

Hopper system VNB

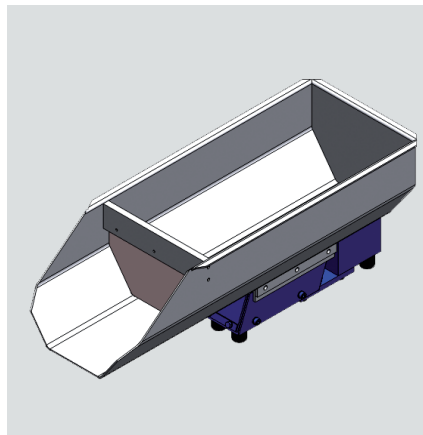
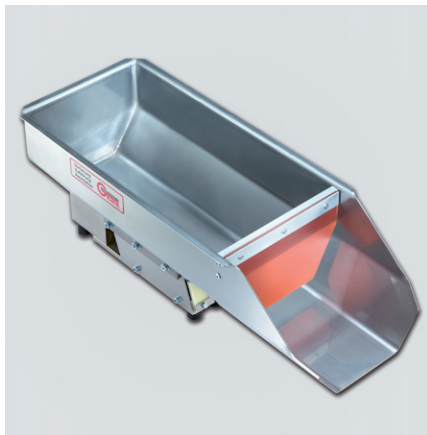
Characteristics

Based on its oscillating conveyor drive, the hopper of type VNB is also referred to as a vibration hopper. It decisively prolongs the auto-



nomous runtime of feeding systems and also reduces their susceptibility to failure based on the low filling volume. The smooth, easy-to-clean

hopper chute made of V2A stainless steel prevents parts from getting jammed.

Structure



Color scheme of the individual components:

-  Linear conveyor
-  Hopper chute

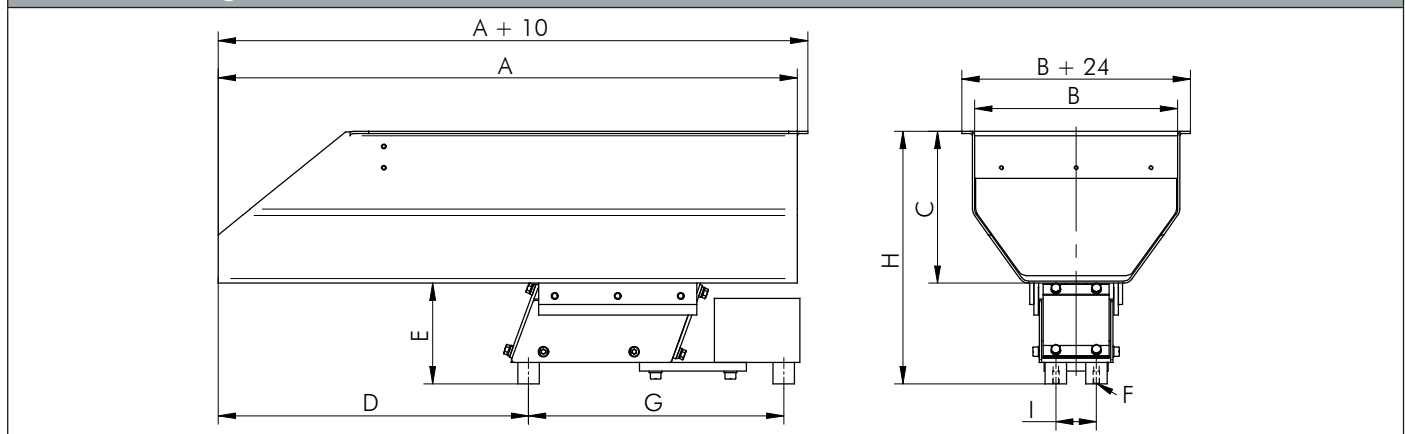
Technical data

Device type	VNB2.5	VNB5	VNB10	VNB15	VNB25	VNB50
Drive	LF10	LF20	LF20	LF30	LF40	LFL850
max. current consumption [A]	0.16	0.37	0.37	0.5	1.13	2.26
Rated power [VA]	37	315	315	115	260	520
Oscillation frequency [Hz]	50	50	50	25	25	25
max. filling volume [l]	2.5	5	10	15	25	50
max. filling weight [kg]	2.5	6	10	25	30	50
Protection class in accordance with DIN EN 60529	IP 52	IP 54	IP 54	IP 54	IP 54	IP 54
Article no.	1-000140	1-000141	1-000142	1-000143	1-000144	1-001009

Dimensions

Device type	Dimensions [mm]								
	A	B	C	D	E	F	G	H	J
VNB2.5	380	145	95	193.5	70	4 x M4	177	174	32
VNB5	430	160	110	176	100	4 x M6	239	208	38
VNB10	542	190	142	290.5	100	4 x M6	239	236	38
VNB15	670	221	160	300.5	130	4 x M8	330	290	48
VNB25	700	296	220	348	144	4 x M8	265	265	64
VNB50	998	496	300	300	195	4 x M8	590	495	120

Technical drawing



Accessories

Designation	Description	Article no.
Control unit FAR-1	230 V/ 50 Hz, for linear and bowl feeders, phase-controllable	2-008185
Pendulum switch PS1	Pendulum switch PS1 for automated filling level control of bulk material in the sorting device, compact design, optical status display via LED, inductive switch without wear	2-002099
Stand for VNB	Height-adjustable stand with screw-on plate	–
Fastening stand, control unit	–	–
Sensor link SV1	Sensor link hopper oscillating conveyor, series connection of enable output ERZ1 and pendulum switch possible	2-002666
Coating	Plastic	–