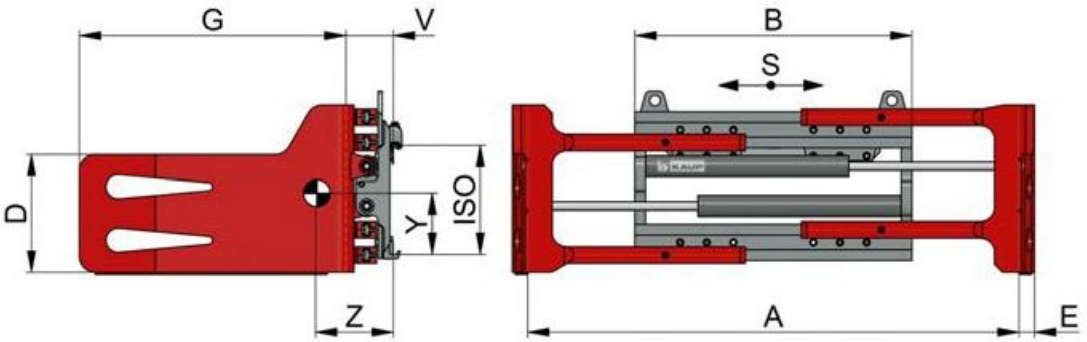
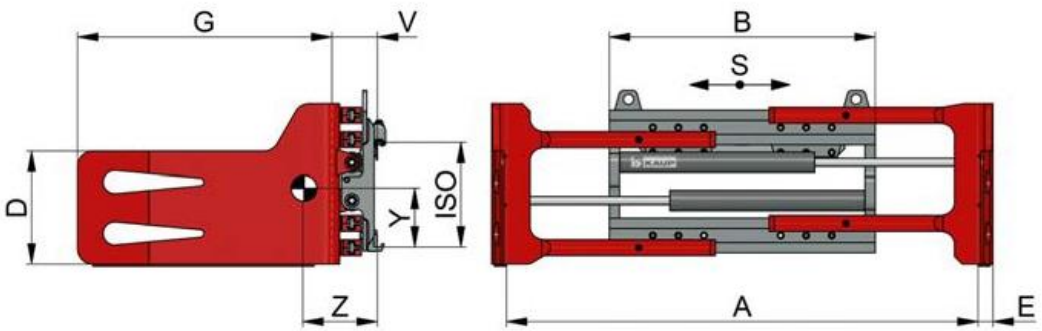




Bale Clamp, Pulp Bale Clamp T413

Bale Clamps allow palletless handling of bales, e.g. pulp, paper, recycled paper or bales of tobacco. The inner sides of the arms are designed to meet the exact transportation requirements. As a rule, both arms of the Bale Clamp are fixed, whereby at least one arm of the larger Pulp Bale Clamps is swivelling.

