

Soft starter benefits for Oil and Gas Applications

BENEFIT	FEATURE	Blower / Fan	Centrifuge	Compressor	Pump
Protect equipment	Prevent damage due to reverse operation	☐		■	■
	Prolong life of pumps, pipes, valves and headworks by preventing water hammer				■
	Early warning of abnormal load conditions (broken couplings, blocked pipes, etc.)	☐		■	■
	Prevent belt breakages	☐			
Maximize productivity	Safely use full motor capacity without nuisance tripping	■		■	■
	Complete critical processes	■	■	■	■
Smoother operation	Minimize stress on electrical supply	■	■	■	■
	Reduce mechanical stress during start	■	■	■	■
	Minimize pressure surges	■			■
Intelligent control of the whole system	Simplify control circuits by directly connecting pressure switches			■	■
	Improve system performance with closed loop process control				■

■ Very significant benefit
 ■ Significant benefit
 ☐ Useful