



YinkeValve®
FLOW CONTROL

DIMENSIONAL INSPECTION REPORT
Valve Dimensional Verification & Drawing Traceability

WEBSITE SAMPLE
NOT AN ACTUAL INSPECTION CERTIFICATE

PUBLIC QUALITY EVIDENCE SAMPLE | Drawing Control | Calibrated Tools | Dimensional Records | QC Traceability

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Customer	CONFIDENTIAL / REDACTED	Report No.	YK-DIM-SAMPLE-001	Revision	1 / Public Sample
Project / Purpose	Website Quality Evidence - Dimensional Inspection Format	PO / Contract No.	[REDACTED]	Inspection Date	18-Aug-2026
Manufacturer	CHINA YINKE VALVE CO., LIMITED	Drawing / GA Ref.	YK-GA-[CONTROLLED]	ITP / QCP Ref.	YK-QCP-[CONTROLLED]

1. VALVE IDENTIFICATION & DRAWING TRACEABILITY

Valve Type	Gate Valve, Bolted Bonnet, OS&Y	Size / Rating	NPS 6 / ASME Class 150	Design Standard	API 600
End Connection	RF Flanged	Body Material	ASTM A216 WCB	Face-to-Face Basis	Approved drawing / ASME B16.10 as applicable
Valve Serial No.	[REDACTED]	Valve Tag No.	[REDACTED]	MTC / CMTR No.	[REDACTED]
Body Heat No.	[REDACTED]	Bonnet Heat No.	[REDACTED]	Wedge Heat No.	[REDACTED]
Approved Drawing Rev.	[CONTROLLED]	Customer Datasheet Ref.	[REDACTED / CONTROLLED]	Inspection Stage	Final dimensional inspection

2. MEASURING EQUIPMENT & CALIBRATION CONTROL

No.	Instrument	Instrument ID	Range / Resolution	Calibration Certificate	Valid Through	Status
1	Digital Caliper	[REDACTED]	0-300 mm / 0.01 mm	[REDACTED / CONTROLLED]	Verified before actual inspection	SAMPLE
2	Outside Micrometer	[REDACTED]	25-50 mm / 0.001 mm	[REDACTED / CONTROLLED]	Verified before actual inspection	SAMPLE
3	Steel Tape Measure	[REDACTED]	0-5 m / 1 mm	[REDACTED / CONTROLLED]	Verified before actual inspection	SAMPLE
4	Flange / OD Tape	[REDACTED]	Applicable size range	[REDACTED / CONTROLLED]	Verified before actual inspection	SAMPLE
5	Depth / Height Gauge	[REDACTED]	0-300 mm / 0.01 mm	[REDACTED / CONTROLLED]	Verified before actual inspection	SAMPLE

CONTROL NOTE: Actual dimensional acceptance is based on the approved manufacturing drawing, customer datasheet and applicable purchase-order requirements. Instrument IDs and calibration records are controlled QC records.

3. PRIMARY DIMENSIONAL INSPECTION RECORD

No.	Dimension / Feature	Drawing Nominal	Tolerance	Measured A	Measured B	Instrument	Acceptance	Result
1	Face-to-Face (F2F)	Illustrative: 267.0 mm	Per approved drawing	266.9 mm	267.0 mm	Steel Tape / Caliper	Within drawing requirement	SAMPLE PASS
2	Flange Outside Diameter	Illustrative: 279.4 mm	Per approved drawing	279.3 mm	279.4 mm	OD Tape / Caliper	Within drawing requirement	SAMPLE PASS
3	Bolt Circle Diameter (PCD)	Illustrative: 241.3 mm	Per approved drawing	241.2 mm	241.3 mm	Caliper / Gauge	Within drawing requirement	SAMPLE PASS
4	Bolt Hole Diameter	Illustrative: 22.2 mm	Per approved drawing	22.1 mm	22.2 mm	Digital Caliper	Within drawing requirement	SAMPLE PASS
5	Flange Thickness	Illustrative: 25.4 mm	Per approved drawing	25.3 mm	25.4 mm	Digital Caliper	Within drawing requirement	SAMPLE PASS
6	Raised Face Height	Illustrative: 1.6 mm	Per approved drawing	1.6 mm	1.6 mm	Depth Gauge	Within drawing requirement	SAMPLE PASS


