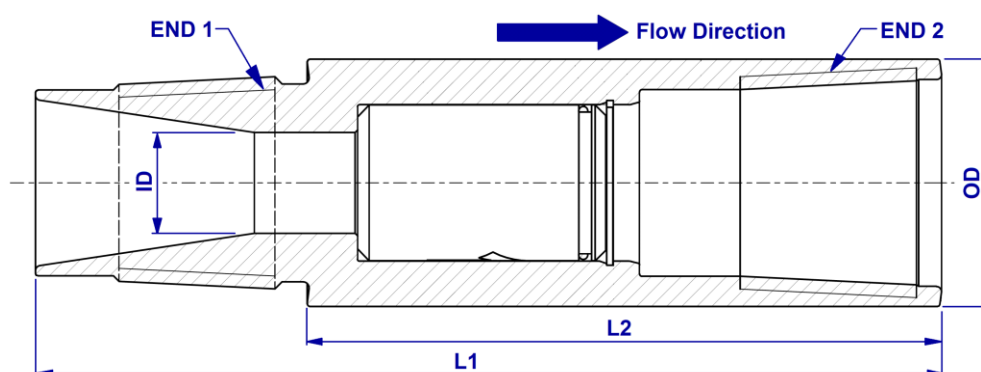


HolloRod™ Check Valve 486 SEC NU

Dimensions:

Pin 486 SEC NU - Box 486 SEC NU



End Combination	OD	ID	L1	L2	Nominal Weight
Pin 486 SEC NU HI - Box 486 SEC NU	1.929" (49 mm)	0.709" (18 mm)	7.087" (180 mm)	4.961" (126 mm)	3.01 lb (1.37 kg)
Pin 486 SEC NU LI - Box 486 SEC NU	1.929" (49 mm)	0.787" (20 mm)	7.087" (180 mm)	4.961" (126 mm)	3.01 lb (1.37 kg)

*It can be used both as surface or downhole check valve.

Steel Grades:

Chemical Composition:

Typical chemical compositions (wt%) listed in the following table.

Grade	C (%)	Mn (%)	Si (%)	S (%)	P (%)	Cr (%)	Ni (%)	Mo (%)	Others (%)
CS105	0.23	0.55	0.25	0.010 max	0.015 max	0.95	0.30 max	0.70	V: 0.10 max
HS147	0.23	0.55	0.25	0.010 max	0.015 max	0.95	0.30 max	0.70	V: 0.10 max

Mechanical Properties:

Mechanical properties are listed in the following table.

Grade	Tensile			Toughness	Hardness
	Yield Strength (0,2% offset)	Ultimate Tensile Strength	Elongation (2")	CVN@RT Full Size	
CS105	100 to 115 kpsi (690 to 793 MPa)	Min 105 kpsi (Min 724 MPa)	10% Min	Min: 74 lb.ft (100 J)	28 HRC Max
HS147	139 to 160 kpsi (960 to 1100 MPa)	Min 147 kpsi (Min 1015 MPa)	10% Min	Min: 37 lb.ft (50 J)	32-38 HRC

Cartridge Specifications

Cartridge	Material	O-Ring	Opening Pressure	Recommended Working Pressure	Max. Temperature
K2212D-18	303 Stainless Steel	Viton	65 psi (448 kPa)	3000 psi (21 MPa)	399°F (204°C)

Performance Data:

End Combination	ID	Body Grade	HolloRod™ Grade	Make Up Torque	Max. Pulling Force	Max. Operative Torque
Pin 486 SEC NU HI - Box 486 SEC NU	18 mm	CS105	CS105	1300 to 1400 lb.ft (1763 to 1898 N.m)	81.6 klb (37 Tn)	1300 lb.ft (1763 N.m)
Pin 486 SEC NU HI - Box 486 SEC NU	18 mm	HS147	HS147	1500 to 1600 lb.ft (2034 to 2169 N.m)	103 klb (47 Tn)	1500 lb.ft (2034 N.m)
Pin 486 SEC NU LI - Box 486 SEC NU	20 mm	CS105	CS105	900 to 1000 lb.ft (1220 to 1356 N.m)	81.6 klb (37 Tn)	800 lb.ft (1085 N.m)
Pin 486 SEC NU LI - Box 486 SEC NU	20 mm	HS147	HS147	1100 to 1200 lb.ft (1491 to 1627 N.m)	115 klb (52 Tn)	1000 lb.ft (1356 N.m)

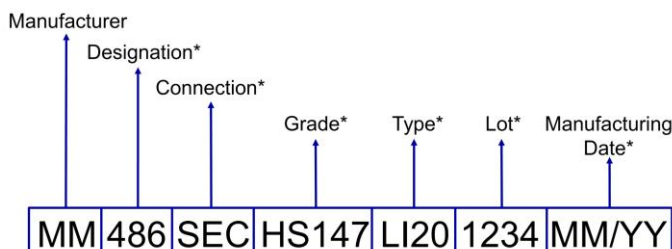
Non Destructive Testing:

All raw material is carefully inspected using electromagnetic and/or ultrasonic methods to ensure the soundness of the final product.

Each valve is inspected on a test bench using counterpressures up to 4500 psi to verify it's sealability.

Marking:

Products are marked for it's proper identification and traceability using laser engraving or die punching at manufacturer's option.



*Values shown are for reference only

Labeling:

		Metalmecánica S.A. Ruta 55 Km. 754,1 Villa Mercedes (San Luis) Made in Argentina	
		BOX N° 00000	DATE: 07/17
PRODUCT:			
PRODUCT DATASHEET CODE:			
PRODUCT DATASHEET NAME:			
GRADE			
QTY:			
CLIENT:			
SALES ORDER:		NET WEIGHT: (kg)	
DESTINATION:			

Ordering Information:

When placing an order please attach the following information:

PDS: HRCV486SECNU
End Combination: Pin 486 SEC NU HI - Box 486 SEC NU
Cartridge: K2212D-18

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