










TORQUE LIMITERS (SAFETY COUPLINGS) - CLUTCHES: introduction

SELECTION GUIDE

									
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TECHNICAL CHARACTERISTICS									
⊙ Manufactured in turned steel	■	■	■	■	■	■	■	■	■
⊙ Anticorrosive treatment std. phosphate	■	■	■	■	■	■	■	■	■
⊙ Compact size	■	■		■	■	■	■		
⊙ High torque possible			■			■			■
⊙ Maintenance-free		■	■	■	■	■	■	■	
⊙ High torsional stiffness				■	■				
⊙ Modular system						■			
⊙ Reduced inertia				■	■		■		
⊙ Noise during transmission	■								
⊙ Suitable for high speeds				■	■	■	■		■
⊙ Suitable for dusty environments	■								
⊙ Suitable for wet and oily		■	■	■	■	■	■	■	
⊙ Assembly with flexible couplings - rigid coupling possible	■	■	■	■	■	■	■		■
ADVANTAGES AND BENEFITS									
⊙ Protect the gear motor from jamming due to foreign bodies	■	■	■	■		■	■		■
⊙ Absorb starting torques without disconnecting the transmission	■								
⊙ Protect the film of the packaging in case of excessive traction	■								■
⊙ Protect slides or servomotors from impact or limit		■		■			■	■	
⊙ Keep the phases between the driving and driven after an overload			■	■					
⊙ Protect the final product from crushing or deformation	■	■	■	■		■	■	■	■
⊙ Protect indexers overload long transmission				■					
⊙ Where it is necessary to complete the transmission disconnect					■	■			■
⊙ Best simplicity and sensitivity compared to integrated solutions in gear box	■			■			■		
⊙ Protect the operating units of the machine tool from collisions				■					
⊙ Protecting mechanical devices during transmission at high speeds of rotation					■	■			
⊙ Engage / disengage different lines of transmission of the product									■
⊙ Greater durability of all the devices, thanks to the free rotation					■	■			
⊙ Protect axial movers within the transmission from overload								■	
APPLICATIONS									
⊙ Conveyors	■	■	■	■			■		
⊙ Extruders and laminators					■	■			
⊙ Heavy Industry	■		■			■			
⊙ Packaging machinery and equipment			■	■			■		
⊙ Labelling				■					
⊙ Conveyors		■	■						
⊙ Machine tools and CNC				■					
⊙ Servo motors and linear guides				■					
⊙ Machines with cycle variable torque									■
⊙ Agricultural machinery and earthmoving	■		■						
⊙ Winding and unwinding of coils									■
⊙ Test benches					■				■
⊙ Automotive	■			■					
⊙ Handling and eccentric cams								■	