

DB/DBE/DBR

Direction Dial Indicating Torque Wrench



DB12N4



DB100N



DBE700N



Memory Pointer (Red needle)

DB Optional Accessories



846

Carrying Case (P.46)

Part #	Applicable Model Dimension [mm]	Weight [kg]
846	DB100N-S, CDB100N×15D-S or less (H170 × W500 × D100)	1.0
847	DB280N-S, CDB280N×22D-S or less (H170 × W740 × D100)	1.6

Inspection Dial Indicating Direct Reading RoHS

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

S.I. Model	Torque Range [N-m/kN-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.			
				kgf-cm	kgf-m		lbf-in	lbf-ft			
DB1.5N4-S	0.2-1.5	0.02	15DB4-S	2-15	0.2	DB13I-2AS	0-13	0.2			
DB3N4-S	0.3-3	0.05	30DB4-S	3-30	0.5	DB26I-2AS	0-26				
DB6N4-S	0.6-6	0.1	60DB4-S	6-60	1	DB40I-2AS	0-40		205	6.35	0.4
DB12N4-S	1-12	0.2	120DB4-S	10-120	2	DB75I-2AS	0-75	1			
DB25N-1/4-S			230DB3-1/4-S			DB150I-2AS					
	3-25			30-250			0-150	2	245		
DB25N-S		0.5	230DB3-S		5	DB150I-3AS					0.6
DB50N-S	5-50		450DB3-S	50-500		DB300I-3AS	0-300	5	320		9.5
DB100N-3/8-S			900DB3-3/8-S			DB600I-3AS					
	10-100	1		100-1000	10		0-600	10	400		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	
							0-50		400		0.7
						DB50F-4AS					
DB200N-S	20-200	2	1800DB3-S	200-2000	20	DB100F-4AS	0-100	1	500		
				kgf-m	kgf-m					12.7	1.0
						DB175F-4AS	0-175	2	540		
DB280N-1/2-S			2800DB3-1/2-S								
	30-280			3-28					690		1.65
DB280N-S			2800DB3-S			DB250F-6AS	0-250				
		5			0.5			5			
DB420N-S	40-420		4200DB2-S	4-42		DB350F-6AS	0-350		890		2.5
										19.0	
DBE560N-S	50-560		5600DBE2-S	5-56					1100		4.0
DBE700N-S	70-700		7000DBE2-S	7-70		DB500F-6AS	0-500	10	1260		5.5
DBE850N-S	100-850	10	8500DBE2-S	10-85	1				1360		6.1
DBE1000N-S	100-1000		10000DBE2-S	10-100		DB800F-8AS	0-800		1490		6.4
								10		25.4	
DBE1400N-S	200-1400		14000DBE2-S	20-140		DB1000F-8AS	0-1000		1740		8.6
		20			2						
DBE2100N-S	200-2100		21000DBE2-S	20-210		DB1500F-8AS	0-1500		2140		12.8
								20			
DBE2800N-S	300-2800	50	28000DBE2-S	30-280		DB2000F-12AS	0-2000		2380		16.8
										38.1	
	kN-m	kN-m									
DBR4500N-S	0.5-4.5	0.05	45000DBR-S	50-450	5	DB3000F-12AS	0-3000	50	1285		26.5
DBR6000N-S	0.6-6	0.1	60000DBR-S	60-600					1585	44.5	27.5

- Note
1. "Without memory pointer" models are available. Remove "-S" from the model name when ordering. (Ex. DB100N)
 2. DBR models require winch 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.