

Example for a typical product. The dimensions shown in this datasheet apply to standard types. If you need the dimensions for your individual type or should you still not find your options at all please contact the factory.

**BILL OF MATERIALS** POS. DESCRIPTION MATERIAL QTY 1 BODY VLV. V52 1/2 NPT AISI 316L 1 BONNET 316L/PTFE AISI 316L / PTFE 2 1 3 T HANDLE 50mm AISI 303 1 DUST CUP HYTREL BLU 4 1 5 NO HEAD SCREW M6x10 - 45H - DIN 915 A2 1 PIN 4X12 - ISO 8741 6 A2 1 7 BLEEDER M8x1 AISI 316L 1 MODEL INSIDE MODEL RATING MATERIAL PACKING IN OUT NOTE DIAMETER V52 3/6/10K psi AISI 316L\* PTFE\* 1/2" NPT\* 1/2" NPT\* 4mm/0,15in\* \*for more options see next sheet The dimensions shown apply only to the illustrated valve - if you need the dimensions for your individual type or should you still not find your options at all please contact the factory. I.T.E. SRL - Italy Tel.: +39 0371 871077 / e-mail: info@ite-srl.com / web: www.ite-srl.com

**VEEDLE VALVE** 



PTFE and GRAPHOIL packing available for all valve

STANDARD FEATURES



Operating handle for low torque

function. Operating options are Anti-Tamper or looking device

Non-rotating lower stem for smooth operation and minimum wear of sealing elements. The lower stem is anti blow-out/non-removable

for your safety.

features

types. Wetted parts according to NACE MR.0175/MR.0103 as standard. Close dust cup for operating thread protection and Shell test and seat leakage test are performed Stem with cold rolled threads providing colour for high strength and smooth according to API 598 and ASME B16.34 (1.5 of coded functional operation.Stem incorporated max rating pressure). identification back stop design. Certificate 3.1 certificate according to EN 10 204 on valve body material. Valves and manifold are not supplied with plugs unless specified Gland adjuster lock nut Gland packing for vibration protection. adjuster with SPECIAL FEATURES easy acces Metal to Metal secondary needle seal. O-Ring packing Adjustable packing installed Oxygen service PTFE packing cleaned and below operating threads to Metal to Metal Seal degreased prevent medium contamination to Valve Body or lubrificant washout of operating threads.

Bar stock needle valve designed for operation with any fluid.

**BONNET FEATURES** 

## MATERIAL

MATERIAL GROUP	I.T.E. DESIGNATION	ASTM	UNS
Stailess Steel	316/316L	316/316L	S31600
	6Mo		N08367
Ferritic Stainless Steel	Duplex	F51	S31803
	Superduplex	F55	S32750
Carbon Steel	LF2	LF2	
	A105	A105	
Alloy	Alloy 400		N04400
	Alloy C276		N10276
	Alloy 625		N06625
	Alloy 825		N08825
Titanium	Ti Gr.2		R50400

## CONNECTIONS

NPT threads acc. to. ASME B 1.20.1 BSPT threads acc. to. ISO 7/1 BSPP threads acc. to.ISO 228-1/ISO 1179-1 Metric threads acc. to. ISO 261 G Threads acc. to. ISO 228-1/EN 837-1 Butt weld (male) acc. to. ASME B16.9 Socket Weld (female) acc. to. ASME B16.11 Maximum standard pressure up to 6.000 psig (414 barg).

Maximum optional pressure up to 10.000 psig (689barg).

- ■Temperature range -54°C to +530°C.
- PTFE standard gland packing (Graphoil optional).

Max. temperature PTFE 260°C.

Max. temperature Graphoil 530°C.

Low operating torque.

Packing below threads to prevent lubricant washout.

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Stop pin