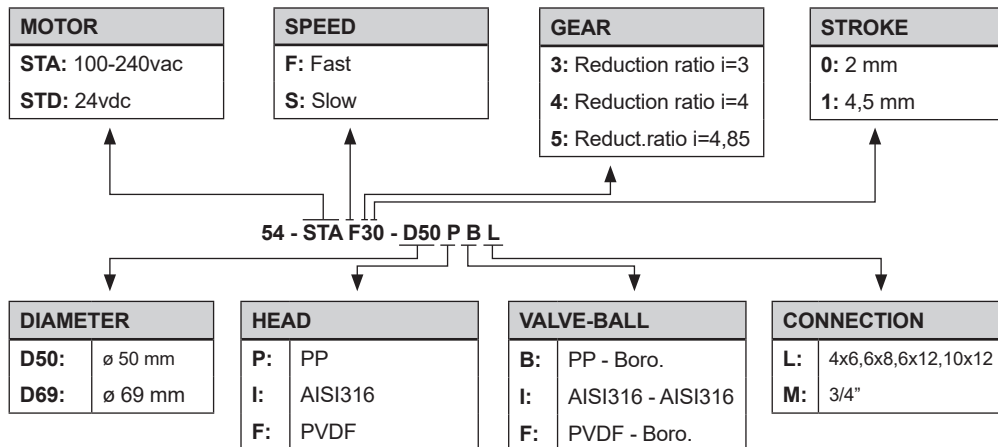


CODE FORMULATION



MATERIALS

Diaphragm	P.T.F.E, elastomer base reinforced with fiber
Retention	FPM
Head	P.P. / PVDF / SS 316
Valves (body)	P.P / PVDF / SS 316
Valves (ball)	borosilicate/AISI316

FLOW - PRESSURE

54-STA... / 54-STD...		S50-D50	F50-D50	F30-D50	F50-D69	F30-D69	F41-D69	F31-D69
Max Flow at P máx.	l/h gph	1.5 0.40	4 1.05	8 2.10	12 3.15	24 6.30	40 10.50	60 15.80
Max. Pressure	Bar psi	16 232	12 174	8 116	7 100	5 72	3 44	2 29
Strokes/min		50	95	150	85	164	113	164
Turndown ratio		1:1000	1:1000	1:1000	1:1000	1:1000	1:1000	1:1000
Max. suction lift during operation	m	6	6	6	5	5	5	3
Min. DN suction/discharge pipe	mm	4	4	6	6	10	10	10
Max. viscosity (standar valve and min. DN pipe)	mPa.s	100	10	200	100	200	200	100

TECHNICAL FEATURES

Power	32 W	Protection	IP-65
Voltage	100-250 vac / 22-30 vdc	Ambient temperature	0 ... 45 °C
Frequency	50/60 Hz	Media temperature	PP: 0 ... 50 °C PVDF: -10 ... 50 °C S.S.: -10 ... 60 °C
		Relative humidity max.	95% (without condensation)

OPERATION MODES

- Proportional pulse control
- Manual flow control

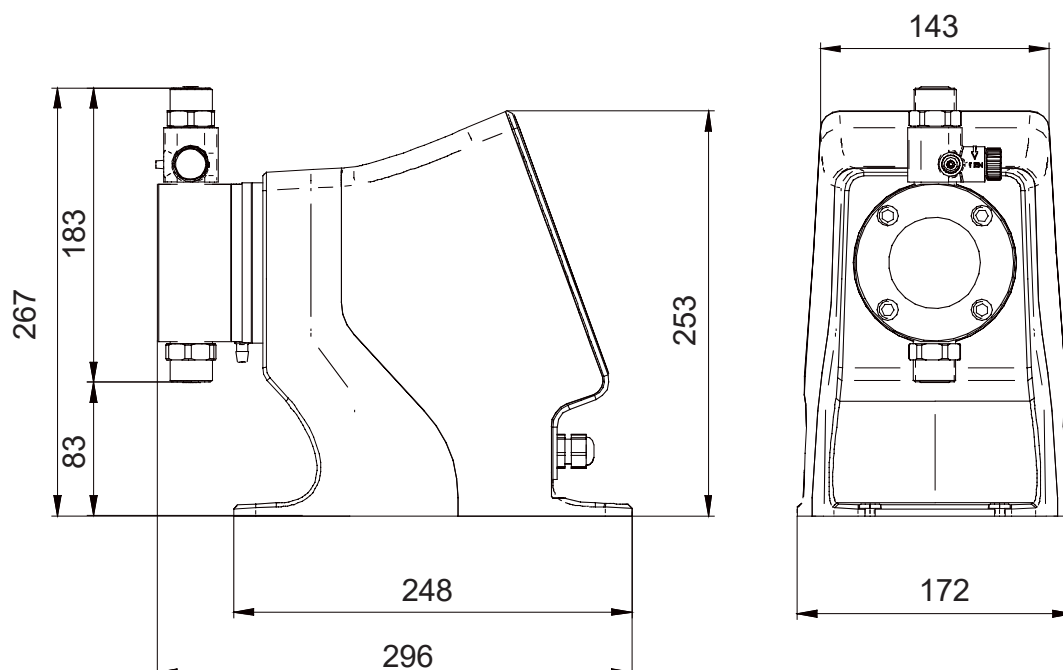
ADDITIONAL SAFETY DEVICES

- Temperature sensor
- Overload and short circuit protection
- Level sensor (optional)

INPUTS

- External pulse input
- Remote on/off input
- Level sensor input (pre-empty)

DIMENSIONS



WEIGHT

DOSmart : 4.5 Kg (10 lb)