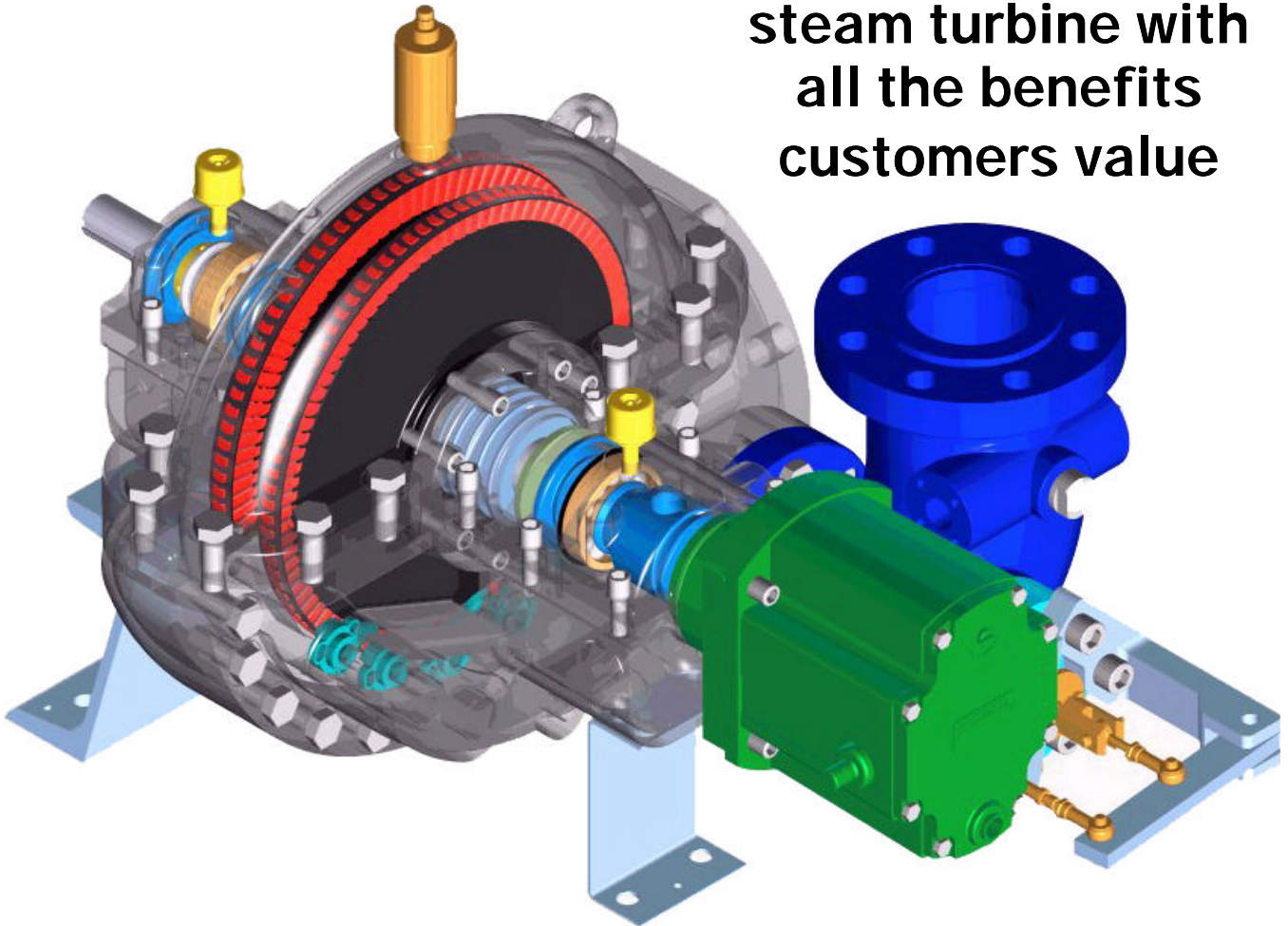
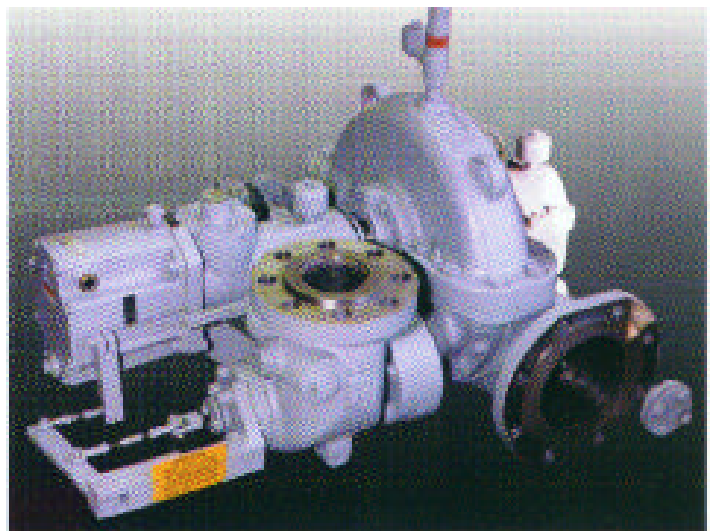


