

Order Data Sheet				Customer Job Number
Type DTW, De-energized Tap Changer				Date
ABB Order No.	Quantity	Customer PO No	Transformer Manufacturer	Final Customer

Transformer Data

Type	<input type="checkbox"/> Single Phase (2 Coils)	<input type="checkbox"/> Three Phase
Voltage	Primary: _____ kV	Secondary: _____ kV
Insulation Level	Phase to Ground _____ kV	Phase to Phase _____ kV

Required Ordering Information

Note: The standard number of operating positions is 5. If more or less are required, please specify _____.

Switch Application Data

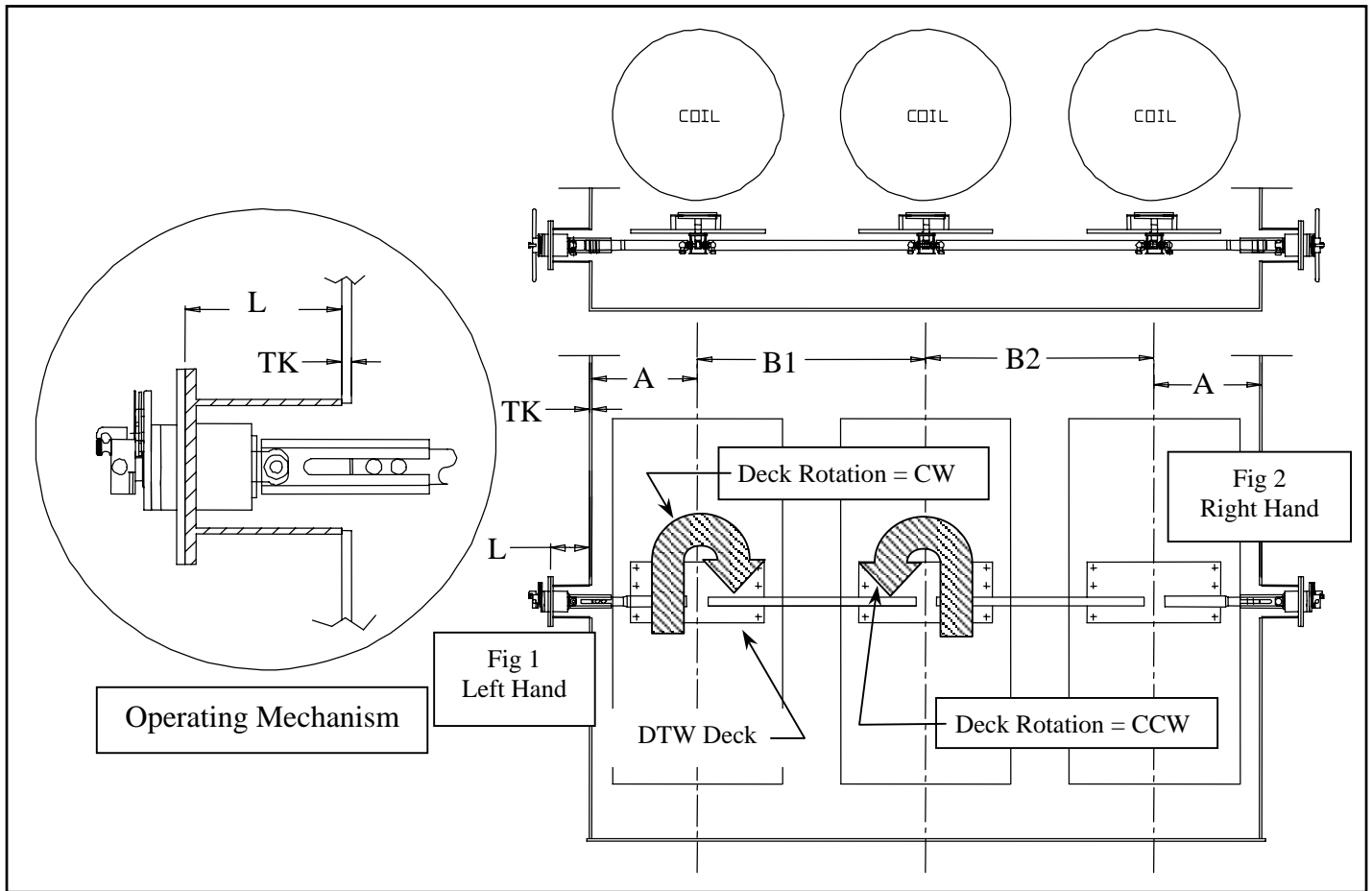
Switch Insulation Level (1.2/50µs Impulse Withstand – Power Frequency Withstand Voltage)			
Phase to Ground	(_____) kV	Between Phases	(_____) kV
Across Regulating Winding	(_____) kV		
Maximum through current	_____ A		

