

The F-series Linear Piston Vibrators by OLI® are particularly suitable for conveying, compacting and detaching of bulk solids due to perfectly linear vibrations. They reach optimum results in emptying of bins or as drives for vibrating conveyors or feeders.

OLI® Druckluftkolbenvibratoren der F-Baureihe sind aufgrund des vollkommen linearen Schwingverhaltens zum Fördern, Verdichten und Lockern von Schüttgütern besonders geeignet. Zur Bunkerentleerung oder als Antriebe für Förder- und Abzugsrinnen eingesetzt, werden optimale Ergebnisse erzielt.

Grâce à son mouvement oscillant parfaitement linéaire la gamme de vibreurs à piston pneumatique externe F est particulièrement adaptée pour le transport, le compactage et la fluidification de matériaux en poudre et granulés. Elle donne des résultats optimaux comme système de dévoutage ou comme motorisation pour des gaines vibrantes de transport et d'extraction.

Grazie al suo movimento oscillante perfettamente lineare la gamma di vibratori a pistoni pneumatici esterni F è particolarmente adatta per il convogliamento, la compattazione e la fluidificazione di materiali in polvere e granuli. Dà ottimi risultati come aiuto alla discesa dei materiali dai silo oppure come motorizzazione per canale vibranti di trasporto e di estrazione.

Technical Data - Technische Daten - Données techniques - Dati tecnici

TYPE	2 bar								4 bar								6 bar													
	Vibration		Force		Working Moment		Air Consump.		Vibration		Force		Working Moment		Air Consump.		Vibration		Force		Working Moment		Air Consump.							
	V/min	kg	lb	kgcm	in lb	l/min	Cfm	V/min	kg	lb	kgcm	in lb	l/min	cfm	V/min	kg	lb	kgcm	in lb	l/min	cfm	V/min	kg	lb	kgcm	in lb	l/min	cfm		
F8	2020	1.0	2.25	0.04	0.04	7	0.2	2950	2.3	5.17	0.04	0.04	19	0.7	3600	3.5	7.64	0.04	0.04	28	1.0									
F15	2280	4.9	10.8	0.16	0.15	20	0.7	2520	8.0	17.5	0.22	0.19	38	1.3	2820	10	22	0.22	0.19	67	2.4									
F15P	1920	4.4	9.7	0.21	0.18	20	0.7	2160	7.4	16.4	0.29	0.25	42	1.5	2340	8.8	19.3	0.29	0.25	80	2.8									
F18Q	2070	8.1	17.8	0.34	0.29	29	1.0	2520	12.0	26.4	0.36	0.31	55	1.9	3300	21.7	47.8	0.36	0.31	100	3.5									
F25	1860	9.0	19.8	0.46	0.40	32	1.1	2040	12.9	28.5	0.56	0.48	60	2.1	2220	15.4	33.9	0.56	0.48	105	3.7									
F40	1380	20.9	46.1	1.96	1.70	80	2.8	1560	33.8	74.6	2.49	2.15	190	6.7	1740	42.1	92.8	2.49	2.15	320	11.2									
F85	1680	100.2	221	6.36	5.50	240	8.4	1980	162.4	358	7.42	6.42	390	13.7	2280	215.4	475	7.42	6.42	580	20.4									

