



Materials:

Axis: steel
 Running roller: aluminium
 Flanges: aluminium

BRECO order example

Tension roller B/F2 117 / 180 - 2
 Width B
 Diameter D
 Number of flanges

Tension roller Type B/F0 (stock program)

B [mm]	D [mm]	Number of flanges	max. Belt width [mm]	d _B [mm]	B ₂ [mm]	K [mm]	G	t [mm]	D ₁ [mm]	Loadbearing parameters		max. Rotational speeds n [min ⁻¹]
										C _{dyn.} [N]	C _{stat.} [N]	
114	60	0	100	-	124	34	M8 (3x)	15	45	19300	13100	5000
114	80	0	100	-	124	34	M8 (3x)	15	45	19300	13100	5000
70	120	0	50	-	85	65	M12 (3x)	24	85	70500	48000	5000
90	120	0	75	-	110	65	M12 (3x)	24	85	70500	48000	5000
117	120	0	100	-	131	65	M12 (3x)	24	85	70500	48000	5000
70	180	0	50	-	85	65	M12 (3x)	25	106	70500	48000	5000
90	180	0	75	-	110	80	M16 (3x)	25	106	106000	76000	5000
117	180	0	100	-	131	80	M16 (3x)	25	106	106000	76000	5000

Tension roller Type B/F2 (stock program)

B [mm]	D [mm]	Number of flanges	max. Belt width [mm]	d _B [mm]	B ₂ [mm]	K [mm]	G	t [mm]	D ₁ [mm]	Loadbearing parameters		max. Rotational speeds n [min ⁻¹]
										C _{dyn.} [N]	C _{stat.} [N]	
114	60	2	100	71	124	34	M8 (3x)	15	45	19300	13100	5000
114	80	2	100	91	124	34	M8 (3x)	15	45	19300	13100	5000
70	120	2	50	137	85	65	M12 (3x)	24	85	70500	48000	5000
90	120	2	75	137	110	65	M12 (3x)	24	85	70500	48000	5000
117	120	2	100	137	131	65	M12 (3x)	24	85	70500	48000	5000
70	180	2	50	204	85	65	M12 (3x)	25	106	70500	48000	5000
90	180	2	75	204	110	80	M16 (3x)	25	106	106000	76000	5000
117	180	2	100	204	131	80	M16 (3x)	25	106	106000	76000	5000