

Valve

2P

2V

2W

2W(Big)

2WB

2WBF

US(2L)

DG223

DG523

0927/0955

PU220

PU225

VX

QX

PT

Q243H

K23J3

K25J3

K25JH

K353H

K23JD

K25JD

K25JK

PV100

PV200

PV300

PV400

PV500

PV700

PV800

PV1527

PVN

MV100

MV200

NAA

GT

K

R

FAL

FP-M

NTP

SX



Features

1. Quiet and efficient
2. Lubrication-free possible (FAL)
3. Rated frequency 1130-3400 min-1
4. Force 12-2740 N
5. Continuously variable
6. FAL applicable up to 120°C, HT version up to 150°C and LT version down to -40°C on request VTL-155 up to 100°C, remaining VTLs up to 150°C
7. Resistant against extreme environmental conditions
8. Also available with ATEX certification

Application

1. For foodstuffs and pharmaceuticals
2. Driving conveyor and discharge chutes
3. Loosening or compacting of bulk solids
4. Activating of mechanical processes
5. Filling facilities
6. Bellows for ATEX or dusty environment as accessory

Structure

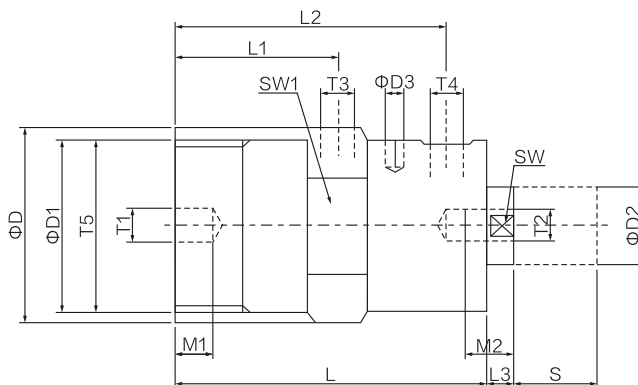
1. The vibration is generated by a freely oscillating, self-reversing piston.
2. The optimum power to weight ratio makes its employment in conveying impulses efficient.
3. FAL: Extra hard and non-corrosive surface through aluminium oxide-generated by titaniferous electrolyte.

Specifications

Model	Frequency V.P.M. × 1000			Centrifugal force measured					
	2 Bar 29 PSI	4 Bar 58 PSI	6 Bar 87 PSI	2 Bar N	29 PSI LBS	4 Bar N	58 PSI LBS	6 Bar N	87 PSI LBS
FAL-8	2.05	2.9	3.4	12	2.7	30	6.7	42	9.5
FAL-18	1.42	1.9	2.25	60	13.5	140	31.5	205	46.2
FAL-25	1.13	1.55	2.02	120	27.0	265	59.7	530	119.4
FAL-35	1.24	1.55	2.01	205	46.2	340	76.6	655	147.5

Model	Working moment						Air consumption / Minute					
	2 Bar Kg/cm	29 PSI Lbs/ft	4 Bar Kg/cm	58 PSI Lbs/ft	6 Bar Kg/cm	87 PSI Lbs/ft	2 Bar Ltr.	29 PSI CF	4 Bar Ltr.	58 PSI CF	6 Bar Ltr.	87 PSI CF
FAL-8	0.05	.0003	0.06	.0004	0.06	.0004	8	0.28	18	0.035	30	1.04
FAL-18	0.45	.0030	0.54	.0036	0.54	.0036	20	0.7	40	1.4	60	2.1
FAL-25	1.14	.0077	1.37	.0092	1.26	.0085	40	1.4	110	3.83	155	5.4
FAL-35	2.00	.0134	2.20	.0148	3.00	.0202	75	2.6	220	7.65	350	12.2

Dimensions



Model	L	L1	L2	L3	S	D	D1	D2	D3	T1	T2	T3	T4	T5	M1	M2	SW	SW1	Housing (kg)	Piston (kg)	Total (kg)
FAL-8	91	47.0	74.0	5	27	25	20	8	-	M6	M5	M5	M5	M20x1.5	10	15	7	14	0.051	0.036	0.100
FAL-18	117	64.5	99.5	8	38	53	48	18	-	M10	M10	1/8"	1/8"	-	13	22	14	50	0.450	0.245	0.730
FAL-25	139	75.0	121.0	8	42	69	60	25	-	M16	M16	1/4"	1/4"	-	14	23	22	65	0.780	0.560	1.410
FAL-35	140	73.0	122.0	12	43	88	78	35	8	M16	M16	1/4"	1/4"	-	14	25	27	-	1.130	1.410	2.560