

## SHELL TYPE NEEDLE ROLLER BEARINGS



TA...Z

Shaft dia. 65 – 70mm

Shaft dia. mm	Identification number										Boundary dimensions mm				Standard mounting dimensions mm						Basic dynamic load rating C N	Basic static load rating C <sub>0</sub> N	Allowable rotational speed <sup>(1)</sup> rpm	Assembled inner ring
	Standard	Mass (Ref.) g	Closed end	Mass (Ref.) g	Standard	Mass (Ref.) g	Closed end	Mass (Ref.) g	Grease retained	Mass (Ref.) g	F <sub>w</sub>	D	C	r <sub>1</sub> Max.	Shaft dia.		Housing bore dia.							
															Max.	h6 Min.	Max. J7	Min.	Max. N7	Min.				
65	TA 6525 Z	169	TAM 6525	197	—	—	—	—	—	—	65	77	25	3.4	65.000	64.981	77.018	76.988	—	—	56 500	116 000	4 000	IRT 5525
	TA 6530 Z	205	TAM 6530	230	—	—	—	—	—	—	65	77	30	3.4							68 500	149 000	4 000	IRT 5530
	TAW 6545 Z	290	TAMW 6545	315	—	—	—	—	—	—	65	77	45	3.4							88 300	207 000	4 000	IRT 5545
	TAW 6550 Z	330	TAMW 6550	355	—	—	—	—	—	—	65	77	50	3.4							101 000	246 000	4 000	IRT 5550
70	TA 7025 Z	181	TAM 7025	215	—	—	—	—	—	—	70	82	25	3.4	70.000	69.981	82.022	81.987	—	—	58 500	124 000	3 500	IRT 6025
	TA 7030 Z	220	TAM 7030	250	—	—	—	—	—	—	70	82	30	3.4							70 900	159 000	3 500	IRT 6030
	TA 7040 Z	290	TAM 7040	320	—	—	—	—	—	—	70	82	40	3.4							92 000	222 000	3 500	IRT 6040
	TAW 7050 Z	350	TAMW 7050	380	—	—	—	—	—	—	70	82	50	3.4							105 000	262 000	3 500	IRT 6050

Note<sup>(1)</sup> Allowable rotational speed applies to oil lubrication. For grease lubrication, a maximum of 80% of this value is allowable.

Remarks 1. "W" in the identification number indicates that rolling elements are arranged in double rows.

2. Shell Type Grease Retained Full Complement Needle Roller Bearings are provided with prepacked grease. Standard type and closed end type bearings are not provided with prepacked grease, so perform proper lubrication when using these types of bearings.