



Certificate of Compliance and Tests

Customer Metso Endress+Hauser Oy PL 310 Laippatie 4C HELSINKI FINLAND		Date 15.10.2002	Sales Office Order Number 3582700066_01
		Customer Order Number Contract 2.1/2002, 27.5.2002	
		Order Number, Item, Row SO402661/001, 003	Document Revision
Model T4DE04DAA02/Y		Certificate Type EN 10204/3.1B	Sales Secretary SH
Body Material ASTM A216 gr. WCB		Trim Material ASTM A351 gr. CF8M+HCr	

Tag no.	Charge No					
	Body 01	Bonnet 08	Ball 03			
	E122	1797				
	Charge No					

Material certificates document ids 026128, 019623, 019415

BODY TEST

ASME B16.34 - 1996

Body Pressure Test by Water		Body Leakage Test by Air	
Flange Drilling/ Pressure Rating (Body) ANSI 300		Flange Drilling/ Pressure Rating (Body)	Allowed Leakage
Pressure 78 Bar	Duration 60 sec	Pressure	Duration
		Measured Leakage	
	Test Accepted		

SEAT LEAKAGE TEST

WATER: ANSI class V, ANSI/FCI 70-2 - 1991

AIR:

WATER		AIR		HELIUM / NITROGEN	
Duration 30,00 sec		Duration		Duration	
Allowed Leakage 1,710 ml/min		Allowed Leakage		Allowed Leakage	
Pressure, Bar 57	Pressure, Bar	Pressure, Bar	Pressure, Bar	Pressure, Bar	Pressure, Bar
Measured Leakage		Measured Leakage		Measured Leakage	
Side A 0,360 ml/min	Side B	Side A	Side B	Side A	Side B

OPERATING TIMES

Open max	Open min	Close max	Close min
Measured		Measured	

Remarks

THIS IS TO CERTIFY THAT THE VALVE FULFILLS THE REQUIREMENTS OF THE ORDER.

For Metso Field Systems Oy

Anneli Virtanen

Anneli Virtanen
Document Engineer, Helsinki



Field Systems Division

DECLARATION OF CONFORMITY

Manufacturer: Metso Automation PL 310 00811 Helsinki Finland	Supply Center: Helsinki	Tag no.:	
Model: T4DE04DAA02/Y			
Description of Pressure Equipment: Ball valve			
Order Number, Item, Row: SO402661/001, 003	Document Revision:	Valve Size: DN100	Pressure rating:
Conformity Assessment Procedure followed: Module H acc. to PED 97/23/EC			
Certificate No: 07 202 0111 Z/01361/H			
Name and address of Notified Body carried out the inspection:			
Notified Body monitoring the Manufacturer's Quality Assurance System: TÜV Nord, Nr. 0045			
Remarks:			
Authorized Person of the Manufacturer within the European Community 15.10.2002  Ralf Liljestrand Quality Manager			