	Please Choose "X"	
Operator Side	<input type="checkbox"/> Left Hand, Fig 1	<input type="checkbox"/> Right Hand, Fig 2
Operating Mechanism	<input type="checkbox"/> Hand Bar (Standard)	<input type="checkbox"/> Hand Wheel (Special)
Bridging	<input type="checkbox"/> Single	<input type="checkbox"/> Double
Labels & Warnings	<input type="checkbox"/> English (Standard)	<input type="checkbox"/> Spanish (Special)
Position Indication	<input type="checkbox"/> 1,2,3,4,5 (Standard)	<input type="checkbox"/> A,B,C,D,E (Special)

When the operator is turned clockwise "CW" the decks turn:			
	Please Choose "X"		
Lower Decks	<input type="checkbox"/> Clockwise (CW) (Standard)	<input type="checkbox"/> Counter (CCW) (Available)	
Upper Decks	<input type="checkbox"/> Clockwise (CW)	<input type="checkbox"/> Counter (CCW)	Double Bridging Only
Shielding?	<input type="checkbox"/> None	<input type="checkbox"/> Level 1	<input type="checkbox"/> Level 2 Refer to Technical Guide

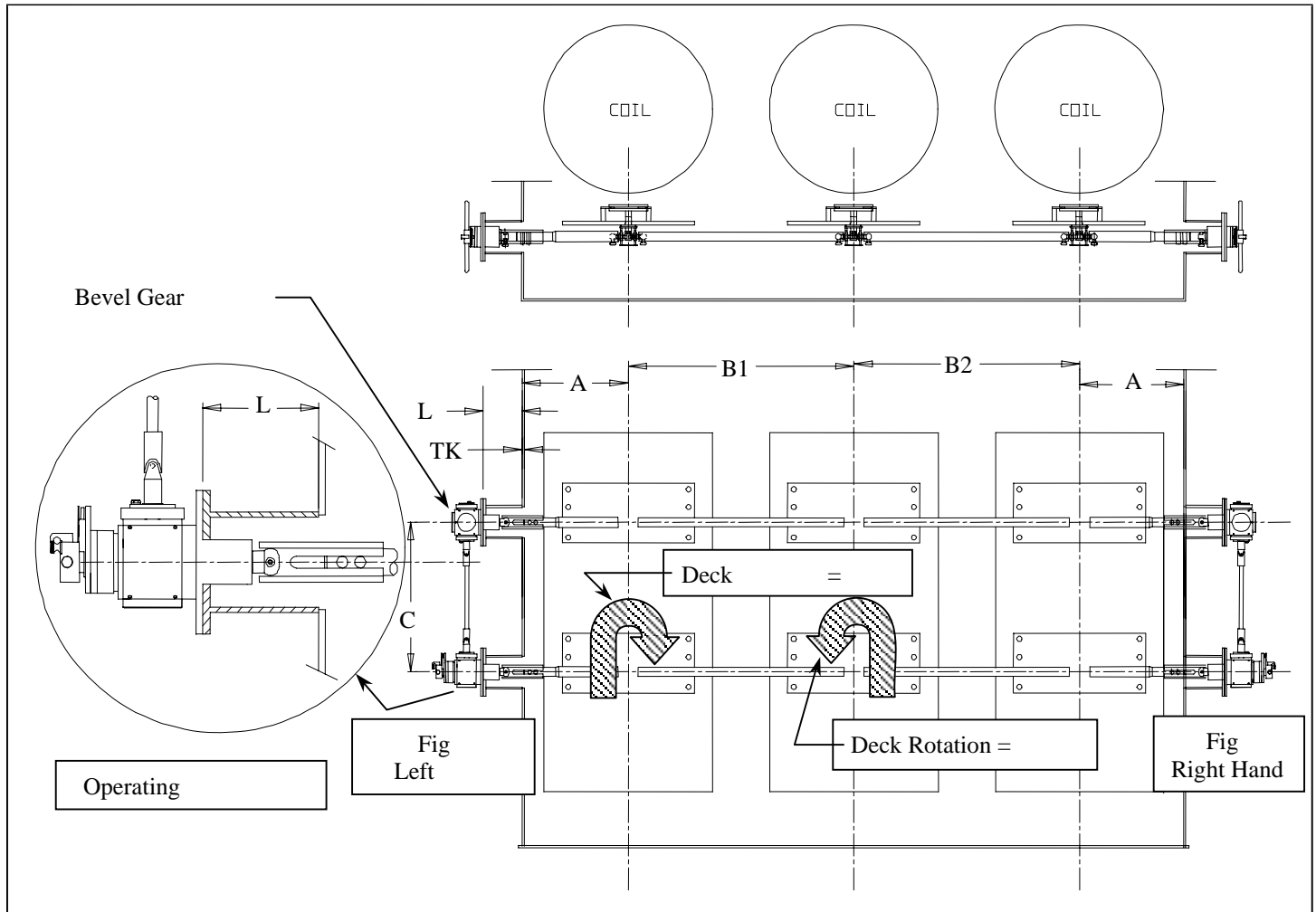
	Enter Dimension	Please Indicate		
Dimension "A"		<input type="checkbox"/> mm	<input type="checkbox"/> inches	
Dimension "B1"		<input type="checkbox"/> mm	<input type="checkbox"/> inches	
Dimension "B2"		<input type="checkbox"/> mm	<input type="checkbox"/> inches	
Dimension "C"		<input type="checkbox"/> mm	<input type="checkbox"/> inches	Double Bridging Only
