



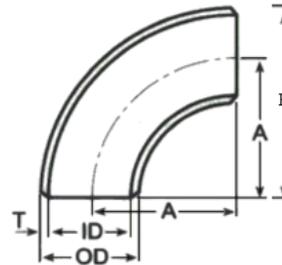
CANGZHOU AUTHENTIC PIPE FITTING MANUFACTURE CO., LTD
 ISO9001:2005 No.:01 100 1533062 API Q1-3060

DRAWING NO.:
 DRAWING DATE:

ELBOW-DRAWING-2024-08-29-19-18
 29-Aug-2024

ELBOW DRAWING AND DIMENSIONS DATA

OR No.:	OR141710
ITEM:	59



ANSI ASME B16.9 / MSS SP-75 (in mm)

ITEM	NAME	TYPE	DEGREE	MATERIAL STANDARD	DN	OD INCH(ES)	ODMM	UNIT Volume (m³)	DIMENSIONS(MM)		
									L=A+½OD	W=A+½OD	H=OD
1	ELBOW	R=1.5D	90	ASTM A234/A234M GR WPB	40	1-1/2"	48.3	0.00031964	81.35	81.35	48.3

DESCRIPTION:	ELBOW,PIPE:1-1/2",90 DEG,BE,SMLS,SCH160,CS,LR,GR WPB,ASTM A234,ASME B16.9,NACE MR0175
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MATERIAL STANDARD: ASTM A234/A234M GR WPB Chemical element composition content (%)

COMPONENT	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	V
Max	-	-	0.29	-	-	-	-	-	-	-
Min	0.3	0.1	1.06	0.05	0.058	0.4	0.4	0.4	0.15	0.08

ASTM A234/A234M GR WPB Mechanical Properties

Condition	TENSILE STRENGTH σ_b Mpa	YIELD POINT σ_s Mpa	ELONGATION OR ELONGATION AT BREAK δ %
PIPE FITTINGS	≥415	≥240	Standard round specimen, or small specimen, or strip specimen long : tr. : L0=4D: ≥22* L0=4D: ≥14* L0=50: ≥30⊙ L0=50: ≥20

	CANGZHOU AUTHENTIC PIPE FITTING MANUFACTURE CO., LTD			
	http://en.cangzhouauthentic.com/			
	AUTHENTIC PIPE FITTINGS MANUFACTURE Mengcun Hui Autonomous County, Cangzhou, Hebei Province, China			
DRAWING	HuBiad	AUDIT	王建华	李永辉