simply unbreakable

Alkitronic M-HG

Applications

- ***alkitronic*® *M-HG*** manual torque multiplier - for energy independent precise tightening and loosening of heavy-duty bolt connections.
- Torques from 200 Nm up to 50,000 Nm.
- The ideal torque tool in high explosion-risk areas.
- ***alkitronic*® *M-HG*** provide safe, economic, problem-free operation. They replace impact wrenches, pipe extensions and other inade quate methods.



Advantages

- Maintenance-free, compact and robust design. They improve on the-job safety and have short assembly times.
- Low energy input - high torque transfer.
- Integrated anti wind-up ratchet allows jobs to be performed easily, efficiently and safely.

alkitronic® specials

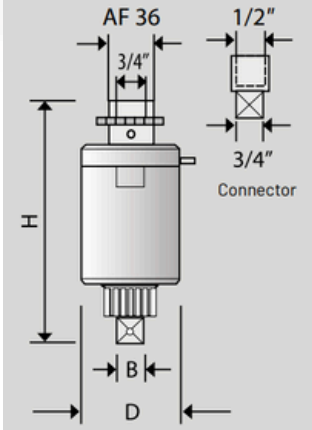
- The components of the ***alkitronic*®** power gears are manufactured using a high-precision chipless process - in order to ensure the highest possible operational demands with lowest wear.
- The shearing pin built into the drive shaft protects against input overload.

Technical Data

Type			M-HG 10	M-HG 15	M-HG 20	M-HG 30	M-HG 40	M-HG 50	M-HG 60	M-HG 80
Torque up to (approx.)*		Nm	1400	1400	3500	5000	6000	8000	11500	50000
		ft.lbs	1035	1035	2580	3690	4425	5900	8480	36880
Square drive	B		1/2" / 3/4"	1"	1"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	2 1/2"
Reduction ratio			4	4	16	18	20	24	28	180
Diameter	D	mm	85	85	85	98	109	133	173	275
Height	H	mm	180	200	235	250	280	280	290	360
Weight (approx.)		kg	3.5	4	5	6.5	7	11	19	58

*) When loosening a bolted connection, up to 20% higher torque may be required (loosening torque). We will gladly advise you in detail.

Dimensions



Connector:
1/2" internal square socket -
3/4" external square socket

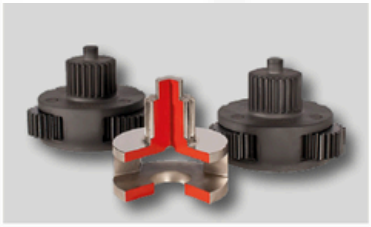
Specifications

Torque Multiplier input via:
3/4" internal square socket torque wrench or conventional ratchets external hexagonal socket AF 36 mm.

Handwheel - for rough turning loose bolts/nuts.

***alkitronic*®** manual torque multipliers are supplied with a support foot (DMA) as standard version.
For support rings, back stops, ratchets, torque wrenches, and other components, please see our ***alkitronic*®** catalog of accessories.

alki TECHNIK GmbH reserves the right to change specifications without prior notice.



***alkitronic*® - power gear components**



alkitronic*® *M-HG operating on electricity pylons. Accurate tightening via torque wrench.