



Preload change at matched spindle bearing sets by changing the spacer width

Series S 618

Effect at	O-Arrangement	X-Arrangement
Situation		
Width of inner spacer smaller than outer spacer	Increase of preload	Decrease of preload
Width of outer spacer smaller than inner spacer	Decrease of preload	Increase of preload

Spacer width reduction for changing the preload

Δ -Preload	L	Difference	M	Difference	S
Type	[N]	[micron]	[N]	[micron]	[N]
S 61800 C	8	5	25	5	50
S 61801 C	9	4	25	5	55
S 61802 C	10	5	30	5	60
S 61803 C	10	4	30	5	60
S 61804 C	19	6	55	6	110
S 61805 C	19	5	55	6	110
S 61806 C	20	5	60	5	120
S 61807 C	20	5	60	5	120
S 61808 C	21	5	60	5	120
S 61809 C	21	5	65	5	130
S 61810 C	30	6	90	6	180
S 61811 C	45	7	140	6	250
S 61812 C	45	7	140	8	300
S 61813 C	65	8	190	9	400
S 61814 C	65	7	190	8	400

Δ -Preload	L	Difference	M	Difference	S
Type	[N]	[micron]	[N]	[micron]	[N]
S 61800 E	13	3	40	4	80
S 61801 E	15	3	45	4	90
S 61802 E	15	3	45	3	90
S 61803 E	16	3	50	3	100
S 61804 E	30	4	90	4	170
S 61805 E	30	4	90	4	170
S 61806 E	30	3	90	4	180
S 61807 E	30	3	90	4	190
S 61808 E	30	4	100	3	190
S 61809 E	35	3	100	3	200
S 61810 E	45	4	140	5	300
S 61811 E	70	5	210	5	400
S 61812 E	75	5	220	5	450
S 61813 E	100	5	300	6	600
S 61814 E	100	5	300	6	600