Dimension "L"		<input type="checkbox"/> mm	<input type="checkbox"/> inches	For ABB mounting boss, L = 6.50 inches (165 mm) is standard.
Dimension "TK"		<input type="checkbox"/> mm	<input type="checkbox"/> inches	
ABB Mounting Boss Required		<input type="checkbox"/> Yes	<input type="checkbox"/> No	Please order 272C581M03 separately.

Notes: _____



Single Bridging Type DTW, De-energized Tap Changer

- Fig 1 = Left Hand Drive, Operating Mechanism
- Fig 2 = Right Hand Drive, Operating Mechanism
- "L" = distance from tank wall to outside surface of mounting flange
- TK = Thickness of tank wall
- A = distance from Center Line of first DTW deck to tank wall
- B1 and B2 = phase to phase distance from centerline of DTW decks
- Deck Rotation from Position 1 to Position 5 (CW = clock wise & CCW = counter clockwise)



Double Bridging Type DTW, De-energized Tap Changer

- Fig 1 = Left Hand Drive, Operating Mechanism
- Fig 2 = Right Hand Drive, Operating Mechanism
- “L” = distance from tank wall to outside surface of mounting flange
- TK = Thickness of tank wall
- A = distance from Center Line of first DTW deck to tank wall
- C = Distance between mounting boss center lines
- B1 and B2 = phase to phase distance from centerline of DTW decks
- Deck Rotation from Position 1 to Position 5 (CW = clock wise & CCW = counter clockwise)
- Minimum distance for C (vertical center line distance between decks) = 400 mm (approximately)
- Maximum distance for C = 2800 mm