Model	Capacity kg	LCD mm	S mm	A mm	B mm	D mm	E mm	G mm	ISO cl.	V mm	CofG Z mm	CofG$_V$ Y mm	Weight kg
1,5T 413	1.400	500	± 100	495-1.675	970	440	37	800	2	163	227	236	354
								1.000			289	228	390
								1.200			359	227	436
1,5T 413	1.400	500	± 100	425-1.605	1.040	440	37	800	2	163	227	235	358
								1.000			289	227	394
								1.200			358	226	440
1,5T 413	1.400	500	± 100	495-1.745	1.040	440	37	800	2	163	226	235	359
								1.000			288	227	395
								1.200			358	226	441
1,5T 413	1.400	500	± 100	480-1.880	1.200	440	37	800	2	163	222	235	377
								1.000			283	227	413
								1.200			351	226	459
2T 413	2.100	500	± 100	575-1.875	1.040	440	42	1.000	2/3	178	292	228	462
								1.200			363	228	520
2T 413	2.100	500	± 100	485-1.785	1.130	440	42	1.000	2/3	178	290	228	467
								1.200			360	228	525
2T 413	2.100	500	± 100	485-1.985	1.330	440	42	1.000	2/3	178	283	229	482
								1.200			352	229	540
2T 413	2.100	500	± 100	595-2.395	1.520	440	42	1.000	2/3	178	267	231	520
								1.200			333	231	578
3T 413	2.500	500	± 100	575-1.975	1.130	470	47	1.000	2/3	182	271	248	582
								1.200			336	241	636
	1.560	800						1.600			469	233	728
3T 413	2.500	500	± 100	605-2.235	1.330	470	47	1.000	2/3	182	265	248	602
								1.200			328	241	655
	1.560	800						1.600			460	234	746
3T 413	2.500	500	± 100	645-2.445	1.460	470	47	1.000	2/3	182	257	249	631
								1.200			318	242	685
	1.560	800						1.600			446	235	775
4T 413	3.000	500	± 100	575-1.975	1.130	470	47	1.200	3	192	325	283	709
	2.140	700						1.400			392	277	773
	1.880	800						1.600			449	271	802
4T 413	3.000	500	± 100	475-1.975	1.330	470	47	1.200	3	192	319	283	728
	2.140	700						1.400			385	278	792
	1.880	800						1.600			441	272	820
4T 413	3.000	500	± 100	605-2.235	1.330	470	47	1.200	3	192	318	283	731
	2.140	700						1.400			384	278	795
	1.880	800						1.600			440	272	822
4T 413	3.000	500	± 100	635-2.435	1.460	470	47	1.200	3	192	311	285	756
	2.140	700						1.400			375	279	820
	1.880	800						1.600			430	273	847





Bale Clamp, Pulp Bale Clamp T413

Model	Capacity kg	LCD mm	S mm	A mm	B mm	D mm	E mm	G mm	ISO cl.	V mm	CofG Z mm	CofG$_v$ Y mm	Weight kg
4,5T 413	3.200	600	± 100	595-1.995	1.200	470	52	1.200	3	223	325	242	829
	2.740	700						1.400			389	237	890
	2.400	800						1.600			444	236	946
4,5T 413	3.200	600	± 100	465-1.865	1.330	470	52	1.200	3	223	321	241	841
	2.740	700						1.400			385	236	902
	2.400	800						1.600			440	235	958
4,5T 413	3.200	600	± 100	695-2.325	1.330	470	52	1.200	3	223	313	242	878
	2.740	700						1.400			375	237	940
	2.400	800						1.600			428	236	995
4,5T 413	3.200	600	± 100	565-2.195	1.460	470	52	1.200	3	223	316	241	861
	2.740	700						1.400			379	236	922
	2.400	800						1.600			433	235	978
4,5T 413	3.200	600	± 100	765-2.595	1.460	470	52	1.200	3	223	309	242	897
	2.740	700						1.400			370	237	958
	2.400	800						1.600			422	236	1.014
4,8T 413	2.630	800	± 100	695-2.325	1.330	470	52	1.600	3	213	424	276	1.013
	2.330	900						1.800			493	274	1.092
4,8T 413	2.630	800	± 100	565-2.195	1.460	470	52	1.600	3	213	428	276	996
	2.330	900						1.800			499	273	1.075
5T 413	3.300	700	± 160	545-2.175	1.550	470	52	1.400	4	213	349	296	1.046
	2.900	800						1.600			402	293	1.115
5T 413	3.300	700	± 160	545-2.445	1.820	470	52	1.400	4	213	341	297	1.081
	2.900	800						1.600			392	294	1.150

Preferential range

Also available without sideshift, model T403.
Bale clamps with higher capacities available upon request (see page 75).
Variations in width, opening ranges and arm dimensions available upon request.
Special version for Big Bags, based on the KAUP Bale Clamp, are also available.

