



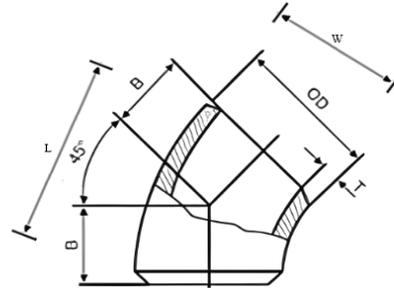
CANGZHOU AUTHENTIC PIPE FITTING MANUFACTURE CO., LTD  
 ISO9001:2005 No.:01 100 1533062 API Q1-3060

DRAWING NO.:  
 DRAWING DATE:

ELBOW-DRAWING-2024-08-29-20-53  
 29-Aug-2024

### ELBOW DRAWING AND DIMENSIONS DATA

OR No.:	OR141710
ITEM:	77



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	W	H=OD
1	ELBOW	R=1.5D	45	ASTM A860 GR WPHY60	300	12"	323.9	0.05783099	495.804647	348.5554186	323.9

DESCRIPTION:	ELBOW,PIPE:12",45 DEG,BE,SMLS,30.18MM(1.188")WT,CS,LR,GR WPHY60,ASTM A860,ASME B16.9,NACE MR0175
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MATERIAL STANDARD: ASTM A860 GR WPHY60 Chemical element composition content (%)

COMPONENT	C	Si	Mn	P	S	Cr	Ni	Cu	Mo	Ti	V	CeqMax
Max		0.15	1									≤0.42
Min	0.2	0.4	1.45	0.03	0.01	0.3	0.5	0.35	0.25	0.05	0.1	

ASTM A860 GR WPHY60 Mechanical Properties

CONDITION	TENSILE STRENGTH $\sigma_b$ Mpa	YIELD POINT $\sigma_s$ Mpa	ELONGATION OR ELONGATION AT BREAK $\delta$ %
PIPE FITTINGS	≥520	≥415	≥20

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