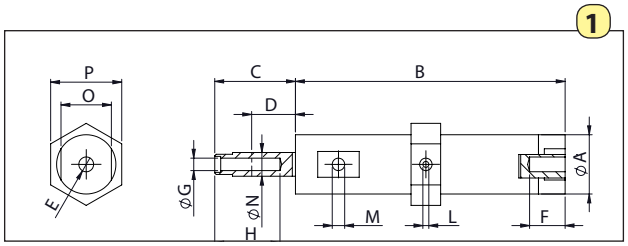
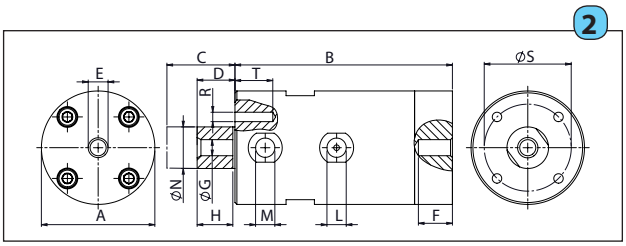
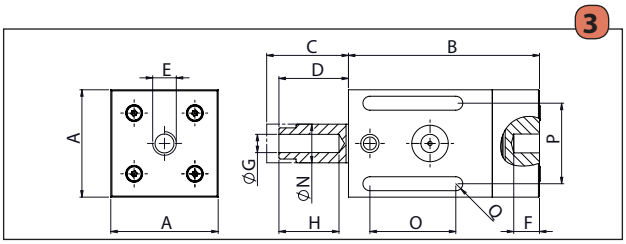
F Series - Adjustable Cushioned Piston Vibrator

TECHNICAL DATA SHEET

Overall dimension																																	
Type	Draw.	A		B		C		D		E	F		G	H		I		L	M	N		O		P		Q		R	S		T		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	Kg	lb
F8	1	20	0,79	91	3,58	30	1,18	5	0,2	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	2	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	18	0,70	36	1,41	1,5	3,31
F15P	2	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	/	/	/	/	/	/	M6	12	0,47	36	1,41	0,5	1,1
F18	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	2	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	18	0,70	46	1,81	2,3	5,07
F40	2	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	M6	16	0,62	65	2,55	5,7	12,5
F85	2	160	6,3	122	4,8	52	2,05	22	0,87	M20	30	1,18	M20	30	1,18	/	/	3/8"	2x3/8"	85	3,35	/	/	/	/	/	/	M6	17	0,66	140	5,51	16,5	36,3







Features																							
Type	2 Bar							4 Bar							6 Bar								
	Vibration	Force		Dynamic Moment		Air Consump.		Vibration	Force		Dynamic Moment		Air Consump.		Vibration	Force		Dynamic Moment		Air Consump.			
	V/min	kg	lb	kg*cm	in*lb	l/min	Cfm	V/min	kg	lb	kg*cm	in*lb	l/min	cfm	V/min	kg	lb	kg*cm	in*lb	l/min	cfm		
F8	2020	1	2.25	0.04	0.04	7	0.2	2950	2.3	5.17	0.04	0.04	19	0.7	3600	3.5	7.6	0.04	0.04	28	1		
F15	2280	4.9	10.8	0.16	0.15	20	0.7	2520	8	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		
F18	2070	8.1	17.8	0.34	0.29	29	1	2520	12	26.4	0.36	0.31	55	1.9	3300	21.7	47.8	0.36	0.31	100	3.5		
F25	1860	9	19.8	0.46	0.4	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	1.7	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	5.5	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		

APPLICATION	VIBRATING FEEDER - TABLE AND CHANNEL
POWDER	HYGROSCOPIC - DUSTY AND GRANULAR
PROBLEM SOLVING	DETACHING AND COMPACTING
FEATURES	
DUTY CICLE	CONTINUOUS
WORKING PRESSURE	FROM 2 BAR TO 6 BAR (FROM 29 PSI TO 87 PSI)
PNEUMATIC CIRCUIT	FILTER+FLOW CONTROL VALVE+LUBRIFICATION+3/2 WAYS VALVE
AIR SUPPLY QUALITY	CLASS 5.4.4.
WORKING TEMPERATURE	FROM -20°C TO 200°C (FROM -4°F TO 392°F) | F15P - FROM -20°C TO 100°C (FROM -4°F TO 212°F)
MAX NOISE LEVEL	80dB(A)
TECHNOLOGY	PISTON PNEUMATIC CUSHIONED
ATEX	II 2D cT(x) / II 2G cT(x)
MATERIAL	GREY CAST IRON BODY(POWERD PAINTED)
	F15P : NYLON BODY AND ALUMINUM COVER
	F18 : ALUMINUM BODY (SQUARE SHAPE)