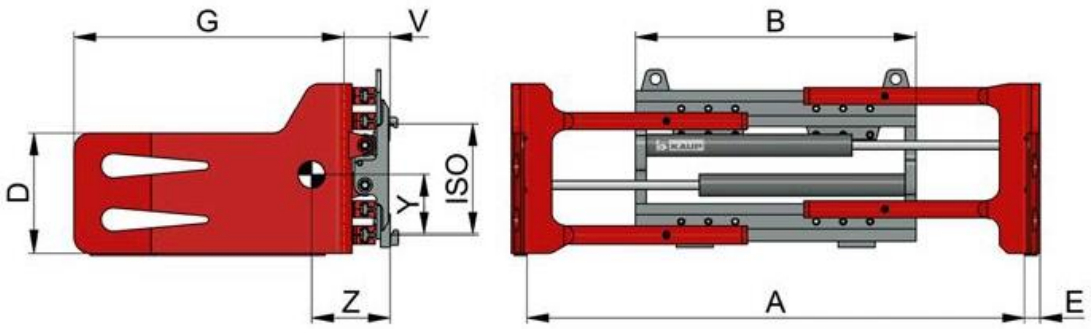


T413



T413B



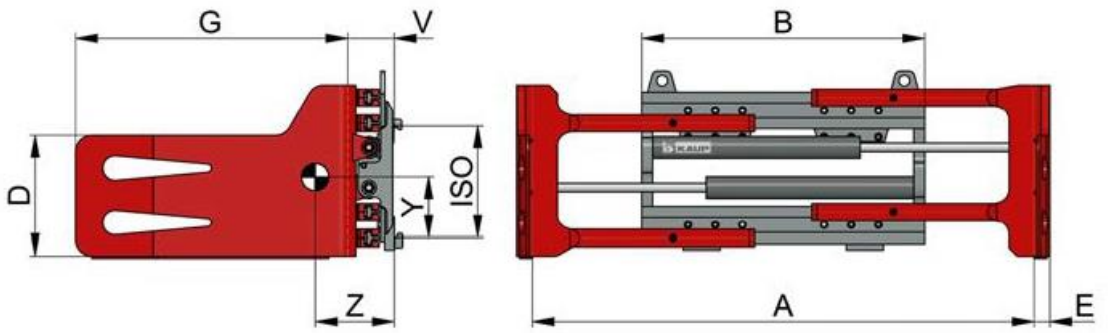


Bale Clamp, Pulp Bale Clamp T413

Model	Capacity kg	LCD mm	A mm	B mm	D mm	E mm	G mm	VS max mm	ISO cl.	V mm	CofG Z mm	CofG$_V$ Y mm	Weight kg
1,5 T413	1.400	500	495-1.675	970	440	37	800	±295	2	156	225	229	352
			495-1.675				1.000				288	221	388
			495-1.675				1.200				359	220	433
1,5 T413	1.400	500	425-1.605	1.040	440	37	800	±295	2	156	224	228	356
			425-1.605				1.000				286	220	392
			425-1.605				1.200				356	219	437
1,5 T413	1.400	500	495-1.745	1.040	440	37	800	±312,5	2	156	223	228	357
			495-1.745				1.000				285	220	393
			495-1.745				1.200				355	219	438
1,5 T413	1.400	500	480-1.880	1.200	440	37	800	±350	2	156	218	228	368
			480-1.880				1.000				280	220	404
			480-1.880				1.200				348	219	449
2T 413	2.100	500	575-1.875	1.040	440	42	1.000	±325	2/3	171	288	220	458
			575-1.875				1.200				359	222	516
2T 413	2.100	500	485-1.785	1.130	440	42	1.000	±325	2/3	171	286	221	463
			485-1.785				1.200				356	222	521
2T 413	2.100	500	485-1.985	1.330	440	42	1.000	±375	2/3	171	279	222	477
			485-1.985				1.200				349	223	536
2T 413	2.100	500	595-2.395	1.520	440	42	1.000	±450	2/3	171	263	225	516
