

Data sheet

Elevator.

LBEB

Grain Quality &
Supply

Conveyors



Technical data

Type	Throughput [t/h]					Buckets per meter / bucket rows	motor max. [kW]	Max. height [m]	Bucket filling level
	2,0 m/s	2,4 m/s	2,8 m/s	3,1 m/s	3,3 m/s				
360/170	37	44	50	/	/	10 / 1	7,5	45	1,05 * H ₂ O
630/170	37	44	50	57	60		15	70	
400/225	67	80	90	100	/	8,5 / 1	15	55	
630/225	67	80	90	100	110		22	70	
500/280	100	120	140	150	/	7,4 / 1	22	55	
800/280	100	120	140	150	166		37	70	
500/315	120	145	170	190	200	7,4 / 1	30	55	
800/315	120	145	170	190	200		45	70	
630/400	180	225	260	290	300	5,88 / 1	45	55	
1000/400	180	225	260	290	300		75	70	
630/550	280	305	355	395	420	5,88 / 1	75	45	
1000/550	280	305	355	395	420		132	70	

The specified values refer to grain with bulk density $\gamma = 0.75 \text{ t/m}^3$ and products with similar flow characteristics for vertical transport.

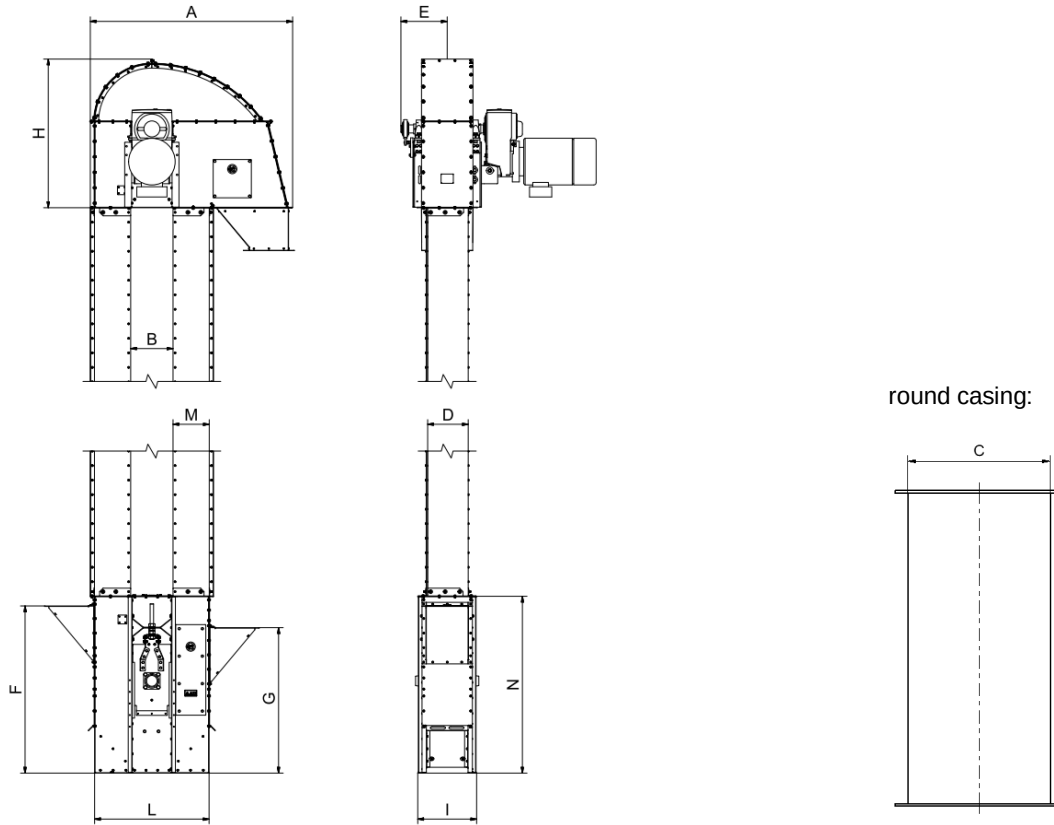
The effectively possible values depend always on application, interpretation and transportation tasks.

Maximum heights limited by design, achievable conveying height varies depending on belt speed, bulk density, etc.

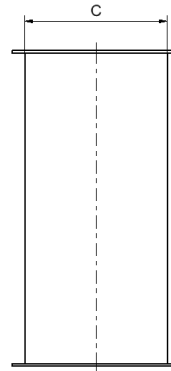
Type	Belt		Belt pulley	
	Width [mm]	Strength [N/mm]	Diameter [mm]	Width [mm]
360/170	150	400	360	170
630/170	150	400 / 800	630	170
400/225	200	400 / 630	500	225
630/225	200	630 / 800	630	225
500/280	250	400 / 630	500	280
800/280	250	630 / 1000	800	280
500/315	300	400 / 630	500	315
800/315	300	630 / 1000	800	315
630/400	370	630 / 800	630	400
1000/400	370	800 / 1000	1000	400
630/550	500	630 / 1000	630	550
1000/550	500	1000 / 1600	1000	550

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round casing:



Type	Dimensions [mm]*											
	A	B	C	D	E	F	G	H	I	L	M	N
360/170	1253	222	Ø 312	302	316	1055	908	968	342	806	298	1171
630/170	1521	492	Ø 312	302	381	1228	1053	1269	364	1018	298	1344
400/225	1463	262	Ø 352	356	357	1188	1027	1093	412	896	323	1291
630/225	1695	492	Ø 352	356	427	1406	1208	1346	430	1060	323	1509
500/280	1750	362	Ø 447	435	454	1391	1204	1280	508	1063	352	1474
800/280	2054	662	Ø 447	435	510	1572	1359	1613	532	1288	352	1655
500/315	1806	372	Ø 497	470	517	1434	1247	1280	543	1063	352	1577
800/315	2114	672	Ø 497	470	555	1612	1397	1613	547	1298	352	1755
630/400	2293	452	Ø 556	581	578	1830	1586	1630	655	1260	453	1989
1000/400	2662	822	Ø 556	581	661	2072	1780	2036	685	1630	453	2186
630/550	2406	454	Ø 710	656	745	1985	1753	1735	850	1260	451	2099
1000/550	2828	824	Ø 710	656	875	2255	2029	2095	850	1630	451	2456

* The values specified are not binding; subject to technical modifications without notice. If installation space is restricted, recheck the dimensions of the conveyor when order is awarded.

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