

DB/DBE/DBR

Direction Dial Indicating Torque Wrench



DB12N4



DB100N



DBE700N



Memory Pointer (Red needle)

DB Optional Accessories



846

Carrying Case (P.846)

Part #	Applicable Model Dimension [mm]	Weight [kg]
846	DB100N-S, DBE100N-S, DBR-S or less (H170 × W90 × D100)	1.9
847	DBE200N-S, DBE300N-S, DBR-S or less (H170 × W140 × D100)	1.8

Inspection Dial Indicating Direct Reading RoHS

- Memory pointer for easy torque reading
- Ideal for torque measuring and quality check applications

Accuracy ±3%

S.I. Model	Torque Range [N·m/N·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in/lbf·ft]		Overall Length [mm]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			
DB15N4-S	0.2-1.5	0.02	15DB4-S	2-15	0.2	DB15I-2AS	0-13	0.2			
DB2N4-S	0.3-3	0.05	30DB4-S	3-30	0.5	DB30I-2AS	0-20		0.5	205	6.36
DB6N4-S	0.6-6	0.1	60DB4-S	6-60	1	DB60I-2AS	0-40				
DB12N4-S	1-12	0.2	120DB4-S	10-120	2	DB12I-2AS	0-75	1			
DB20N-1/4-S	3-25		200DB3-1/4-S	30-250		DB160I-2AS	0-150	2	245		
DB25N-S	3-25	0.5	250DB3-S	30-250	5	DB160I-3AS					0.6
DB50N-S	5-50		450DB3-S	60-500		DB300I-3AS	0-300	5	320	9.5	
DB100N-3/8-S	10-100	1	900DB3-3/8-S	100-900	10	DB600I-3AS	0-600	10	450		0.7
DB100N-S			900DB3-S			DB600I-4AS					12.7
							lbf·ft	lbf·ft			
						DB25F-3AS	0-25		320		0.6
						DB50F-3AS		0.5			9.5
						DB50F-4AS	0-50		450		0.7
DB200N-S	20-200	2	1800DB3-S	200-2000	20	DB100F-4AS	0-100	1	500		
				kgf·m	kgf·m						12.7
						DB175F-4AS	0-175	2	540		1.0
DB28N-1/2-S			2800DB3-1/2-S								1.05
DB280N-S	30-280		2800DB3-S	3-28		DB230F-6AS	0-250		690		
DBx20N-S	40-420	5	4200DB2-S	6-42	0.5	DB250F-6AS	0-350	5	890		2.5
DBE50N-S	50-660		660DBE2-S	5-66						1100	4.0
DBE100N-S	70-700		700DBE2-S	7-70		DB500F-6AS	0-500	10	1200		5.5
DBE300N-S	100-850	10	860DBE2-S	10-86	1					1360	6.1
DBE1000N-S	100-1000		1000DBE2-S	10-100		DB800F-8AS	0-800		1490		6.4
DBE1400N-S	200-1400		1400DBE2-S	20-140		DB1000F-8AS	0-1000		10	1740	8.6
DBE2100N-S	200-2100	20	2100DBE2-S	20-210	2	DB1500F-8AS	0-1500			2140	12.8
DBE2800N-S	300-2800	50	2800DBE2-S	30-280		DB2000F-12AS	0-2000	20	2380		16.8
				N·m	N·m						38.1
DBR4000N-S	0.5-4.5	0.05	4000DBR-S	50-450	5	DB3000F-12AS	0-3000	50	1285		26.5
DBE6000N-S	0.6-6	0.1	6000DBR-S	60-600						1585	44.5

Note

1. "Without memory pointer" models are available. Remove "S" from the model name when ordering. (Ex. DB100N)
2. DBR models require which or mechanical loading device.
3. DBR Models are supplied upon request.
4. For models having over 25.4mm square drive, use with a through-hole socket.
5. Accuracy of American models is warranted from 20% of max. torque.