

# Direct Indicating Torque Wrench – DB / DBE

Fig.: DB100N-S



Fig.: DBE2100N-S



Fig.: DB12N4-S

## Dial Indicating Torque Wrench

Basic direct reading torque wrench. Wide range, high accuracy, lightweight, easy-to-read large scale, suitable for inspection. DB-S series, and DBE-S series have a convenient memory pointer giving peak readings.

Since the dial can be rotated, the pointer can be set to the desired torque first, and complete tightening is achieved when the pointer

indicates "0". The dial indicator has a full-surround protective cover to prevent damage to external objects (except DB420N, and DBE series).

DB accuracy is consistent regardless of where the hand is placed.

DB25N to DB280N models have a resin grip. The models of the DBE series have a removable handle extension.

- ▶ Oversized dial face is extremely easy to read.
- ▶ Bi-directional.
- ▶ Fixed male square drive.
- ▶ Accuracy and calibration procedures compliant to ISO 6789 type 1 class B.
- ▶ Traceable calibration certificate ISO 6789-2017 included.

Alternatively available in imperial units scale (lbf-in, ozf-in).

**INFO**

### DB (-S)

Accuracy ±3%

Model	Item No.	Torque Range * N-m	Graduation N-m	Sq. Drv inch	Weight kg	Dimensions mm			
						L	L'	B	h
DB1.5N4-S	T211100-S	0.2 - 1.5	0.02	1/4	0.4	170	205	77.2	34
DB3N4-S	T211103-S	0.3 - 3	0.05	1/4	0.4	170	205	77.2	34
DB6N5-S	T211456-S	0.7 - 6	0.1	1/4	0.4	170	205	77.2	34
DB12N5-S	T211459-S	1.4 - 12	0.2	1/4	0.4	170	205	77.2	34
DB25N5-1/4-S	T211462-S	3.5 - 25	0.5	1/4	0.4	200	245	77.2	38
DB25N5-S	T211465-S	3.5 - 25	0.5	3/8	0.4	200	245	77.2	40.5
DB50N-S	T211118-S	5 - 50	0.5	3/8	0.6	240	320	77.2	40.5
DB100N-3/8-S	T211121-S	10 - 100	1	3/8	0.7	310	400	77.2	41.9
DB100N-S	T211124-S	10 - 100	1	1/2	0.7	310	400	77.2	43.5
DB200N-S	T211130-S	20 - 200	2	1/2	1.0	410	500	77.2	47.2
DB280N5-1/2-S	T211484-S	35 - 280	5	1/2	1.6	600	690	77.2	49.3
DB280N5-S	T211486-S	35 - 280	5	3/4	1.6	600	690	77.2	52.1
DB420N-S	T211139-S	40 - 420	5	3/4	2.5	800	890	91	53.1

### DBE (-S)

Accuracy ±3%

Model	Item No.	Torque Range * N-m	Graduation N-m	Sq. Drv inch	Weight kg	Dimensions mm			
						L	L'	B	h
DBE560N-S	T211150-S	50 - 560	5	3/4	4.0	1000	1100	91	59.1
DBE700N-S	T211152-S	70 - 700	10	3/4	5.5	1150	1260	91	63
DBE850N-S	T211155-S	100 - 850	10	1	6.1	1250	1360	91	63.9
DBE1000N-S	T211157-S	100 - 1000	10	1	6.4	1350	1490	91	59
DBE1400N-S	T211160-S	200 - 1400	20	1	8.6	1600	1740	91	68
DBE2100N-S	T211163-S	200 - 2100	20	1	12.8	2000	2140	91	73.3
DBE2800N5-S	T211516-S	350 - 2800	50	1 1/2	16.8	2240	2380	91	99.5

\* Table is showing the torque ranges specified by the manufacturer. Usage in the medium range (approx. 1/3 to 4/5 of rated capacity) is recommended. If you regularly worked close to the limit of load (maximum capacity), a larger model may be more convenient.

Further info on our website.  
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