			595-2.395				1.200				329	226	574
3T 413	2.500	500	575-1.975	1.130	470	47	1.000	±350	2/3	175	282	235	545
			575-1.975				1.200				349	228	598
	1.560	800	575-1.975				1.600				487	222	690
3T 413	2.500	500	605-2.235	1.330	470	47	1.000	±407,5	2/3	175	275	236	564
			605-2.235				1.200				341	229	618
	1.560	800	605-2.235				1.600				476	223	709
3T 413	2.500	500	645-2.445	1.460	470	47	1.000	±450	2/3	175	266	237	593
			645-2.445				1.200				329	231	647
	1.560	800	645-2.445				1.600				462	224	737
4T 413	3.000	500	575-1.975	1.130	470	47	1.200	±350	3	185	332	279	697
	2.140	700	575-1.975				1.400				399	274	761
	1.880	800	575-1.975				1.600				457	267	789
4T 413	3.000	500	475-1.975	1.330	470	47	1.200	±375	3	185	325	280	715
	2.140	700	475-1.975				1.400				392	275	779
	1.880	800	475-1.975				1.600				449	268	808
4T 413	3.000	500	605-2.235	1.330	470	47	1.200	±407,5	3	185	324	280	718
	2.140	700	605-2.235				1.400				391	275	782
	1.880	800	605-2.235				1.600				448	268	810
4T 413	3.000	500	635-2.435	1.460	470	47	1.200	±450	3	185	317	281	743
	2.140	700	635-2.435				1.400				382	276	807
	1.880	800	635-2.435				1.600				437	270	834







