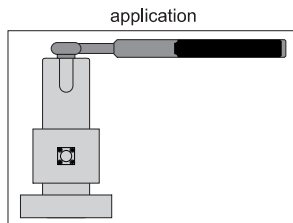




VIDEO

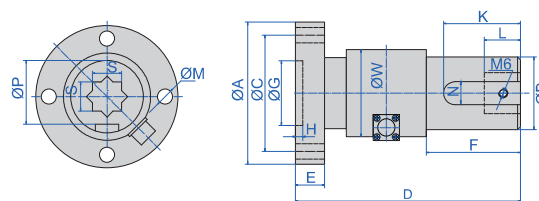


- Wide range of applications: for testing electric, pneumatic and manual torque screwdrivers and torque wrenches and other torque tools and torque monitoring
- Clockwise and counter-clockwise operation
- High overall accuracy, good long-term stability

SPECIFICATION

Output sensitivity	1.0~2.0mV/V
Zero output	±1%FS
Accuracy	±0.2%FS
Repeatability	±0.2%FS
Hysteresis	±0.5%FS
Creep (30 minutes)	±0.1%FS
Temperature sensitivity drift	±0.1%FS/10°C
Zero temperature drift	±0.1%FS/10°C
Response frequency	10kHz
Material	alloy steel/stainless steel
Electrical impedance	350±5/700±5Ω
Insulation impedance	≥5000MΩ/100VDC
Operation voltage	5~15V
Working temperature	-20~80°C
Safety overload	120%
Extreme overload	150%
Cable specification	Ø5mm×3m
Extreme cable pulling force	10kg

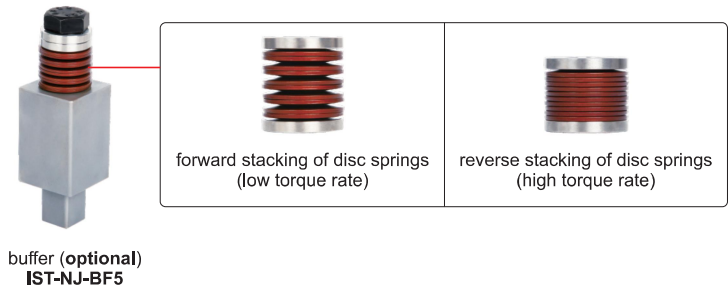
STATIC TORQUE SENSORS



(mm)

Code	Maximum range	ØA	ØB	ØC	ØW	D	E	F	K	L	N	S	ØP	ØM	ØG	H
IST-NJ10S	10N.m	98	50	80	58	90	15	33	33	25	16	20	44	4×Ø10.5	/	/
IST-NJ20S	20N.m															
IST-NJ30S	30N.m															
IST-NJ50S	50N.m															
IST-NJ100S	100N.m															
IST-NJ200S	200N.m															
IST-NJ300S	300N.m															
IST-NJ500S	500N.m															
IST-NJ1000S	1000N.m															
IST-NJ10L	10N.m	98	50	80	58	155	20	65	53	25	16	20	44	4×Ø10.5	/	/
IST-NJ20L	20N.m															
IST-NJ30L	30N.m															
IST-NJ50L	50N.m															
IST-NJ100L	100N.m															
IST-NJ200L	200N.m															
IST-NJ300L	300N.m															
IST-NJ500L	500N.m															
IST-NJ1000L	1000N.m															
IST-NJ2000*	2000N.m	125	75	105	83	150	20	65	60	30	20	25.5	67.5	8×Ø12	60	6
IST-NJ3000*	3000N.m											40.5				
IST-NJ5000*	5000N.m															

* Without M6 hole



BUFFER (OPTIONAL) SPECIFICATION

Code	Screw diameter	Torque capacity	Dimension	Weight
IST-NJ-BF1*	6mm	5N.m	20×20×63mm	135g
IST-NJ-BF2*	8mm	20N.m	20×20×67mm	150g
IST-NJ-BF3*	10mm	50N.m	20×20×70mm	170g
IST-NJ-BF4*	12mm	100N.m	40×40×125mm	920g
IST-NJ-BF5*	16mm	350N.m	40×40×133mm	1000g
IST-NJ-BF6*	20mm	700N.m	40×40×145mm	1185g

* Not suitable for IST-NJ2000, IST-NJ3000, IST-NJ5000

buffer test example



OPTIONAL ACCESSORY

Handheld force/torque Indicator	ISF-DG4
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