

AREBOS

Torque wrench 40-210Nm

AR-HE-DS40-210Nm



Follow all safety precautions in this user manual to ensure safe use.

Thank you for your trust in AREBOS.

Safety instructions

Symbol explanation



This product must **not** be disposed of with household waste!

Caution!

1. if wrench has not been used or has been in storage for some time, operate it several times at a low torque setting which permits special internal lubricant to re-coat internal working parts.
2. when wrench is not in use, keep doing adjustable at lowest torque setting.
3. do not turn handle below lowest torque setting.
4. do not continue pulling on the wrench after pre-set torque has been reached and the wrench has been released. Pressure must be taken off the handle and the wrench allowed to automatically reset itself, continuing to apply pressure after the wrench has been released, will result in damage of the part being torqued by applying more than the specified amount of torque.
5. tool is rugged and designed for shop use. But is also a precision measuring instrument and should be treated as such.
6. Clean wrench by wiping. Do not immerse in any type of cleaner which may affect special high pressure lube with which the wrench is packed at the factory.
7. This torque wrench was calibrated and tested before leaving the factory and is accurate to +- 4%. **This is a precision measuring instrument, calibration and servicing must be done regularly and is the owners responsibility.**

How to use:

- Balancing wrench in hand with graduations visible with the marked arrow Elementary Scale up, then unlock knurled handle by turning lock nut counter clockwise.
- Set amount of torque required by turning kurled handle to read exact amount on case graduations.

Example: 118Nm

1. Turn knurled handle until the zero graduation on the bevel edge of the knurled handle is lined up with the vertical mark on the case and is even with the 110Nm graduation.
2. Turn knurled handle clockwise until 8Nm graduation on the bevel edge of the handle is in line with the vertical line.
3. Lock handle securely by turning lock nut clockwise, and now wrench is set at 118Nm wich is ready to use. See Figure 1 and 2

- Install the proper socket or attachment to the square drive and apply to nut or bolt and pull handle until you feel and/or hear wrench click. Release pull and wrench automatically resets for next operation.

Do not continue to pull after wrench releases. Use special care at low torque settings that will pull stops when wrench clicks.