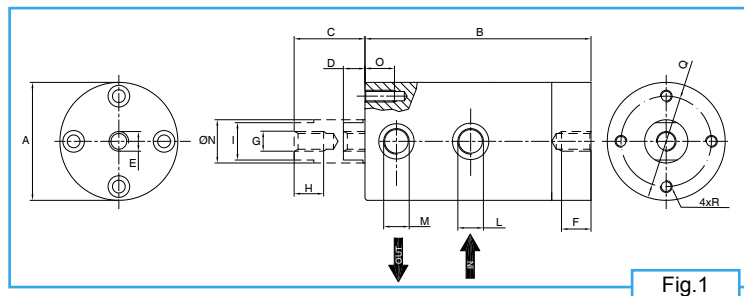


Fig.1

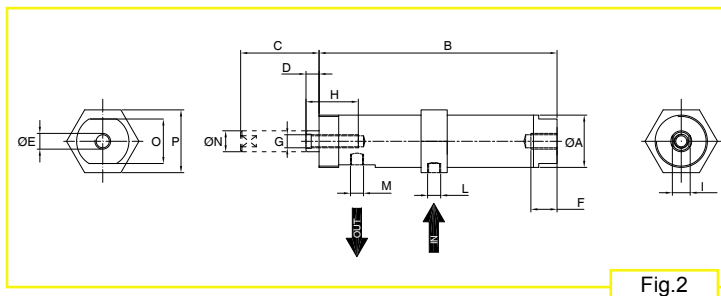


Fig.2

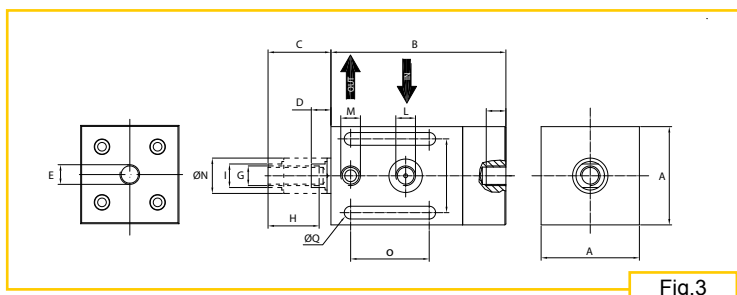


Fig.3

Overall Dimensions - Einbaumaße - Encombrement - Ingombri

TYPE	FIG.	A		B		C		D		E		F		G		H		I		L		M		ø N		O		P		ø Q		R		Weight	
		mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	kg	lb		
F8	2	20	0.79	91	3.58	30	1.18	5	0.20	M6	10	0.39	M5	20	0.79	7	0.28	M5	M5	8	0.32	17	0.67	24	0.94	/	/	/	/	/	/	0.09	0.21		
F15	1	50	1.97	115	4.53	41	1.61	7	0.28	M10	15	0.59	M10	15	0.59	13	0.51	1/8"	1/8"	15	0.59	12	0.47	/	/	/	/	36	1.42	M6	1.5	3.31			
F15P	1	50	1.97	115	4.53	39	1.54	9	0.35	M10	15	0.59	M10	22	0.87	13	0.51	1/8"	1/8"	16	0.63	/	/	/	/	/	/	/	/	/	0.5	1.10			
F18Q	3	50	1.97	89	3.50	32	1.26	10	0.39	M10	10	0.39	M10	26	1.02	12	0.47	1/8"	1/8"	18	0.71	40	1.57	37.5	1.48	6.5	0.26	/	/	0.6	1.32				
F25	1	60	2.36	115	4.53	45	1.77	10	0.39	M10	15	0.59	M10	15	0.59	19	0.75	1/4"	1/4"	22	0.87	15	0.59	/	/	46	1.81	M6	2.3	5.07					
F40	1	85	3.35	140	5.51	57	2.24	13	0.51	M16	17	0.67	M16	20	0.79	36	1.42	1/4"	3/8"	40	1.57	20	0.79	/	/	65	2.56	M8	5.7	12.57					
F85	1	160	6.30	122	4.80	52	2.05	22	0.87	M20	30	1.18	M20	30	1.18	/	/	3/8"	2x3/8"	85	3.35	/	/	/	/	/	/	/	/	16.5	36.38				

Features & Benefits - Technische Merkmale und Vorteile - Caractéristiques techniques et avantages - Caratteristiche tecniche e vantaggi

- Standard temperature application: from -10° C (14° F) to 150° C (300° F)
- Standard application of F15P: from 0° C (32° F) to 100° C (210° F)
- Explosion-proof and maintenance-free
- Adjustable frequency and amplitude
- Wide oscillations
- Excellent start/stop characteristics
- Starts in any position
- Minimum sound emission
- Low air Consumption
- Standard-Einsatz: -10° C bis 150° C
- Standard-Einsatz von F15P: 0° C bis 100° C
- Ex-sicher und wartungsfrei
- Frequenz und Amplitude regelbar
- Große Schwingweiten
- Optimales Start/Stop-Verhalten
- Anlauf in jeder Position
- Minimale Lärmemission
- Geringer Luftverbrauch
- Standard: de -10° C à 200° C
- Standard F15 P: de 0° C à 100° C
- Anti-explosion
- Aucun entretien
- Fréquence et amplitude réglable
- Oscillations larges
- Caractéristiques exceptionnelles de départ / arrêt
- Départ de n'importe quelle position
- Bruyance et consommation d'air basses
- Standard: da -10° C a 200° C
- Standard F15 P: da 0° C a 100° C
- Anti-esplosione
- Nessuna manutenzione
- Frequenza ed ampiezza regolabile
- Oscillazioni larghe
- Eccezionali caratteristiche di partenza / stop
- Partenza da qualunque posizione
- Rumorosità e consumi d'aria bassi