tensionpro
THE BOLT TENSIONER EXPERTS

DATASHEET DS-15

SERIES: duo Multi-stage Tensioners

IN STOCK FOR QUICK DELIVERY

LATEST TECHNOLOGY

- Latest seal technology
- High cycle life
- Optimised load to weight ratio
- Integrated system with TensionPro pumps and hoses

SAFE AND RELIABLE

- CE marked
- Over-stroke protection
- Max stroke indicator
- Pressure Test Certification
- Full colour operating and safety manual

OPTIONS AND FEATURES

- Special threads
- Special load requirements
- Twin or single port
- Protective handle
- Special bridge for tight clearance
- Swivel connections
- Cycle counter
- Gear drive nut run-down
- Spring piston return
- Misalignment compensation
- ARMOURMAX anti-corrosion, anti-wear

duo series multi-stage tensioners are versatile and reliable hydraulic bolt tensioners suitable for high load and tight space applications. Optimised for use on wind turbines they have been designed for long-life, low-maintenance use, and are suitable for use on single bolts, or grouped together for multiple tightening of bolted joints. duo tensioners are extensively used for slewing rings, power-gen applications, structural and all critical bolting.

Bolt Thread Size		Maximum Tensioner Load		Tool Height	Tool OD
T		F		H	A
inch	Metric	tonf	kN	mm	mm
1	M24	29.1	290	182	60
1 1/8	M27	38.1	380	192	66
-	M30	46.8	466	201	73
1 1/4	M33	57.2	570	217	79
1 3/8	M36	68.0	678	247	84.5
1 1/2	M39	81.3	810	260	92
1 5/8	M42	93.3	928	270.5	98
1 3/4	M45	108.8	1084	289	105
1 7/8	M48	122.7	1223	311	111
2	M52	146.0	1455	320	129
2 1/4	M56	168.1	1675	325	130
-	M60	195.7	1950	345	140
2 1/2	M64	225.3	2253	370.5	150

PROCESS IMPROVEMENT

duo Hydraulic Tensioners are designed for speed. Fast spring piston retract, geared nut run-down and spring located sockets, improve process time on each tensioning operation. High cycle life, over-stroke protection and the latest seal technology ensure low maintenance operation to keep projects on schedule.

SAFETY AND SPEED

Optional durable TWIST-GRIP handle intergrated over the hydraulic connection for easy handling and positioning of the tool, protects the hose and inlet connection from unnecessary loading - benefiting the operator with an extra layer of safety.

ADVANCED abs SOLUTIONS Since 1998

ADVANCED BOLTING SOLUTIONS PVT. LTD.

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