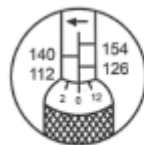


FIG1 112Nm

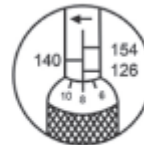


FIG2 120Nm

Conversion Tables

Conversion Tables

Foot Pounds (Ft.Lbs)	Kilo-gram Meters (Kgm or mkp)	Newton Meters (N.m)	Newton Meters (N.m)	Foot Pounds (Ft.Lbs)	Kilo-gram Meters (Kgm or mkp)	Kilo-gram Meters (Kgm or mkp)	Newton Meters (N.m)	Foot Pounds (Ft.Lbs)		
5	0.69	6.78	10	7.38	1.02	1	9.81	7.23		
10	1.38	13.56	20	14.75	2.04	2	19.61	14.47		
15	2.07	20.34	30	22.13	3.06	3	29.42	21.70		
20	2.76	27.12	40	29.50	4.08	4	39.23	28.93		
25	3.46	33.90	50	36.88	5.10	5	49.04	36.17		
30	4.15	40.68	60	44.26	6.12	6	58.84	43.40		
35	4.84	47.46	70	51.63	7.14	7	68.65	47.87		
40	5.53	54.24	80	59.01	8.16	8	78.46	50.63		
45	6.22	61.02	90	66.38	9.18	9	88.26	65.10		
50	6.91	67.80	100	73.78	10.20	10	98.07	72.33		
55	7.60	74.58	110	81.14	11.22	11	107.88	79.57		
60	8.29	81.36	120	88.51	12.24	12	117.68	86.80		
65	8.98	88.14	130	95.89	13.26	13	127.48	94.03		
70	9.67	94.92	140	103.26	14.28	14	137.30	101.27		
75	10.37	101.70	150	110.64	15.30	15	147.11	108.50		
80	11.06	108.48	160	118.02	16.32	16	156.91	115.74		
85	11.75	115.26	170	125.39	17.34	17	166.72	122.97		
90	12.44	122.04	180	132.77	18.36	18	176.53	130.20		
95	13.13	128.82	190	140.14	19.38	19	186.33	137.43		
100	13.82	135.60	200	147.52	20.40	20	196.14	144.67		
105	14.51	142.38	210	154.90	21.42	21	205.95	151.90		
110	15.20	149.16	220	162.27	22.44	22	215.75	159.13		
115	15.89	155.94	230	169.65	23.46	23	225.57	166.37		
120	16.58	162.72	240	177.02	24.48	24	235.37	173.60		
125	17.28	169.50	250	184.40	25.50	25	245.18	180.84		
130	17.97	176.28	260	191.78	26.52	26	254.98	188.08		
135	18.66	183.06	270	199.15	27.54	27	264.79	195.30		
140	19.35	189.84	280	206.53	28.56	28	274.60	202.54		
145	20.04	196.82	290	213.91	29.58	29	284.41	209.77		
150	20.73	203.40	300	221.29	30.60	30	294.22	217.00		
155	21.42	210.18	310	228.67	31.62	31	304.03	224.23		
160	22.11	216.96	320	236.05	32.64	32	313.84	231.46		
165	22.80	223.74	330	243.43	33.66	33	323.65	238.69		
170	23.49	230.52	340	250.81	34.68	34	333.46	245.92		
175	24.19	237.70	350	258.30	35.70	35	343.35	253.05		
180	24.88	244.08	360	265.68	36.72	36	353.16	260.28		
185	25.57	250.86	370	273.06	37.74	37	362.97	267.51		
190	26.28	257.64	380	280.44	38.76	38	372.78	274.74		
195	26.95	264.42	390	287.82	39.78	39	382.59	281.97		
200	27.64	271.20	400	295.20	40.80	40	392.40	289.20		
205	28.33	277.98	410	302.58	41.82	41	402.21	296.43		
210	29.02	284.76	Conversion Formulas 1 CMKG = 13.887 IN-OZ 1 dNm = 14.16 IN-OZ 1 CMKG = 0.867 IN-LB 1 Nm = 8.8507 IN-LB 1 MKG = 7.233 FT-LB 1 Nm = 0.73756 FT-LB 1 KPCM = 1 CMKG 1 KPM = 1 MKG 1 CMKG = 0.098 Nm 1 MKG = 9.80665 Nm 1 FT-LB = 12 IN-LB							
215	29.71	291.54								
220	30.40	298.32								
225	31.09	305.10								
230	31.78	311.88								
235	32.47	318.66								
240	33.16	325.44								
245	33.85	332.22								
250	34.54	339.00								
260	35.88	352.56								
270	37.26	366.12								
280	38.64	379.68								
290	40.02	393.24								
300	41.40	406.80								

Disposal instructions

Disposal and packaging

- Please ensure that the packaging is disposed of appropriately in accordance with the guidelines and standards applicable in your region. In some cases, the packaging may consist of plastic bags - in this regard, take special care to ensure that they do not get into the hands of children. There is a risk of suffocation!

Disposal of old equipment

- Old appliances must be disposed of in accordance with the guidelines and regulations of local waste disposal.

Meaning of the symbol "garbage can"



Protect our environment, electrical appliances do not belong in the household waste. Use the collection points provided for the disposal of electrical appliances and hand in your electrical appliances there that you will no longer use. In this way, they help to avoid the potential effects of incorrect disposal on the environment and human health. In this way, you are making your contribution to the reuse, recycling and other forms of recovery of waste electrical and electronic equipment. Information on where to dispose of the devices can be obtained from your municipalities or municipal administrations.

Our customer service number: +49 (0) 931-45232700

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EU Declaration of Conformity

We, the

Canbolat Vertriebs GmbH, Gneisenaustraße 10-11, 97074 Würzburg, Germany

hereby declare that the devices described below comply with the relevant essential health and safety requirements of the EU directives due to their design and construction as well as in the designs placed on the market by us.

Product: torque wrench 40-210Nm
Model number: AR-HE-DS40-210Nm
Article number: 4252023115889

If the device is modified without our consent, this declaration of conformity loses its validity.

Date/Signature Manufacturer/Location:

Würzburg, 05.06.2023



Signature:
Dipl.-Inform. (Univ.) Korhan Canbolat, Managing Director

Representative of these instructions for use/technical data:
Dipl.-Inform. (Univ.) Korhan Canbolat, Managing Director

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Return address can be found in the imprint: <https://www.arebos.de/impressum/>

Sales tax identification number: DE 263752326
The court of entry in the commercial register is Würzburg, HRB 10082
WEEE-Reg.-No. of 61617071