

DB/DBE/DBR

Direction Dial Indicating Torque Wrench



RoHS



DB12N5



DB100N



DBE700N



Memory Pointer, Red color point

DB Optional Accessories



846

Carrying Case (P.49)

Part #	Applicable Model Dimension [mm]	Weight [kg]
846	DB100N-S, CDB100N×15D-S or less H170 × W500 × D100	1.0
847	DB280N5-S, CDB280N5×22D-S or less H170 × W740 × D100	1.6

Inspection Dial Indicating Direct Reading ISO6789:2003
2017

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

Accuracy ±3%

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.			
DB1.5N4-S	0.2-1.5	0.02	15DB4-S	2-15	0.2	DB131-2AS	0-13	0.2			
DB3N4-S	0.3-3	0.05	30DB4-S	3-30	0.5	DB261-2AS	0-26				
DB6N5-S	0.7-6	0.1	DB60M5-S	7-60	1	DB401-2AS	0-40	0.5	205	6.35	0.4
DB12N5-S	1.4-12	0.2	DB120M5-S	14-120	2	DB751-2AS	0-75	1			
DB25N5-1/4-S	3.5-25		DB250M5-1/4-S	35-250		DB1501-2AS	0-150	2	245		
DB25N5-S			DB250M5-S			DB1501-3AS					
		0.5			5	DB3001-3AS	0-300	5			0.6
DB50N-S	5-50		DB500M-S	50-500			lbf·ft	lbf·ft	320		
						DB25F-3AS	0-25	0.5		9.53	
							lbf·in	lbf·in			
						DB6001-3AS	0-600	10			
DB100N-3/8-S			DB1000M-3/8-S				lbf·ft	lbf·ft			
						DB50F-3AS	0-50	0.5			
	10-100	1		100-1000	10		lbf·in	lbf·in	400		0.7
						DB6001-4AS	0-600	10			
DB100N-S			DB1000M-S				lbf·ft	lbf·ft			
						DB50F-4AS	0-50	0.5			
DB200N-S	20-200	2	DB2000M-S	200-2000	20	DB100F-4AS	0-100	1	500	12.7	
				kgf·m	kgf·m						1.0
				-	-	DB175F-4AS	0-175	2	580		
DB280N5-1/2-S	35-280		DB2800M5-1/2-S	3.5-28		-	-	-	690		1.65
DB280N5-S			DB2800M5-S			DB250F-6AS	0-250				
DB420N-S	40-420	5	DB4200M-S	4-42	0.5	DB350F-6AS	0-350	5	890	19.05	2.5
DBE560N-S	50-560		DBE5600M-S	5-56		-	-	-	1100		4.0
DBE700N-S	70-700		DBE7000M-S	7-70		DB500F-6AS	0-500	10	1260		5.5
DBE850N-S	100-850	10	DBE8500M-S	10-85	1	-	-	-	1360		6.1
DBE1000N-S	100-1000		DBE10000M-S	10-100		DB800F-8AS	0-800		1490		6.4
DBE1400N-S	200-1400	20	DBE14000M-S	20-140	2	DB1000F-8AS	0-1000	10	1740	25.4	8.6
DBE2100N-S	200-2100		DBE21000M-S	20-210		DB1500F-8AS	0-1500		2140		12.8
DBE2800N5-S	350-2800	50	DBE28000M5-S	35-280		DB2000F-12AS	0-2000	20	2380		16.8
	kN·m	kN·m								38.1	
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.
6. DB1.5N4, DB3N4 and the equivalent metric models, American unit models come with ISO6789-2003 certificate.