

# Transducers

# SRTT-B

## SRTT-B

### STATIONARY REACTION TORQUE TRANSDUCER

Stationary reaction torque transducers are designed for testing wrenches, click wrenches or for tightening tools where rotary action is not desired during measurement. When testing a shut-off tool, a joint simulator is required as an accessory.

The SRTT-B is the new generation of Atlas Copco stationary reaction torque transducers with improved durability thanks to their new mechanical design. The new patented system of fixing the joint simulator on top avoids any possible errors due to the play between the two devices.

A complete range of accessories and a mechanical joint simulator enables you to test shut-off tools or wrenches with square drive output.



SRTT-B

Model	Drive		Torque range		Ordering No.
	Hex mm	Square in	Nm	ft lb	
SRTT-B 0.5-13		1/2	0.1-0.5	0.08-0.37	8059 0946 03
SRTT-B 2-13		1/2	0.4-2	0.3-1.47	8059 0946 09
SRTT-B 5-13		1/2	1-5	0.8-3.6	8059 0946 15
SRTT-B 10-13		1/2	2-10	1.5-7.3	8059 0946 21
SRTT-B 25-36	36		5-25	3.7-18.4	8059 0946 28
SRTT-B 50-36	36		10-50	7.4-36	8059 0946 36
SRTT-B 100-36	36		20-100	14.8-73	8059 0946 45
SRTT-B 250-36	36		50-250	37-184	8059 0946 54
SRTT-B 500-50	50		100-500	74-368	8059 0946 63
SRTT-B 1000-50	50		200-1000	148-737	8059 0946 75
SRTT-B 2000-50	50		400-2000	295-1475	8059 0946 84

### TEST JOINT FOR SRTT-B



Test joint for SRTT-B

Model	SRTT-B Drive		Tool drive		Rated capacity		Ordering No.
	Hex mm	Square in	Hex mm	Square in	Nm	ft lb	
TJ SRTT-B S -0.5		1/2	1/4		0.5	0.37	8059 0940 01
TJ SRTT-B H -0.5		1/2	1/4		0.5	0.37	8059 0940 02
TJ SRTT-B S -2		1/2	1/4		2	1.47	8059 0940 03
TJ SRTT-B H -2		1/2	1/4		2	1.47	8059 0940 04
TJ SRTT-B S -5		1/2	1/4		5	3.69	8059 0940 05
TJ SRTT-B S -5		1/2	1/4		5	3.69	8059 0940 06
TJ SRTT-B S -10		1/2	1/4		10	7.36	8059 0940 20
TJ SRTT-B H -10		1/2	1/4		10	7.36	8059 0940 21
TJ SRTT-B S -25	36			3/8	25	18.40	8059 0940 07
TJ SRTT-B H -25	36			3/8	25	18.40	8059 0940 08
TJ SRTT-B S -50	36			1/2	50	36.88	8059 0940 09
TJ SRTT-B H -50	36			1/2	50	36.88	8059 0940 10
TJ SRTT-B S -100	36			1/2	100	73.76	8059 0940 11
TJ SRTT-B H -100	36			1/2	100	73.76	8059 0940 12
TJ SRTT-B S -250	36			1/2	250	184.40	8059 0940 13
TJ SRTT-B H -250	36			1/2	250	184.40	8059 0940 14
TJ SRTT-B S -500	50			3/4	500	368.78	8059 0940 15
TJ SRTT-B H -500	50			3/4	500	368.78	8059 0940 16
TJ SRTT-B 1000-50	50			1	1000	737.60	8059 0940 17

## Optional Accessories

Adapter



Square socket



### ADAPTERS

Adapter	Drive		Ordering No.
	Hex mm	Square in	
1/2" to 1/4"		1/2	8059 0978 63
1/2" to 3/8"		1/2	8059 0978 64
3/8" to 36	36		8059 0978 65
1/2" to 36	36		8059 0978 66
1/2" to 50	50		8059 0978 67
3/4" to 50	50		8059 0978 68
1" to 50	50		8059 0978 69

### SQUARE SOCKETS

Adapter	Ordering No.
1/4" - 1/4"	8059 0977 64
3/8" - 3/8"	8059 0977 65
1/2" - 1/2"	8059 0977 66
3/4" - 3/4"	8059 0977 67
1" - 1"	8059 0978 52
1/4" - 3/8"	8059 0977 68
3/8" - 1/2"	8059 0977 69
1/2" - 3/4"	8059 0977 70
3/4" - 1"	8059 0978 53