

Specification Sheet

Series 3000 European Version T-Line Single-Round Housings

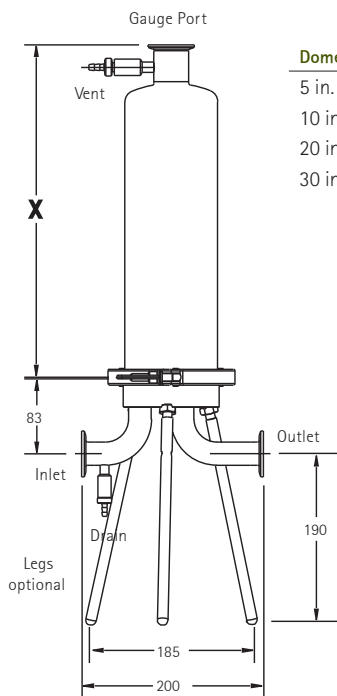


Specifications

CE Pressure Equipment	European ISO® and DIN compatible housings have been designed and manufactured according to the essential requirements of the European Pressure Equipment Directive 97/23/EC. Series 3000 30-inch T-line housings are CE marked.
CFR Compliance	The sealing materials supplied comply with the Title 21 Code of Federal Regulations, section 177.2600 for rubber compounds or 177.1550 for fluorocarbon resin, 177.1520 for olefin polymers.
USP Class VI Compliance	All seal materials comply with USP <88> Biological Reactivity Tests for Class VI plastics.
Operating Conditions Range:	10 bar (145 psig) at 25 °C (77 °F) 7 bar (100 psig) at 60 °C (140 °F) 6 bar (87 psig) at 80 °C (176 °F) 3.2 bar (46 psig) at 145 °C (293 °F)
Materials of Construction (Wetted Parts) All metal surfaces in contact with the product: Plunger valve seal tip: Diaphragm valve membrane: Gasket and plunger valve seal: Optional gasket materials:	316L (DIN 1.4404 and DIN 1.4435) stainless steel PTFE EPDM Silicone EPDM, PTFE encapsulated fluoroelastomer
Surface Finish	All stainless steel wetted parts are electropolished $Ra \leq 0.5 \mu m$ internal, $Ra \leq 0.8 \mu m$ external.
Connections Gauge Port: Inlet/Outlet:	Ferrule (1½ in.) ISO Butt weld end, Ferrule or Flange (DN15, DN20 or DN25) DIN Butt weld end, Ferrule or Flange (DN15, DN20, or DN25)
Cartridge Code	Code 7 (tab)
Clamp	4 in. Ferrule, 3-piece 304 (DIN 1.4301) stainless steel clamp

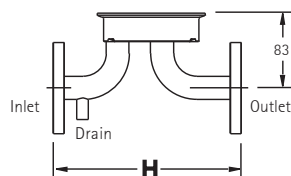
T-Line Housing Dimensions

Base Options

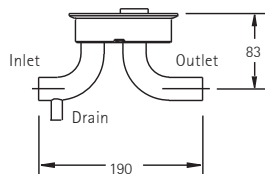


T-line Housing with
Ferrule Inlet and Outlet
Connections

Dome Size	X (mm)	Connection	H (mm)
5 in.	239	DN15	200
10 in.	366	DN20	200
20 in.	620	DN25	214
30 in.	861		

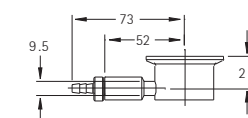


T-line Base with
Flange Inlet and Outlet
Connections

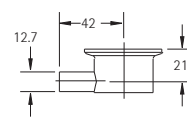


T-line Base with
Butt Weld Inlet and Outlet
Connections

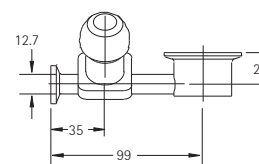
Vent and Drain Options



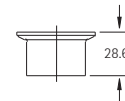
Plunger Valve



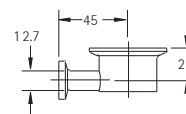
Butt Weld



Gemü Diaphragm Valve



No Vent



1/2 in. Ferrule

Catalogue No. Structure

H	1	E	E	7	T					
Series 3000 Single-Round Housing	No. of Cartridges	Connection E = European	Surface Finish E = EP (Electropolished)	Cartridge Code 7 = Code 7 (tab)	Line T = T-line	Cartridge Length 5 = 5 in. 1 = 10 in. 2 = 20 in. 3 = 30 in.	Inlet/Outlet Connection A = ISO Butt Weld End B = DIN Butt Weld End E = ISO Ferrule F = DIN Ferrule K = ISO Flange L = DIN Flange	Inlet/Outlet Size 15 = DN15 20 = DN20 25 = DN25	Vent N = No Vent P = Plunger Valve D = Diaphragm Valve C = 1/2 in. Ferrule W = Butt Weld End	Drain N = No Vent P = Plunger Valve D = Diaphragm Valve C = 1/2 in. Ferrule W = Butt Weld End

