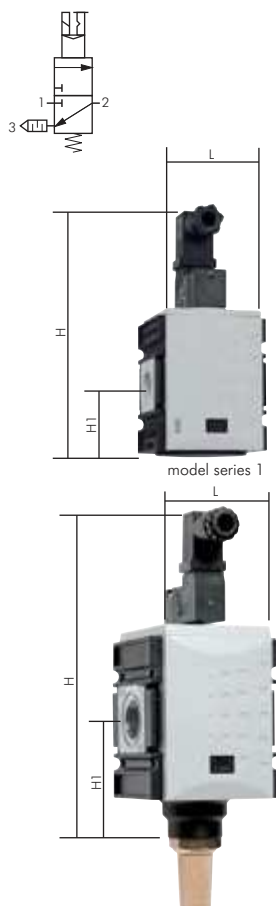


Valves/distributors - Futura



Valves Futura model series

Materials: Body: Grivory® (PA 66), cover: POM, seals: NBR

Temperature range: -10°C to max. +50°C

Media: Oiled and unoled compressed air, neutral gases

- Advantages:**
- Simple assembly of single components using coupling kits within a model series.
 - Delivery includes an exhaust silencer, if necessary

3/2-way valves Futura model w/ manual emergency operation up to 12500 l/min

Input pressure: 2 - 10 bar, (pneumatically operated: 2 - 16 bar)

Power consumption: 2.5W/3 VA (50Hz), **protection category:** IP 65

Supply volume: Valves incl. silencers

Type 24V DC	Type 230V AC	Type pneu- matic	Thread	Flow l/min	H	H1	L
Model series 0							
M CL 014 F 24V=	M CL 014 F 230V	P CL 014 F	G 1/4"	2000	138*	45	43
Model series 1							
M CL 14 F 24V=	M CL 14 F 230V	P CL 14 F	G 1/4"	2000	118*	33	52
M CL 38 F 24V=	M CL 38 F 230V	P CL 38 F	G 3/8"	2000	118*	33	52
Model series 2							
M CL 382 F 24V=	M CL 382 F 230V	P CL 382 F	G 3/8"	4300	150*	57	63
M CL 12 F 24V=	M CL 12 F 230V	P CL 12 F	G 1/2"	4300	150*	57	63
Model series 4							
M CL 34 F 24V=	M CL 34 F 230V	P CL 34 F	G 3/4"	12500	178*	67	85
M CL 10 F 24V=	M CL 10 F 230V	P CL 10 F	G 1"	12500	178*	67	85

* for pneumatic actuation (G 1/8"): 97 mm (model series 0), 70 mm (model series 1), 118 mm (model series 2), 150 mm (model series 4)

Mounting bracket	Coupling kit
W 0 F	KP 0 F or KPW 0 F
W 1 F	KP 1 F or KPW 1 F
W 1 F	KP 1 F or KPW 1 F
W 2 F	KP 2 F or KPW 2 F
W 2 F	KP 2 F or KPW 2 F
W 4 F	KP 4 F or KPW 4 F
W 4 F	KP 4 F or KPW 4 F

Ball valves with venting Futura model series

up to 25000 l/min

Input pressure: 0 - 16 bar (model series 0: 0 - 12 bar)

Function: 3/2 way shut-off valve w/ captured exhaust air. In closed state, can be locked using a padlock VHS 20 (pag. 641).

Supply volume: Ball valve incl. silencer

ATEX: Operating material without its own potential source of ignition in accordance with Directive 2014/34/EU (not model series 0)

Type	Thread	Flow l/min	H	H1	L
Model series 0					
K 014 F	G 1/4"	2300	76	51	43
Model series 1					
K 14 F	G 1/4"	1900	88	55	52
K 38 F	G 3/8"	1900	88	55	52
Model series 2					
K 382 F	G 3/8"	11000	127	57	63
K 12 F	G 1/2"	11000	127	57	63
Model series 4					
K 34 F	G 3/4"	25000	145	51	85
K 10 F	G 1"	25000	145	51	85

Mounting bracket	Coupling kit
W 0 F	KP 0 F or KPW 0 F
W 1 F	KP 1 F or KPW 1 F
W 1 F	KP 1 F or KPW 1 F
W 2 F	KP 2 F or KPW 2 F
W 2 F	KP 2 F or KPW 2 F
W 4 F	KP 4 F or KPW 4 F
W 4 F	KP 4 F or KPW 4 F

Filler valves (start-up valves) Futura model series

up to 10000 l/min

Input pressure: 2.5 - 16 bar (model series 0: 2.5 - 12 bar)

Function: The machines are allowed to breathe gradually via an orifice. Once the pressure attains a value of approx. 50% of the input pressure and the cylinders have gradually moved into their basic settings, the start-up valve switches over to maximum throughway. The speed of the pressure build-up can be controlled using an adjustment screw.

ATEX: Operating material w/o its own potential source of ignition in acc. to Directive 2014/34/EU (not model series 0)

Type	Thread	Flow l/min	H	H1	L
Model series 0					
BEFULL 014 F	G 1/4"	2000	81	28	43
Model series 1					
BEFULL 14 F	G 1/4"	2000	78	33	52
BEFULL 38 F	G 3/8"	2000	78	33	52
Model series 2					
BEFULL 382 F	G 3/8"	4500	112	58	63
BEFULL 12 F	G 1/2"	4500	112	58	63
Model series 4					
BEFULL 34 F	G 3/4"	10000	112	54	85
BEFULL 10 F	G 1"	10000	112	54	85

Mounting bracket	Coupling kit
W 0 F	KP 0 F or KPW 0 F
W 1 F	KP 1 F or KPW 1 F
W 1 F	KP 1 F or KPW 1 F
W 2 F	KP 2 F or KPW 2 F
W 2 F	KP 2 F or KPW 2 F
W 4 F	KP 4 F or KPW 4 F
W 4 F	KP 4 F or KPW 4 F

**Shut-off valves (e.t. ball valves)
must be installed before the filler valve!**

All data are considered to be unbinding reference values. We accept no liability for data selection that is not confirmed in writing. Pressure data refer, if not otherwise indicated, to liquids of Group II at +20°C.