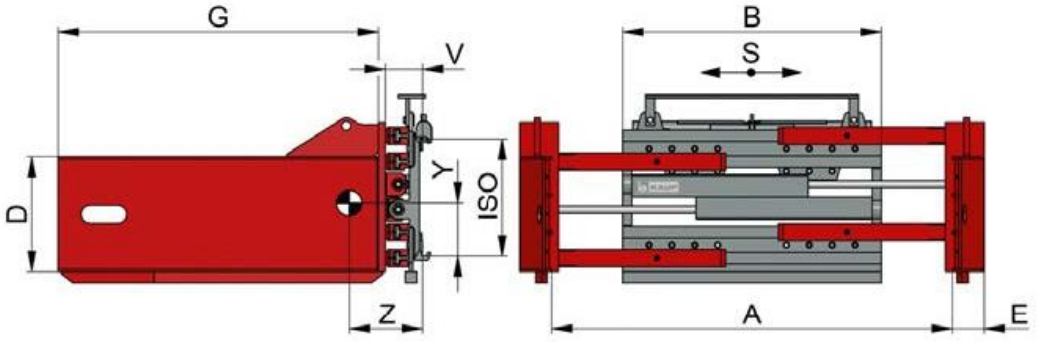
Bale Clamp, Pulp Bale Clamp T413

Model	Capacity kg	LCD mm	A mm	B mm	D mm	E mm	G mm	VS max mm	ISO cl.	V mm	CofG Z mm	CofG$_v$ Y mm	Weight kg
4,5T 413	3.200	600	595-1.995	1.200	470	52	1.200	±350	3	216	323	241	816
	2.740	700	595-1.995				1.400				388	236	877
	2.400	800	595-1.995				1.600				443	235	933
4,5T 413	3.200	600	465-1.865	1.330	470	52	1.200	±350	3	216	319	240	828
	2.740	700	465-1.865				1.400				384	235	889
	2.400	800	465-1.865				1.600				439	235	945
4,5T 413	3.200	600	695-2.325	1.330	470	52	1.200	±407,5	3	216	311	241	865
	2.740	700	695-2.325				1.400				373	236	926
	2.400	800	695-2.325				1.600				427	236	982
4,5T 413	3.200	600	565-2.195	1.460	470	52	1.200	±407,5	3	216	314	240	848
	2.740	700	565-2.195				1.400				377	235	909
	2.400	800	565-2.195				1.600				432	234	964
4,5T 413	3.200	600	765-2.595	1.460	470	52	1.200	±457,5	3	216	307	241	884
	2.740	700	765-2.595				1.400				368	236	945
	2.400	800	765-2.595				1.600				421	235	1.001
4,8T 413	2.630	800	695-2.325	1.330	470	52	1.600	±407,5	3	211	421	277	1.002
	2.330	900	695-2.325				1.800				491	275	1.082
4,8T 413	2.630	800	565-2.195	1.460	470	52	1.600	±407,5	3	211	425	277	985
	2.330	900	565-2.195				1.800				496	274	1.065
5T 413	2.900	800	545-2.175	1.550	470	52	1.600	±407,5	4	211	419	269	1.066
	2.600	900	545-2.175				1.800				484	261	1.133
5T 413	2.900	800	545-2.445	1.820	470	52	1.600	±475	4	211	409	270	1.101
	2.600	900	545-2.445				1.800				472	263	1.169
5,5T 413B	3.300	800	625-2.525	1.740	470	47	1.600	±475	4	249	370	291	1.320
	2.200	1.000	625-2.525				1.800				420	281	1.360
6T 413B	4.000	800	685-2.585	1.740	470	57	1.600	±475	4	259	399	284	1.453
	3.300	1.000	685-2.585				1.800				464	281	1.545
6T 413B	4.000	800	565-2.465	1.860	470	57	1.600	±475	4	259	394	285	1.474
	3.300	1.000	565-2.465				1.800				459	282	1.566
6T 413B	4.000	800	595-2.695	2.030	470	57	1.600	±525	4	259	387	286	1.511
	3.300	1.000	595-2.695				1.800				451	284	1.602
6,5T 413B	6.000	800	685-2.585	1.740	470	57	1.600	±475	4	269	392	286	1.510
	4.000	1.000	685-2.585				1.800				458	282	1.561
6,5T 413B	6.000	800	565-2.465	1.860	470	57	1.600	±475	4	269	388	286	1.531
	4.000	1.000	565-2.465				1.800				453	282	1.582
6,5T 413B	6.000	800	595-2.695	2.030	470	57	1.600	±525	4	269	380	288	1.571
	4.000	1.000	595-2.695				1.800				445	284	1.619
6,5T 413B	6.000	800	725-3.125	2.200	470	57	1.600	±600	4	269	373	290	1.616
	4.000	1.000	725-3.125				1.800				437	285	1.659
8T 413B	6.500	1.000	700-3.100	2.200	560	82	1.700	±600	4	340	481	337	2.858
	6.500	1.000	700-3.100				2.000				577	329	3.043

Preferential range

Also available without sideshift, model T403.
Also available with 1 arm oscillating, model T413B-1. Bale Clamps with higher capacities available upon request. Variations in width, opening ranges and arm dimensions available upon request. Special version for Big Bags, based on the KAUP Bale Clamp, are also available.