Ordering Information

Accessories

Description	Qty/Pk	Catalogue No.
Legs (stand)	3	H1S31LEG3
Pressure gauge, 0 ÷ 1,100 Kpa	1	P90005
Pressure gauge, 0 ÷ 160 psi, 0 ÷ 11 bar	1	P90001

Spare Parts

Description	Qty/Pk	Catalogue No.
Valves		
Plunger valve stem	2	H1PVSTEM2
Sanitary vent/drain valve seal kit with silicone O-rings and virgin PTFE sealing tips	10	HGPVS0KIT
Sanitary vent/drain valve seal kit with fluoroelastomer O-rings and virgin PTFE sealing tips	10	HGPVW0KIT
Sanitary vent/drain valve seal kit with EPDM O-rings and virgin PTFE sealing tips	10	HGPVEPKIT
Diaphragm for Gemü® diaphragm valve	2	H1DVDEP02
Gemü® diaphragm valve kit (bolts and washers)	1 kit	H1DVBWKIT

Gaskets

Silicone is the standard gasket material. EPDM and PTFE are optional and must be ordered separately.

Description	Size/Fits	Silicone	EPDM	PTFE encapsulated fluoroelastomer
Ferrule Connections, 10/pk	ISO DN15	HGIS0E015S10	HGIS0E015E10	HGIS0E015T10
	ISO DN20	HGIS0E020S10	HGIS0E020E10	HGIS0E020T10
	ISO DN25	HGIS0E025S10	HGIS0E025E10	HGIS0E025T10
	DIN DN15	HGDINF015S10	HGDINF015E10	HGDINF015T10
	DIN DN20	HGDINF020S10	HGDINF020E10	HGDINF020T10
	DIN DN25	HGDINF025S10	HGDINF025E10	HGDINF025T10
	¾ in.	HGTC075SP	HGTC075EP	HGTC075T0
	4 in.	HGTC400SP	HGTC400EP	HGTC400T0
Flange Connections, 10/pk	ISO DN15	HGIS0K015S10	HGIS0K015E10	
	ISO DN20	HGIS0K020S10	HGIS0K020E10	
	ISO DN25	HGIS0K025S10	HGIS0K025E10	
	DIN DN15	HGDINL015S10	HGDINL015E10	
	DIN DN20	HGDINL020S10	HGDINL020E10	
	DIN DN25	HGDINL025S10	HGDINL025E10	

End Caps

All end caps are 316L (DIN 1.4404 and 1.4435) stainless steel.

Description	Size/Fits	Qty/Pk	Catalogue No.
Ferrule Connections	ISO DN15; DIN DN15 or DN20	2	HPLG03400MM2
	ISO DN20 or DN25; DIN DN25	2	HPLG05050MM2
	¾ in. / ½ in.	2	HPLG00075IN2

Clamps

All clamps are 304 (DIN 1.4301) stainless steel.

Description	Size/Fits	Qty/Pk	Catalogue No.
Ferrule Connections, 2-piece	ISO DN15; DIN DN15 or DN20	2	HCLMP3400MM2
	ISO DN20 or DN25; DIN DN25	2	HCLMP5050MM2
	¾ in.	2	HCLMP0075IN2
Ferrule Connections, 3-piece	4 in.	1	P34303

Literature for Series 3000 Single-Round Housings

Data Sheet

Series 3000 Single-Round Housings	DS4112EN00
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Specification Sheets

Version	Line Style	Literature No.
U.S. Version	T-line Housings	SP1002ENUS
	In-line Housings	SP1001ENUS
	C-line Housings	SP1000ENUS
European Version	T-line Housings	SP1020EN00
	In-line Housings	SP1040EN00
	C-line Housings	SP1030EN00
Japanese Version	T-line Housings	SP1050EN00
	In-line Housings	SP1060EN00
	C-line Housings	SP1070EN00

To Place an Order or Receive
Technical Assistance

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Series-3000-European-Version-T-Line-Single-Round-Housings

