Stainless Steel Hygienic Fittings for Food and Beverage Applications

Characteristics

- Designed for the demanding requirements of food, beverage, and drug processing applications
- Made with food contact approved materials in conformance with 21 CFR 177.2600
- Smooth finish prevents microbial build-up
- IP69 high-pressure washdown resistance
- Integrated strain relief
- Wide sealing and clamping range

Specifications

Connecting thread	Metric EN 60423 NPT ANSI B1.20.1
Temperature range	
Permanent	-20°C - +100°C / -4°F - +212°F
Intermittent	-40°C - +150°C / -40°F - +302°F
Protection class	Type 4X UL50E IP69 EN 60529
Material	
Body, cap and inner rings	Stainless steel EN 1.4305 / AISI 303
Clamping insert	POM
Seal	EPDM acc. to 21 CFR 177.2600
Contact spring (EMC style)	Special copper alloy

Part No.	Thread	Clamping Range Ø inches	Clamping Range Ø mm	TL mm	SWC mm	SWB* mm	H mm	UL R/L
	METRIC							
FHM12	M12x1.5	0.118-0.255	3-6.5	6	14	7	23.5	R
FHM16	M16x1.5	0.196-0.393	5-10	7	18	10	26.5	R
FHM20	M20x1.5	0.236-0.472	6-12	8	22	13	29.5	L
FHM25	M25x1.5	0.472-0.669	12-17	10	28	17	32.5	L
	NPT							
FHNPT14	NPT 1/4”	0.118-0.255	3-6.5	10	18	7	23.5	R
FHNPT38	NPT 3/8”	0.196-0.393	5-10	10	22	10	27.5	R
FHNPT12	NPT 1/2”	0.236-0.472	6-12	11	28	13	30.5	L
FHNPT34	NPT 3/4”	0.472-0.669	12-17	12	35	17	33.5	L
	METRIC EMC							
FHM16-C2	M16x1.5	0.196-0.393	5-10	7	18	10	32.5	R
FHM20-C2	M20x1.5	0.236-0.472	6-12	8	22	13	35.5	L
FHM25-C2	M25x1.5	0.472-0.669	12-17	10	28	17	41.0	L
	NPT EMC							
FHNPT38-C2	NPT 3/8”	0.196-0.393	5-10	10	22	10	33	R
FHNPT12-C2	NPT 1/2”	0.236-0.472	6-12	11	28	13	36	L
FHNPT34-C2	NPT 3/4”	0.472-0.669	12-17	12	35	17	41.5	L

EMC Type Fittings

- 360° shield termination
- Adapts to different size cable shields
- Contact spring made of special copper alloy providing low contact resistance

Item Specific Approvals

- UL Recognized (R) or UL Listed (L), as per table

Matching locknut included with hygienic fittings.
*SWB refers to metric hex key sizing

Specifications are subject to change without prior notice