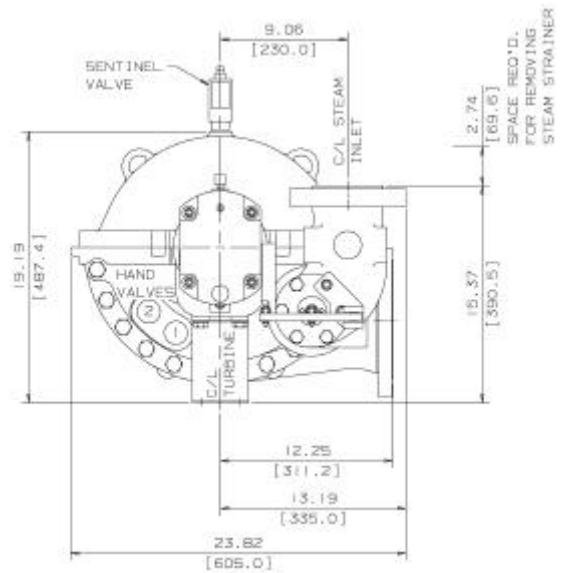
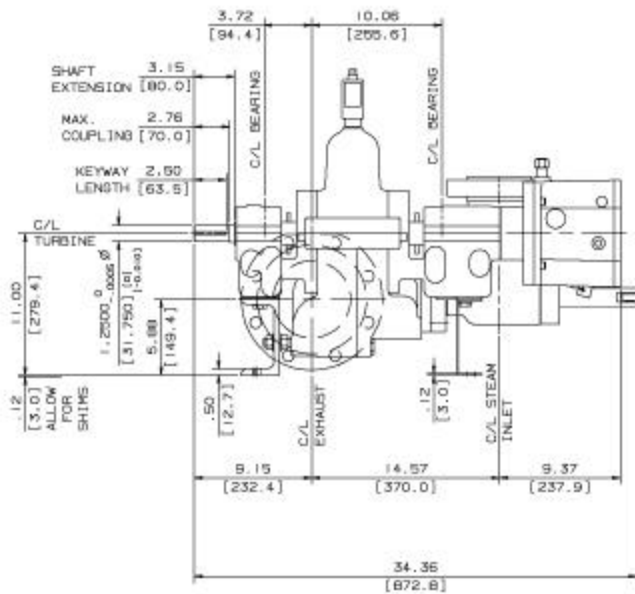
The PYR single stage steam turbine with all the benefits customers value



Benefits & Features

- Low initial cost
- Proven high reliability
- Competitive lead times
- Compact Design
- Simple maintenance
- Horizontally split casing
- Rugged center line support
- Cast steel casing
- Horizontally split packing cases
- Replaceable nozzles
- Meets the demanding needs of API 611
- 50,000 hr L10 bearing life
- Separate trip valve
- Independent overspeed trip
- Casing certification and MPI available





Weight 550 lbs., 3" 600 lb RF Inlet, 6" 150 lb RF Exhaust

Application Range:

Power 200 HP – 150 kw
 Speed 5000 rpm
 Inlet Steam 600 psig – 43kg/cm²G
 752 °F – 400 °C
 Exhaust Steam 100 psig – 7 kg/cm²G

Materials of Construction:

Steam Chest	Cast steel ASTM A216 Grade WCB
Casing	Cast steel ASTM A216 Grade WCB
Reversing Bucket Holder	13% Cr steel AISI 410
Governor Valve Seat	13% Cr steel AISI 410
Governor Valve Stem	13% Cr steel AISI 416 nitrided
Governor Valve	13% Cr steel AISI 416
Trip Valve	13% Cr steel ASTM A743 Gr CA-6NM
Trip Valve Seat	Cast steel ATM A216 Gr WCB
Pedestal	Carbon steel ASTM A36
Packing Cases	Ductile cat iron ASTM A536 Gr 65-45-12
Bearing Housings	Ductile cat iron ASTM A536 Gr 65-45-12
Nozzles	Stainless steel ASTM A743 Gr CA-6NM
Rotor Shaft	Alloy steel AISI 4140
Rotor Disk	High tension carbon steel ASTM A517 Gr B
Rotor Blades	13% Cr steel AISI 403 SS
Shroud	13% Cr steel AISI 410 SS
Gland Seal	Carbon Ring + Inconel spring Gr P3W/P5NR
Bearings	Carbon steel ball bearing 6307
Steam Strainer	Stainless steel
Casing bolting	Alloy carbon steel ASTM A193 Gr B7

The Elliott PYR single stage steam turbine is superbly engineered, dependable, economical and flexible. It can be used in driving fans, pumps, compressors and industrial equipment.



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