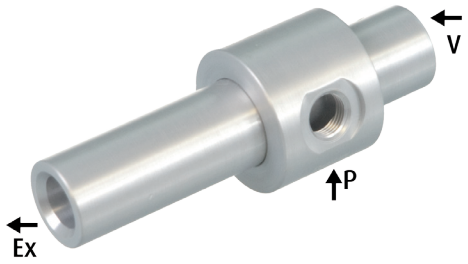
Feed ejectors – with a large passage



Product notes

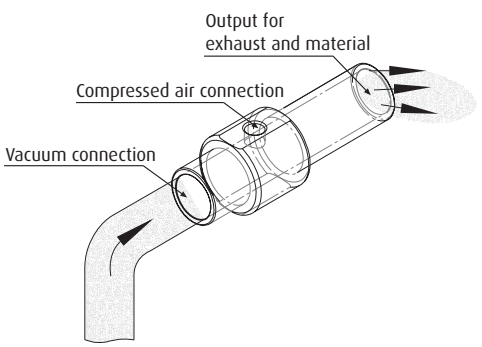
> Very high suction power for high transportation throughput
> Gentle transportation of powdery substances or small-size products such as granular material, pills, chippings
> Extraction of non-aggressive vapors and gases
> Can even be used in rough conditions thanks to the robust, maintenance-free construction
> No build-up of heat because of no moving parts and therefore no risk of ignition during transport
> Extremely flexible integration into gripper systems thanks to any mounting position
> 65.752: Connections for vacuum and outlet on both sides using G3/8 female thread (see drawing)

Notes
> The transport length depends on the feed pressure, the transport volume and the transport goods
> Rule of thumb:
- Tubing length from suction point to ejector ~ 2/3 of the total tubing length
- Tubing length from ejector to point of use ~ 1/3 of the total tubing length
> Prior to installation a test at customer site is recommended
> For longer distances, multiple ejectors can be serially connected

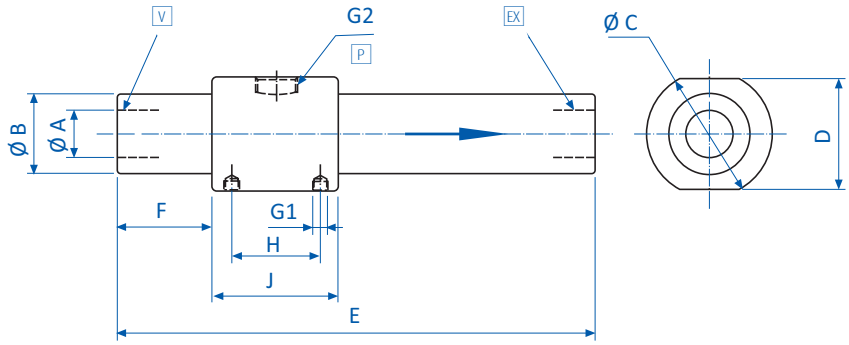
Technical data

Item no.	Nozzle diameter [mm]	Material	Pressure range [bar (psi)]	Max. operating pressure [bar (psi)]	Final vacuum [mbar (inHg)]	Suction power at 5.5 bar (79.8 psi) [Nl/min]	Air consumption at 5.5 bar (79.8 psi) [Nl/min]	Operating temperature [°C (°F)]	Weight [g]	Suitable silencers
65.742	7	Aluminum anodized	2.5 - 6 (36.3 - 87)	7 (101.5)	260 (7.7)	295	160	-10 - 80 (14 - 176)	92	--
65.752	10	Aluminum anodized	2.5 - 6 (36.3 - 87)	7 (101.5)	160 (4.7)	425	170	-10 - 80 (14 - 176)	81	72.030
65.762	13	Aluminum anodized	2.5 - 6 (36.3 - 87)	7 (101.5)	350 (10.3)	870	680	-10 - 80 (14 - 176)	177	--
65.772	19	Aluminum anodized	2.5 - 6 (36.3 - 87)	7 (101.5)	280 (8.3)	1,825	1,365	-10 - 80 (14 - 176)	380	--
65.792	25	Aluminum anodized	2.5 - 6 (36.3 - 87)	7 (101.5)	90 (2.7)	4,400	695	-10 - 80 (14 - 176)	607	--
65.802	38	Aluminum anodized	2.5 - 6 (36.3 - 87)	7 (101.5)	90 (2.7)	5,610	1,356	-10 - 80 (14 - 176)	777	--

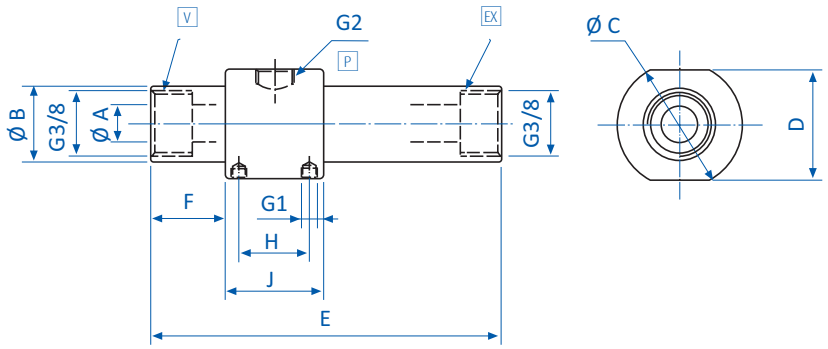
Functional principle



Dimensions



65.742 | 65.762 | 65.772 | 65.792 | 65.802



65.752

V = Vacuum connection P = Compressed air connection EX = Exhaust outlet (R)

Item no.	G1	G2	Ø A [mm]	Ø B [mm]	Ø C [mm]	D [mm]	E [mm]	F [mm]	H [mm]	J [mm]
65.742	M4	G1/8	6.5	18.5	32	30	89	19	18	25
65.752	M4	G1/8	9.5	18.5	32	30	89	19	18	25
65.762	M4	G1/4	12.5	24	38	34	140	25.5	23	32
65.772	M4	G3/8	19	32	50	45	190	38	35	50
65.792	M4	G3/8	25	38	59	55	198	40	40	56
65.802	M4	G3/8	38	49.6	69	65	205	40	42	60