

Breaker Information					
Breaker Model	TNB-3M	Tightening Torque specifications			
Energy class	ft.lb	350	Side bolt nut	Hex size (mm)	32
Tool Diameter	(mm) inch	(58) 2.3		Torque ft. lbs.	325
Impact Fequency	bpm	550-1000		(nm)	441
Base Machine	lbs	5290-8820			
Weight	kg	2400-4000	Control valve box bolt	Hex size (mm)	n/a
WORKING WEIGHT				Torque ft. lbs.	n/a
Hose size	inch	1/2		(nm)	n/a
Side Mount	lbs	390			
Bracket	kg	175	Control valve cap bolt	Hex size (mm)	n/a
Top Mount	lbs	420		Torque ft. lbs.	n/a
Bracket 1 Piece	kg	190		(nm)	n/a
Top Mount	lbs	465	Hose Adapter	Hex size (mm)	32
Bracket 2 Piece	kg	210		Torque ft. lbs.	325
BOX Bracket	lbs	555		(nm)	441
	kg	250	Gas valve body	Hex size (mm)	22
Side Mount	lbs	520		Torque ft. lbs.	61
Silenced	kg	235		(nm)	83
Bracket			Gas valve plug	Hex size (mm)	14
	psi	2900		Torque ft. lbs.	9
	bar	200		(nm)	12
Carrier Aux. Circuit Relief	Mpa	20	Side Plate nuts	Hex size (mm)	30
	psi	2320		Torque ft. lbs.	253
	bar	160		(nm)	343
Cracking Pressure (*1)	Mpa	16	Bracket bolts	Hex size (mm)	24
				Torque ft. lbs.	140
				(nm)	190
Working Pressure	psi	1450-2180			
	bar	100-150			
	Mpa	10-15			
Oil flow @ working pressure	gpm	7-12			
	L/min	25-45	LIFTING EYES		
Cushion Chamber Pressure (*2)	psi	116	CYLINDER COVER	M12	
	Mpa	0.8	PISTON	M12	
Cushion Chamber Oil Volume	cc	30	VALVE CAP	M8	
	*3) mm	5	CYLINDER	M12	
Breaker Port Size	inch	1/2	CHISEL HOLDER	M12	
Bushing Wear Width limit (mm)	New	58			
	max	62 (4)			
Max. Piston Deformation (mm)					
	max	1			
Grease Every 2 Hrs	pumps	3	Notes:		
*1) Cracking pressure means a pressure observed constant flow after the relief valve starts opening by thepressure increased at the inlet port of the relieh valve.					
*2) Recheck the charge pressure when the breaker body temperature is 104 deg. F (40 deg C)					
*3) fill oil mm below top of cylinder					

STRIKER HYDRAULIC BREAKER SPARE PARTS LIST

MODEL: TNB-3M

Sym	Part Code	Description	Q'ty	ser. No.	Int	Remarks	Kit
	41511480D	MASTER SEAL KIT	1				
20	415115140	CHISEL HOLDER BUSHING	n/a			UPPER BUSHING	
19	415112060	CHISEL BUSHING	1			LOWER BUSHING	
24	415112100	RETAINER PIN	2				
25	130610130	SPRING PIN	2				
		SPRING PIN	n/a				
		STOPPER PLUG	n/a				
65	415112160	SIDE BOLT	4			TIE ROD	
66	136306002	SIDE BOLT RING	4				
67	134206013	SIDE BOLT NUT	4				
	415635430	TOOL CHISEL	1				
	415635420	TOOL BLUNT	1				
	415635410	TOOL MOIL	1				
90	41514130K	GAS VALVE CP	1	1389 up			
		GAS VALVE CP	na				
		AIR VALVE CP	na				