

PumpAction..... Issue 19

NEW PRODUCTS

Coppus creates range increase with RLHA28E

Coppus, Murray and Nadrowski steam turbines can be found in virtually every industry that utilizes steam for process and / or power generation. Oil refineries, gas lines, chemical plants, pharmaceutical, universities, medical centres, biomass and other industries, have all benefited from the efficient and reliable power of steam turbines.

Single and multi-stage steam turbines meet application requirements from 50hp up to 20,000 kW.

The NEW Coppus RLHA28E is a specialized single-stage steam turbine designed to provide useful power from relatively low pressure, high volume steam conditions. It features oversize inlet and exhaust connections, as well as nozzle capacity in the top and bottom half of the casing. This design accommodates large volumes of low-pressure steam that would otherwise be wasted. The single-stage construction reduces equipment cost allowing a faster and favourable return on investment.

Common applications include driving pumps, fans, compressors and generators, with features such as Woodward TG-13 oil relay governor with pneumatic power-assisted actuator, manual speed changer, local, remote over-speed trip, thrust-bearing (removable), pneumatic trip valve with solenoid and single-piece contoured type wheels.

Specifications:

- Wheel diameter: 28" (711mm)
- Maximum speed: 5400 rpm
- Maximum power: 4450 hp (3279 kW)
- Inlet pressure range: 5 to 400 PSIG (.34 to 27.6 BARG)
- Maximum inlet temperature: 316°C
- Inlet diameter: 16" (406mm)
- Exhaust diameter: 16" (406mm)
- Approximate weight: 5350 lbs (2426 kg)



• For further information on steam turbines, visit our website www.kelairpumps.com.au