

QRTT/IRTT-B

Transducers

QRTT

Transducers used for QST, QMX and ETX nutrunner as well as for fixtured Tensor tool calibration. This transducer enables fast, easy set-up with highest system accuracy. By using the QRTT, no special test adaptation device between the spindle and the product itself is needed.

QRTT



Model	Drive square in	For QMX spindle	Torque range		Ordering No.
			Nm	ft lb	
QRTT 20 Nm kit	3/8	42	4-20	3-15	8092 1164 13
QRTT 75 Nm kit	3/8	42	15-75	11-55	8092 1164 18
QRTT 200 Nm kit	1/2	50	40-200	30-150	8092 1164 23
QRTT 500 Nm kit	3/4	62	100-500	74-369	8092 1164 28
QRTT 1000 Nm kit	1	80, 90	200-1000	148-737	8092 1164 33

IRTT-B

IRTT-B is the new generation of Atlas Copco torque and torque/angle in-line rotary transducers incorporating significant improvements in durability and accuracy. They can also work with pulse tools thanks to their revolutionary and unique solution for the slip ring and brush block. Also new is the angle reading system that uses a patent solution which gives better resolution and longer life. The mechanics have also been completely reviewed to achieve a higher level of durability.

IRTT-B is equipped by a memory chip that is read by the Atlas Copco data analyser. In this way the Data analyser is automatically calibrated to the transducer sensitivity and avoid any possible set up errors.



IRTT-B

Model	Drive		Torque range		Ordering No.	Model	Drive		Torque range		Ordering No.
	Hex in	Square in	Nm	ft lb			Hex in	Square in	Nm	ft lb	
Torque models						Torque/angle models					
IRTT-B 5-I06	1/4		1-5	0.8-3.6	8059 0942 05	IRTT-B 1A-I06	1/4		0.2-1	0.14-0.73	8059 0943 96
IRTT-B 5-06		1/4	1-5	0.8-3.6	8059 0942 07	IRTT-B-2A-I06	1/4		0.4-2	0.3-1.47	8059 0943 01
IRTT-B 20-I06	1/4		4-20	3-15	8059 0942 10	IRTT-B 5A-I06	1/4		1-5	0.8-3.6	8059 0943 06
IRTT-B 20-06		1/4	4-20	3-15	8059 0942 15	IRTT-B 5A-06		1/4	1-5	0.8-3.6	8059 0943 08
IRTT-B 25 -10		3/8	5-25	3.7-18.4	8059 0942 20	IRTT-B 20A-I06	1/4		4-20	3-15	8059 0943 11
IRTT-B 75-10		3/8	15-75	11-55	8059 0942 25	IRTT-B 20A-06		1/4	4-20	3-15	8059 0943 16
IRTT-B 180-13		1/2	36-180	27-133	8059 0942 30	IRTT-B 25A-10		3/8	5-25	3.7-18.4	8059 0943 21
IRTT-B 500-20		3/4	100-500	74-369	8059 0942 35	IRTT-B 75A-10		3/8	15-75	11-55	8059 0943 26
IRTT-B 750-25		1	150-750	111-553	8059 0942 40	IRTT-B 180A-13		1/2	36-180	27-133	8059 0943 31
IRTT-B 1400-25		1	280-1400	206.6-1033	8059 0942 45	IRTT-B 500A-20		3/4	100-500	74-369	8059 0943 36
IRTT-B 3000-38		1 1/2	600-3000	440-2200	8059 0942 52	IRTT-B 750A-25		1	150-750	111-553	8059 0943 41
IRTT-B 5000-38		1 1/2	1000-5000	737-3685	8059 0942 56	IRTT-B 1400A-25		1	280-1400	206.6-1033	8059 0943 46
						IRTT-B 3000A-38		1 1/2	600-3000	440-2200	8059 0943 52
						IRTT-B 5000A-38		1 1/2	1000-5000	737-3685	8059 0943 56
						IRTT-B 10000A-38		1 1/2	2000-10000	1474-7370	8059 0943 60

NOTE: All IRTT are equipped with 19-pin connector.