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H1EE7T5C15NN	H1EE7T1C15NN	H1EE7T2C15NN	H1EE7T3C15NN	H1EE7T5F15PP	H1EE7T1F15PP	H1EE7T2F15PP	H1EE7T3F15PP
H1EE7T5C15PP	H1EE7T1C15PP	H1EE7T2C15PP	H1EE7T3C15PP	H1EE7T5F15DD	H1EE7T1F15DD	H1EE7T2F15DD	H1EE7T3F15DD
H1EE7T5C15DD	H1EE7T1C15DD	H1EE7T2C15DD	H1EE7T3C15DD	H1EE7T5F15CC	H1EE7T1F15CC	H1EE7T2F15CC	H1EE7T3F15CC
H1EE7T5C15CC	H1EE7T1C15CC	H1EE7T2C15CC	H1EE7T3C15CC	H1EE7T5F15SWW	H1EE7T1F15SWW	H1EE7T2F15SWW	H1EE7T3F15SWW
H1EE7T5C15WW	H1EE7T1C15WW	H1EE7T2C15WW	H1EE7T3C15WW	H1EE7T5F20NN	H1EE7T1F20NN	H1EE7T2F20NN	H1EE7T3F20NN
H1EE7T5C20NN	H1EE7T1C20NN	H1EE7T2C20NN	H1EE7T3C20NN	H1EE7T5F20NP	H1EE7T1F20NP	H1EE7T2F20NP	H1EE7T3F20NP
H1EE7T5C20ND	H1EE7T1C20ND	H1EE7T2C20ND	H1EE7T3C20ND	H1EE7T5F20ND	H1EE7T1F20ND	H1EE7T2F20ND	H1EE7T3F20ND
H1EE7T5C20NC	H1EE7T1C20NC	H1EE7T2C20NC	H1EE7T3C20NC	H1EE7T5F20NC	H1EE7T1F20NC	H1EE7T2F20NC	H1EE7T3F20NC
H1EE7T5C20NN	H1EE7T1C20NN	H1EE7T2C20NN	H1EE7T3C20NN	H1EE7T5F20NW	H1EE7T1F20NW	H1EE7T2F20NW	H1EE7T3F20NW
H1EE7T5C20NW	H1EE7T1C20NW	H1EE7T2C20NW	H1EE7T3C20NW	H1EE7T5F20NN	H1EE7T1F20NN	H1EE7T2F20NN	H1EE7T3F20NN
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H1EE7T5C20DD	H1EE7T1C20DD	H1EE7T2C20DD	H1EE7T3C20DD	H1EE7T5F20CC	H1EE7T1F20CC	H1EE7T2F20CC	H1EE7T3F20CC
H1EE7T5C20CC	H1EE7T1C20CC	H1EE7T2C20CC	H1EE7T3C20CC	H1EE7T5F20SWW	H1EE7T1F20SWW	H1EE7T2F20SWW	H1EE7T3F20SWW
H1EE7T5C20WW	H1EE7T1C20WW	H1EE7T2C20WW	H1EE7T3C20WW	H1EE7T5F25NN	H1EE7T1F25NN	H1EE7T2F25NN	H1EE7T3F25NN
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H1EE7T5C25ND	H1EE7T1C25ND	H1EE7T2C25ND	H1EE7T3C25ND	H1EE7T5F25NC	H1EE7T1F25NC	H1EE7T2F25NC	H1EE7T3F25NC
H1EE7T5C25NC	H1EE7T1C25NC	H1EE7T2C25NC	H1EE7T3C25NC	H1EE7T5F25NW	H1EE7T1F25NW	H1EE7T2F25NW	H1EE7T3F25NW
H1EE7T5C25NW	H1EE7T1C25NW	H1EE7T2C25NW	H1EE7T3C25NW	H1EE7T5F25NN	H1EE7T1F25NN	H1EE7T2F25NN	H1EE7T3F25NN
H1EE7T5C25NN	H1EE7T1C25NN	H1EE7T2C25NN	H1EE7T3C25NN	H1EE7T5F25PP	H1EE7T1F25PP	H1EE7T2F25PP	H1EE7T3F25PP
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H1EE7T5C25DD	H1EE7T1C25DD	H1EE7T2C25DD	H1EE7T3C25DD	H1EE7T5F25CC	H1EE7T1F25CC	H1EE7T2F25CC	H1EE7T3F25CC
H1EE7T5C25CC	H1EE7T1C25CC	H1EE7T2C25CC	H1EE7T3C25CC	H1EE7T5F25SWW	H1EE7T1F25SWW	H1EE7T2F25SWW	H1EE7T3F25SWW
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H1EE7T5D15NP	H1EE7T1D15NP	H1EE7T2D15NP	H1EE7T3D15NP	H1EE7T5K15ND	H1EE7T1K15ND	H1EE7T2K15ND	H1EE7T3K15ND
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H1EE7T5D15NW	H1EE7T1D15NW	H1EE7T2D15NW	H1EE7T3D15NW	H1EE7T5K15NN	H1EE7T1K15NN	H1EE7T2K15NN	H1EE7T3K15NN
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H1EE7T5D15CC	H1EE7T1D15CC	H1EE7T2D15CC	H1EE7T3D15CC	H1EE7T5K15SWW	H1EE7T1K15SWW	H1EE7T2K15SWW	H1EE7T3K15SWW
H1EE7T5D15WW	H1EE7T1D15WW	H1EE7T2D15WW	H1EE7T3D15WW	H1EE7T5K20NN	H1EE7T1K20NN	H1EE7T2K20NN	H1EE7T3K20NN
H1EE7T5D20NN	H1EE7T1D20NN	H1EE7T2D20NN	H1EE7T3D20NN	H1EE7T5K20NP	H1EE7T1K20NP	H1EE7T2K20NP	H1EE7T3K20NP
H1EE7T5D20ND	H1EE7T1D20ND	H1EE7T2D20ND	H1EE7T3D20ND	H1EE7T5K20ND	H1EE7T1K20ND	H1EE7T2K20ND	H1EE7T3K20ND
H1EE7T5D20NC	H1EE7T1D20NC	H1EE7T2D20NC	H1EE7T3D20NC	H1EE7T5K20NC	H1EE7T1K20NC	H1EE7T2K20NC	H1EE7T3K20NC
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