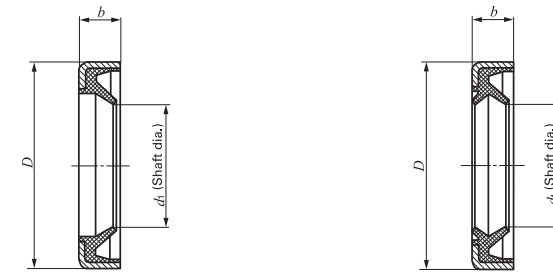


SEALS FOR NEEDLE ROLLER BEARINGS



Shaft dia. 6 – 15mm

Shaft dia. mm	Identification number		Boundary dimensions mm			Combinable bearings			
	Single lip	Double lips	d_1	D	b	TA···Z YT TLA···Z YTL	RNA TR TAF GTR	RNAF	NAX NBX
6	OS 6102.5	—	6	10	2.5	TLA 69Z	—	—	—
7	OS 7112.5	—	7	11	2.5	TLA 79Z	—	—	—
8	OS 8123	—	8	12	3	TLA 810Z	—	—	—
	OS 8153	—				TA 810Z	RNA 496	RNAF 81510	—
	—	—				TA 815Z TA 820Z YT 810	TAF 81512 TAF 81516	—	—
9	OS 9133	—	9	13	3	TLA 910Z TLA 912Z	—	—	—
	OS 9163	—				9	16	3	TA 912Z TA 916Z YT 912
10	OS 10143	—	10	14	3	TLA 1010Z TLA 1012Z TLA 1015Z	—	—	—
	OS 10173	—				10	17	3	TA 1010Z TA 1012Z TA 1015Z TA 1020Z



OS

DS

Shaft dia. mm	Identification number		Boundary dimensions mm			Combinable bearings						
	Single lip	Double lips	d_1	D	b	TA···Z YT TLA···Z YTL	RNA TR TAF GTR	RNAF	NAX NBX			
12	OS 12163	—	12	16	3	TLA 1210Z YTL 1210	—	—	—			
	OS 12183	—				12	18	3	TLA 1212Z	—	—	—
	OS 12193	—				12	19	3	TA 1212Z TA 1215Z TA 1220Z TA 1225Z YT 1212	TAF 121912 TAF 121916	—	—
13	OS 13193	—	13	19	3	TLA 1312Z	—	—	—			
14	OS 14203	DS 14203	14	20	3	TLA 1412Z TLA 1416Z	—	—	—			
	OS 14223	DS 14223				14	22	3	TA 1416Z TA 1420Z	RNA 4900 TAF 142216 TAF 142220	RNAF 142213 RNAFW 142220	—
15	OS 15213	DS 15213	15	21	3	TLA 1512Z TLA 1516Z TLA 1522Z	—	—	—			
	OS 15223	DS 15223				15	22	3	TA 1510Z TA 1512Z TA 1515Z TA 1520Z TA 1525Z	—	—	—
	OS 15235	DS 15235				15	23	5	—	TAF 152316 TAF 152320	RNAF 152313 RNAFW 152320	—

L

OS
DS