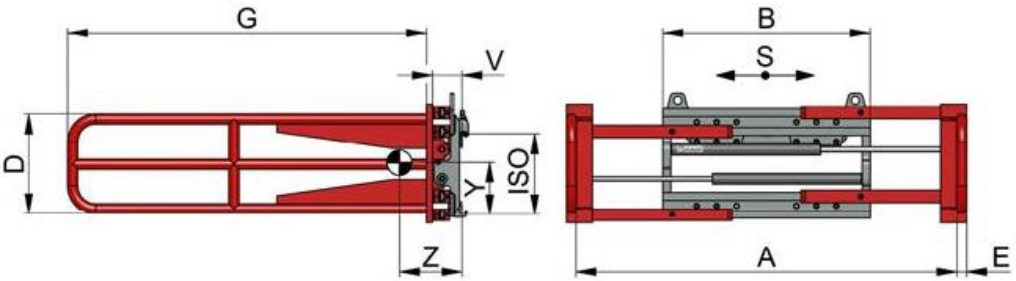


Recycling Bale Clamp T413RC

Model	Capacity kg	LCD mm	S mm	A mm	B mm	D mm	E mm	G mm	ISO cl.	V mm	CofG Z mm	CofG$_v$ Y mm	Weight kg
2T 413RC	2.100	500	± 100	575-1.875	1.040	440	42	1.000	2/3	143	280	210	573
								1.200			346	212	628
2T 413RC	2.100	500	± 100	485-1.785	1.130	440	42	1.000	2/3	143	277	209	580
								1.200			343	211	635
2T 413RC	2.100	500	± 100	595-2.395	1.520	440	42	1.000	2/3	143	258	214	641
								1.200			319	215	696
3T 413RC	1.790	700	± 100	465-1.765	1.130	500	130	1.400	2/3	153	371	221	811
	1.560	800						1.600			422	217	847
3T 413RC	1.790	700	± 100	605-2.235	1.330	500	130	1.400	2/3	153	361	221	840
	1.560	800						1.600			410	217	875
4T 413RC	2.140	700	± 100	565-1.965	1.130	500	130	1.400	3	163	370	257	919
	1.880	800						1.600			419	252	955
4T 413RC	2.140	700	± 100	595-2.225	1.330	500	130	1.400	3	163	354	260	975
	1.880	800						1.600			401	255	1.011
4,5T 413RC	2.400	800	± 100	550-1.950	1.200	500	130	1.600	3	188	391	220	1.025
	1.920	1.000						2.000			489	214	1.095
4,5T 413RC	2.400	800	± 100	650-2.280	1.330	500	130	1.600	3	188	383	220	1.051
	1.920	1.000						2.000			479	214	1.122
4,5T 413RC	2.400	800	± 100	590-2.290	1.460	500	130	1.600	3	188	377	220	1.072
	1.920	1.000						2.000			471	214	1.142
4,5T 413RC	2.400	800	± 100	630-2.460	1.550	500	130	1.600	3	188	372	220	1.092
	1.920	1.000						2.000			465	214	1.162

Also available without sideshift, model T403RC.

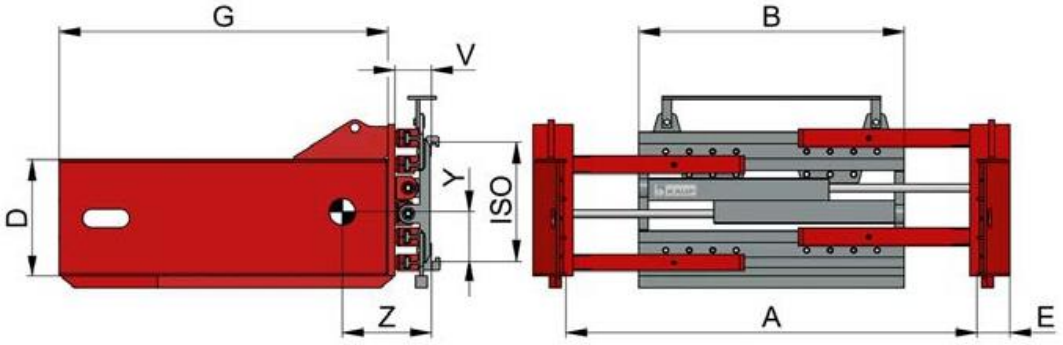




Foam Rubber Clamp T413R

Model	Capacity kg	LCD mm	S mm	A mm	B mm	D mm	E mm	G mm	ISO cl.	V mm	CofG Z mm	CofG$_v$ Y mm	Weight kg
1,5T 413R	500	1.000	± 100	760-2.260	1.130	500	50	1.500	2	133	266	263	348
				840-2.460	1.330	500	50	1.500	2	133	259	262	362
				840-2.460	1.330	500	50	1.800	2	133	304	262	372
2T 413R	800	1.000	± 100	600-1.900	1.040	500	50	1.800	2	143	313	263	377
				600-2.450	1.600	500	50	1.800	2	143	279	263	438

Also available without sideshift, model T403R.
Variations in width, opening ranges and arm dimensions available upon request.





