

TECHNICAL DATASHEET: MANOSKOP® 766 DAPTIQ



Part Number:
766

Code Number:
see table

Description:
Electromechanical angle-controlled torque wrench

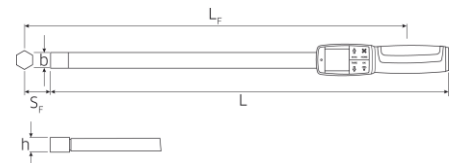
Date:
20.03.2019

Revision:
1.5



The next generation of electromechanical angle-controlled torque wrench from STAHLWILLE offers the perfect solution for applications in which the tool must be integrated into a highly flexible, semi-automated Industry 4.0 environment. With its bidirectional interface, open source API and radio module, it is leading the way in the digital workplace of the future.

Subject to change without notice

The information does not represent a quality assurance in the sense of §459 (2) BGB and does not justify any liability. They describe the products in general form



MANOSKOP® 766

Code	Nr.	N·m	ft·lb	in·lb	 mm	b mm	h mm	L mm	L _f mm	S _f mm	
96 50 27 01	766/1	1-10	0,7-7,5	9-90	9 x 12	28	23	226	188	17,5	370
96 50 27 02	766/2	2-20	1,5-15	18-180	9 x 12	28	23	226	188	17,5	380
96 50 27 04	766/4	4-40	3-30	36-360	9 x 12	28	23	252	214	17,5	420
96 50 27 06	766/6	6-60	4,5-45	54-540	9 x 12	28	23	393	355	17,5	810
96 50 27 10	766/10	10-100	7,4-75	90-900	9 x 12	28	23	466	428	17,5	1085
96 50 27 20	766/20	20-200	15-150	180-1800	14 x 18	28	23	547	516	25	1361
96 50 27 40	766/40	40-400	30-300	360-3600	14 x 18	28	23	687	656	25	1765
96 50 27 65	766/65	65-650	48-480	580-5800	22 x 28	30,6	25,6	890	890	55	3222
96 50 27 80	766/80	80-800	60-600	720-7200	22 x 28	30,6	25,6	1158	1158	55	4572
96 50 28 00	766/100	100-1000	74-750	900-9000	22 x 28	30,6	25,6	1343	1343	55	4990

Accessories

		Socket		
52 11 02 01	WirelessModule	Micro USB		
52 11 02 00	BaseStation	USB A	*for desk mounting	
52 11 02 02	BaseStation	USB A	*for wall mounting	
96 50 28 10	BaseStation+ WirelessModule	-		
96 50 28 11	PowerPack 766	-		



MANOSKOP® 766

Measuring mode	Torque / Angle
Operation mode	Electromechanical click / indicating
Rel. deviation	±2% torque / ±1% angle
Torque indication	≤60 N·m: 0,01 N·m resolution >60 N·m: 0,1 N·m
Angle indication	0,1° resolution
Power Supply	4x AAA or optional Li-Ion (PowerPack 766)
Power supply BaseStation	5V via USB-A Cable
Interface	Cable - Micro-USB to USB A / Wireless
Wireless-Band	868 MHz (Europe - CE) / 915 MHz (USA - FCC)
Protocol	Micro-USB Cable / USB - HID Mode for service only Micro-USB Cable / USB - CAL Mode for calibration on STAHLWILLE calibration system Micro-USB Cable / USB - CDC Mode Open Protocol for integration Wireless /USB - ISM Mode Open Protocol for integration
Max. cable length	≤6,5 feet / 2 m *1
Wireless range	Free field: up to 197 feet / 60 m
Sample rate	5 samples / second
Recommended connection	5 wrenches per BaseStation
Data transfer rate	38,4 Kbps
Response time	50 - 1000 ms *2
Operating time	≥ 8 hours
Storage temp.	-10° / +60° *3
Operating temp.	0° / +40° *3

*1 USB Cable

*2 depending on frequency assignment & number of connected wrenches

*3 no humidity