

SPECIFICATIONS

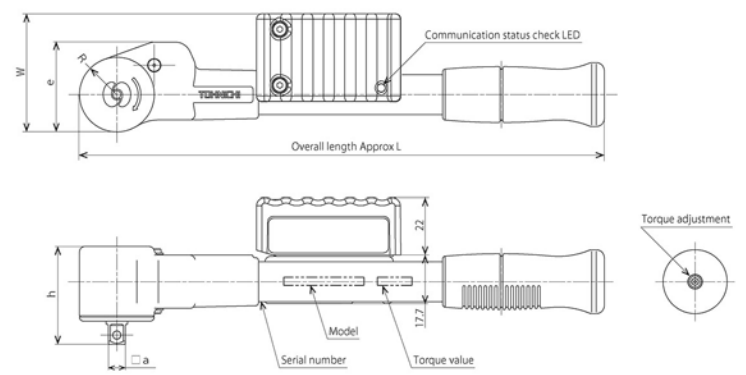
MODEL			QSPCAFH6N	QSPCAFH12N	QSPCAFH30N	QSPCAFH70N
S.I. TORQUE RANGE [N・m]	MIN. - MAX.		2 - 6	4 -12	10 -30	20 - 70
METRIC TORQUE RANGE [kgf・cm]	MIN. - MAX.		20 - 60	40 - 120	100 - 300	200 - 700
AMERICAN TORQUE RANGE [lbf・in]	MIN. - MAX.		20 - 50	40 - 100	90 - 270	180 - 620
DIMENSION[mm]	OVERALL LENGTH	L	197		267	346
	SQ. DRIVE	a	6.35		9.53	
	HEAD	R	14		17	21.5
	HEIGHT	h	37		48	58
	BODY	e	34		40.5	49
		W	44.3		51	57.5
		φd	15		20	27.2
		φD	24		34	-
WEIGHT[kg]			0.33		0.64	1.24
ACCURACY[%]			±6	±4		

MODEL	QSPCAFH
FREQUENCY BAND	2.4GHzband (2.402GHz - 2.479GHz、 1MHz interval 78ch)
COMMUNICATION SYSTEM	Spread spectrum(frequency hopping system)
MODULATION SYSTEM	GFSK
MODULATION RATE	250kbps/1Mbps
GROUP CHANNEL	256(000 - 255)
ID	3 digit (000 - 999)、 7digit (alphanumeric)
POWER	DC3V(CR2032)
ANTENNA	pattern antenna
OPERATING TEMPERATURE RANGE	0 - 50°C 85%RH or less (No condensation)
TRANSMITTING RECEIVING DISTANCE	New communication method: about 20 - 30 m Old communication method: about 10 - 20 m

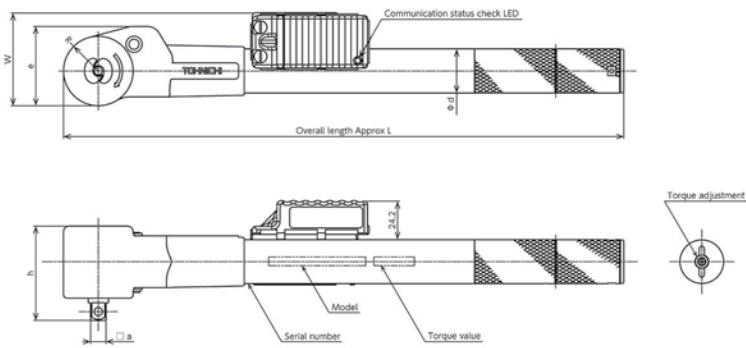
Notes

- QSPCAFH6N and QSPCAFH12N transmitters conform with telecommunication standards in Japan, the U.S., Canada, Thailand, Taiwan, Mexico, Vietnam, China, the EU, South Korea, India, and Singapore. (Information valid as of March 2024.) For other countries, please contact Tohnichi.
- QSPCAFH30N and QSPCAFH70N conform with telecommunication standards in Japan, the U.S., Canada, Thailand, Taiwan, Mexico, Vietnam, China, the EU, South Korea, India, Singapore, and Malaysia. (Information valid as of March 2024.)
- One R-CM receiver can communicate with a maximum of four torque devices, but it does not function with a mixture of new and old communication modes. (QSPCAFH can be switched to the older communication mode.)
- QSPCAFH is set to the new communication mode when shipped. If you wish to change to the older communication mode, you need to operate the switch on the transmitter.
- Before the product is shipped, we can custom set the channel and group ID (for a fee). At the same time, we can also change the communication mode from old to new or vice versa.

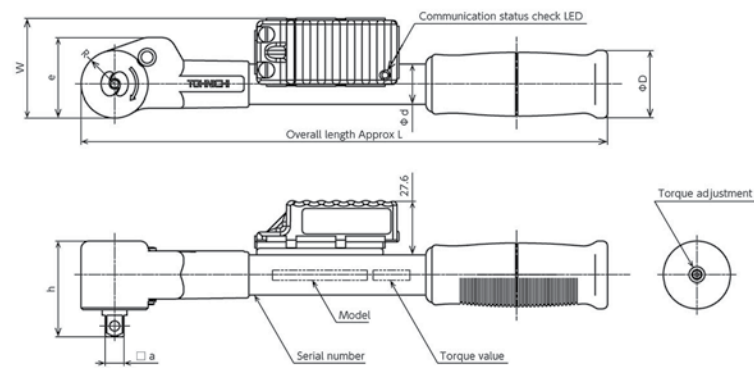
DIMENSIONS



QSPCAFH6N, QSPCAFH12N



QSPCAFH70N



QSPCAFH30N