

Conveying capacity*:

BE 130: 20 - 35 t/h
BE 180: 40 - 65 t/h
BE 280: 70 - 100 t/h

*) other conveying capacities due to customer requests

PETKUS Bucket Elevators are used for the vertical transport of bulk material in the industry and agriculture, like cereals, oil seeds, pulses, as well as for the transport of products in powder form. The optimal conveying capacity depends on the conveying speed, the number of buckets and the size of the buckets.

Recommended conveying velocity:

- Fine seeds up to 2,0 m/s
- Grain seeds up to 2,7 m/s
- Grain and other bulk materials up to 3,2 m/s.

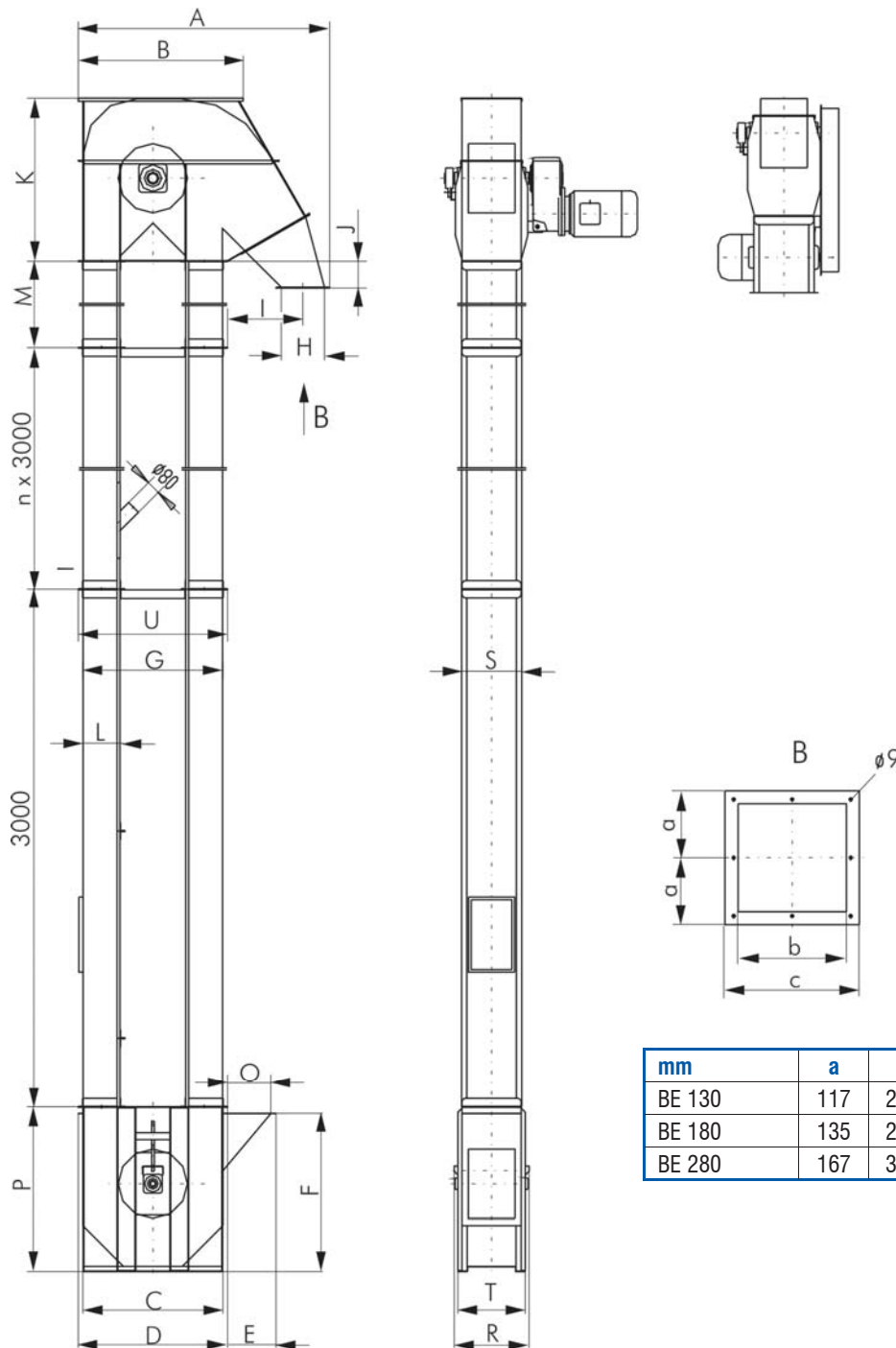
Standard equipment:

- Material
Depending on the elevator type head and food are designed in 3 or 4 mm, the elevator casings, in 1,5 or 2 mm galvanized sheet steel.
- Elevator head
With cast belt disk, wear-resistant plastic plate, outlet, driven by a shaft mounted gear motor, back-run safety device positioned opposite to the driving motor.
- Elevator foot
With wear-resistant plastic plate, tensioning device, one-sided inlet, two slides for emptying and cleaning.
- Elevator casings
Standard casing 2,0 m length, fitment casings 1,0 m, 0,5 m length, case for assembly and maintenance, incl. conveying belt with high capacity bucket system.

Additional equipment and options:

- Special equipment for the transportation of seeds,
- Overspeed monitor,
- Off-track running control,
- Slide for regulating the capacity,
- Various inlets and outlets, inlet hopper,
- Painted execution,
- Aspiration connection,
- Anti-dust-explosion hatches,
- Service platform,
- Plastic buckets,
- Cover for roof opening,
- Chain drive or drive with elastic clutch.

Bucket Elevator Type BE 130 / BE 180 / BE 280



mm	a	b	c
BE 130	117	200	265
BE 180	135	250	315
BE 280	167	300	365

Type	A	B	C	D	E	F	G	H	I	J	K	L	O
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
BE 130	1175	777	660	714	250	763	658	200	325	105	747	188	220x208
BE 180	1455	955	810	854	280	913	807	250	435	155	943	213	250x283
BE 280	1645	1052	952	1004	310	1044	948	300	450	150	1122	234	280x356

	Diameter belt disc, mm	P	R	S	T	U
BE 130	300	800	348	273	314	714
BE 180	400	950	433	348	389	804
BE 280	500	1080	508	422	484	948

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