Recycling Bale Clamp T413RC

Model	Capacity kg	LCD mm	A mm	B mm	D mm	E mm	G mm	VS max mm	ISO cl.	V mm	CofG Z mm	CofG$_V$ Y mm	Weight kg
2T413RC	2.100	500	575-1.875	1.040	440	42	1.000	±325	2/3	136	277	216	566
							1.200				344	218	620
2T413RC	2.100	500	485-1.785	1.130	440	42	1.000	±325	2/3	136	274	215	573
							1.200				340	217	628
2T413RC	2.100	500	595-2.395	1.520	440	42	1.000	±450	2/3	136	255	220	634
							1.200				316	221	689
3T413RC	1.790	700	465-1.765	1.130	500	130	1.400	±325	2/3	145	379	227	778
	1.560	800					1.600				432	223	804
3T413RC	1.790	700	605-2.235	1.330	500	130	1.400	±407,5	2/3	145	368	227	807
	1.560	800					1.600				419	223	843
4T413RC	2.140	700	565-1.965	1.130	500	130	1.400	±350	3	155	348	251	876
	1.880	800					1.600				395	246	912
4T413RC	2.140	700	595-2.225	1.330	500	130	1.400	±407,5	3	155	333	254	931
	1.880	800					1.600				377	249	967
4,5T413RC	2.400	800	550-1.950	1.200	500	130	1.600	±350	3	181	410	226	1.006
	1.920	1.000					2.000				486	209	1.050
4,5T413RC	2.400	800	650-2.280	1.330	500	130	1.600	±407,5	3	181	401	226	1.032
	1.920	1.000					2.000				476	209	1.076
4,5T413RC	2.400	800	590-2.290	1.460	500	130	1.600	±425	3	181	395	225	1.054
	1.920	1.000					2.000				468	208	1.098
4,5T413RC	2.400	800	630-2.460	1.550	500	130	1.600	±457,5	3	181	389	225	1.073
	1.920	1.000					2.000				462	208	1.117
4,8T413BRC	3.300	800	585-2.085	1.330	500	130	1.600	±375	3	211	398	299	1.298
	2.200	1.000					2.000				495	280	1.385
5,5T413BRC	3.300	800	625-2.525	1.740	500	130	1.600	±475	4	211	375	290	1.412
	2.200	1.000					2.000				465	281	1.499
6T413BRC	4.000	800	685-2.585	1.740	600	160	1.600	±475	4	211	383	291	1.433
	3.300	1.000					2.000				479	282	1.521
6T413BRC	4.000	800	565-2.465	1.860	600	160	1.600	±475	4	211	378	292	1.455
	3.300	1.000					2.000				474	283	1.543
6T413BRC	4.000	800	595-2.695	2.030	600	160	1.600	±525	4	211	371	293	1.493
	3.300	1.000					2.000				465	284	1.581
6,5T413BRC	6.000	800	685-2.585	1.740	600	160	1.600	±475	4	221	374	293	1.509
	4.000	1.000					2.000				477	284	1.576
6,5T413BRC	6.000	800	565-2.465	1.860	600	160	1.600	±475	4	221	370	293	1.531
	4.000	1.000					2.000				472	284	1.598
6,5T413BRC	6.000	800	595-2.695	2.030	600	160	1.600	±525	4	221	363	295	1.572
	4.000	1.000					2.000				463	286	1.639
8T413BRC	8.000	800	585-2.985	2.200	600	160	1.600	±600	4	258	339	348	2.294
	6.500	1.000					2.000				423	339	2.418

Also available without sideshift, model T403RC.


T413R


T413RC


T413BRC