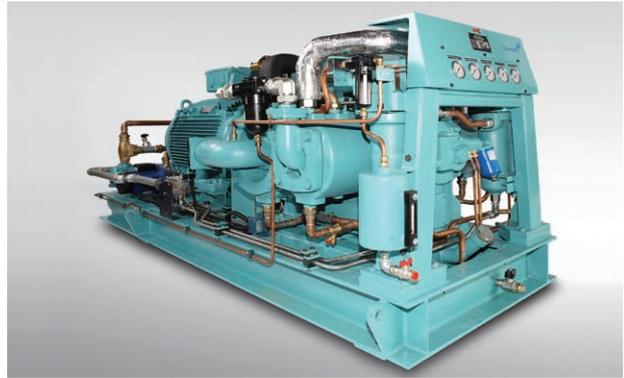


185E MkII

Medium and High Pressure Air Compressors. 70mm Series

Capacities: 174 - 295 m³/h (102 - 170 cfm)
Pressures: 100 - 350 bar (250 - 5000 psig)



Hamworthy seismic compressors offer you an integrated and compact solution to your high-pressure needs.

Hamworthy 70mm series medium and high pressure water cooled compressors are three or four stage, two crank, dry sump pressure lubricated machines. Designed for land and marine applications involving the supply of air or gas at high pressure. Suitable for electric motor engine drive.

Standard Features

- ▶ Air pressure gauge and safety valve for each stage
- ▶ Oil pressure gauge and relief valve
- ▶ Suction filter and silencer
- ▶ Cooler drain valves
- ▶ Integral interstage and after coolers
- ▶ High efficiency low lift concentric valves at each stage
- ▶ Air delivery non-return valve
- ▶ Separator column
- ▶ Automatic cooler drainage and unloading systems
- ▶ High air temperature switch
- ▶ Low lubricating oil pressure switch
- ▶ Anti vibration mounting system
- ▶ Flexible hoses for all terminal points
- ▶ Integral SW/FW tube heat exchanger
- ▶ Cooling water flow/indicator switch
- ▶ Full control panel (including starter for electric motor driven units)

Optional Features

- ▶ Containerisation
- ▶ System air pressure switch

Drives and Mountings

Machines are suitable for direct or belt drive. Electric motors can be arranged above the unit (Mk I) to drive the machine in a compact modular assembly with the compressor below. Engine driven machines are arranged on a combined base plate. All drive systems are adequately guarded and all units are complete with full protection devices for safe operation.

Classification

Units are tested as a fully assembled machine with the specified control system as complete, ready for installation units. Marine classification survey and inspection available when specified.

Containerisation

An electric driven unit can be supplied in 10 ft. ISO CSC plated containers with storage reservoirs and condensate management systems. Engineered for offshore or harsh marine environments. Ambient conditions from below 0°C to +45°C.

Specification

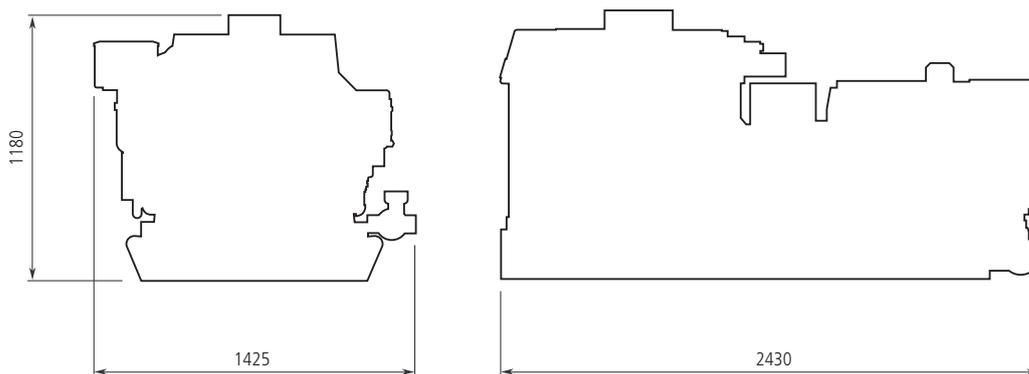
Compressor Type	Capacity		Pressure		Absorbed Power (kW)
	m ³ /h	cfm	bar	psig	
4TH 190	321 - 290	190 - 171	100 - 350	1450 - 5000	76 - 94
4TH 140	236 - 208	140 - 123	100 - 350	1450 - 5000	57 - 76
4TH 100	164 - 144	97 - 85	100 - 350	1450 - 5000	40 - 53

Capacities shown are free air delivered at constant pressure

Speed Range: 600 - 1500 rev/min

Typical model **185 E MkII** electric driven compressor (Dimensions mm)

Wet Weight: 2200kg



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