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4. ADDITIONAL VALVE DIMENSIONS & GEOMETRY CHECK

No.	Inspection Item	Drawing / Requirement	Measured / Observed	Instrument / Method	Acceptance Criteria	Record / Remark	Result
8	Number of Bolt Holes	Per approved drawing	Illustrative: 8	Visual / Count	Matches drawing	Example record only	SAMPLE PASS
9	Body end bore / flow passage	Per approved drawing	Illustrative: conforms	Caliper / approved gauge	Within drawing requirement	Example record only	SAMPLE PASS
10	Overall height - valve closed	Per approved drawing	Illustrative: 680 mm	Steel tape	Within drawing requirement	Example record only	SAMPLE PASS
11	Overall height - valve open	Per approved drawing	Illustrative: 820 mm	Steel tape	Within drawing requirement	Example record only	SAMPLE PASS
12	Stem diameter at accessible inspection point	Per approved drawing	Illustrative: 31.75 mm	Outside micrometer	Within drawing requirement	Example record only	SAMPLE PASS
13	Handwheel / gear operator envelope	Per approved drawing	Illustrative: conforms	Steel tape	No interference; drawing match	Example record only	SAMPLE PASS
14	Flange parallelism / end alignment	Per approved drawing	Illustrative: acceptable	Straightedge / approved method	Within drawing requirement	Example record only	SAMPLE PASS
15	Flange face condition & concentricity	Approved drawing / visual criteria	No visible damage; illustrative	Visual / dimensional check	Acceptable for assembly / shipment	Example record only	SAMPLE PASS
16	Body-bonnet bolting projection / fit	Per approved drawing	Illustrative: conforms	Visual / caliper	Correct assembly & projection	Example record only	SAMPLE PASS
17	Nameplate data / marking position	PO / drawing / marking procedure	Illustrative: matches sample fields	Visual verification	Required markings present	Sensitive details redacted	SAMPLE PASS

5. FLANGE / END-CONNECTION VERIFICATION

No.	Feature	Requirement / Basis	Inspection Method	Illustrative Observation	Acceptance	Result
1	Flange size / rating	NPS 6 / Class 150 per approved drawing	Visual + dimension check	Configuration matches sample drawing	Matches approved design	SAMPLE PASS
2	Facing type	RF	Visual verification	Raised face observed	Matches approved drawing	SAMPLE PASS
3	Bolt-hole quantity / orientation	Per approved drawing	Count + orientation check	Illustrative: 8 holes, orientation acceptable	Matches drawing / project requirement	SAMPLE PASS
4	Flange face finish	Per approved manufacturing requirement	Visual / comparator if required	Illustrative: acceptable	No unacceptable damage / finish issue	SAMPLE PASS
5	End-face protection	Shipping / preservation requirement	Visual inspection	Illustrative: protective covers fitted	Protected for shipment	SAMPLE PASS
6	End-to-end symmetry / centerline	Per approved drawing	Dimensional / visual check	Illustrative: acceptable	Within drawing requirement	SAMPLE PASS


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6. INSPECTION CHECKLIST

Item	Verification Requirement	Website Sample Status	Actual Order Record / Reference
01	Valve identification matches PO, datasheet, drawing and nameplate	TO BE RECORDED	Controlled QC inspection record
02	Latest approved drawing revision verified before inspection	TO BE RECORDED	Drawing / document control
03	Measuring instruments are within calibration validity	TO BE RECORDED	Calibration certificates
04	Critical dimensions recorded and checked against drawing tolerances	TO BE RECORDED	Dimensional inspection sheet
05	Flange / end-connection and marking features verified	TO BE RECORDED	Final inspection record
06	Final condition released by authorized QC representative	TO BE RECORDED	QC release record

7. DOCUMENT & EVIDENCE CROSS-REFERENCE

No.	Supporting Record	Reference No.	Traceability / Purpose	Issue Status
1	Approved General Arrangement / Manufacturing Drawing	[CONTROLLED]	Defines nominal dimensions, tolerances and configuration	Available with applicable order / audit
2	Customer Datasheet / Purchase Specification	[REDACTED / CONTROLLED]	Defines customer-specific dimensions and inspection requirements	Available with applicable order / audit
3	Measuring Instrument Calibration Certificates	[REDACTED / CONTROLLED]	Provides measurement equipment traceability	Available with applicable order / audit
4	Material Test Certificate / CMTR	[REDACTED / CONTROLLED]	Links inspected valve to material heat numbers	Available with applicable order / audit
5	Inspection & Test Plan / QCP	[CONTROLLED]	Defines Hold / Witness / Review points	Available with applicable order / audit

8. INSPECTION STATUS & RELEASE AUTHORIZATION

Measured By	QC Inspector	Customer / TPI Witness	Final Approval
Name: _____	Name: _____	Name: _____	Name: _____
Signature: _____	Signature: _____	Signature: _____	Signature: _____
Date: _____	Date: _____	Date: _____	Date: _____

ACTUAL REPORT CERTIFICATION: For production orders, the authorized QC representative certifies that the identified valve was dimensionally inspected against the approved drawing and applicable purchase requirements, and that recorded measurements are traceable to the listed calibrated instruments and controlled inspection records.

WITNESS NOTE: Customer or third-party inspection signatures are recorded only when required by the approved ITP. Where witnessing is not required, the applicable review, release or waiver reference is retained in the controlled order file.

PUBLIC WEBSITE SAMPLE - NOT AN ACTUAL PRODUCT INSPECTION CERTIFICATE. This document demonstrates the YINKE VALVE dimensional inspection report format and QC traceability fields. Customer, PO, serial, heat, drawing, instrument and calibration identifiers are intentionally redacted or controlled. Numerical dimensions and measured values are illustrative examples only. Actual order reports are issued from controlled QC records and include the applicable valve-specific dimensions, approved drawing revision, calibrated instrument references and authorized approvals.