

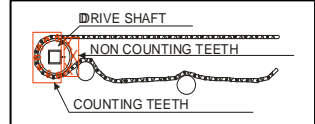
RADIUS BELTS

ALPHAbelt S3200

LOAD= The maximum conveyed load that can concentrate on the belt at a certain moment +the friction resistance between the belt and the wear strips (page...) + launching resistance of the belt (page..) X the percentage rate.

MINIMUM QUANTITY OF TEETH ON THE DRIVE SHAFT: The quantity of teeth that should be calculated is this that works with the belt on a certain moment (side drawing).

MINIMUM QUANTITY OF SPROCKETS ON THE IDLE SHAFT: It is suggested to use on the idle shaft sprockets with the same diameter with those on the drive shaft.



BELT'S WIDTH IN mm	LOAD UP TO 30% OF THE CAPACITY OF THE BELT AT THE RELATED WIDTH			LOADS UP TO 60% OF THE CAPACITY OF THE BELT AT THE RELATED WIDTH			LOAD UP TO 100% OF THE CAPACITY OF THE BELT AT THE RELATED WIDTH		
	MINIMUM QUANTITY OF TEETH ON THE DRIVE SHAFT	MINIMUM QUANTITY OF SPROCKETS ON THE DRIVE SHAFT	MINIMUM QUANTITY OF SPROCKETS ON THE IDLE SHAFT	MINIMUM QUANTITY OF TEETH ON THE DRIVE SHAFT	MINIMUM QUANTITY OF SPROCKETS ON THE DRIVE SHAFT	MINIMUM QUANTITY OF SPROCKETS ON THE IDLE SHAFT	MINIMUM QUANTITY OF TEETH ON THE DRIVE SHAFT	MINIMUM QUANTITY OF SPROCKETS ON THE DRIVE SHAFT	MINIMUM QUANTITY OF SPROCKETS ON THE IDLE SHAFT
50	2	1	1	3	1	1	4	1	1
100	3	1	1	5	1	1	8	2	2
150	4	2	2	7	2	2	12	2	2
200	5	2	2	9	2	2	15	3	3
250	6	3	3	11	3	3	19	3	3
300	7	3	3	13	3	3	23	5	5
350	8	3	3	15	3	3	27	5	5
400	9	5	5	17	5	5	30	5	5
450	10	5	5	19	5	5	34	7	7
500	11	5	5	21	5	5	38	7	7
550	12	5	5	23	5	5	42	7	7
600	13	7	7	25	7	7	45	9	9
650	14	7	7	27	7	7	49	9	9
700	15	7	7	29	7	7	53	9	9
750	16	7	7	31	7	7	57	11	11
800	17	9	9	33	9	9	60	11	11
850	18	9	9	35	9	9	64	11	11
900	19	9	9	37	9	9	68	13	13
950	20	9	9	39	9	9	72	13	13
1000	21	11	11	41	11	11	75	13	13