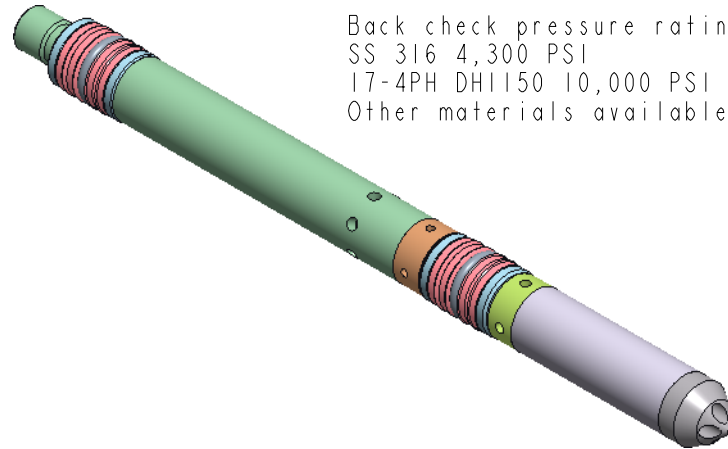


Item	Part number	Qty	Part name	Note
1	102-10141-R	1	Uper sub	
2	FREUDENBERG2709-00	1	freudenberg2709-00.asm	
3	102-10007-R	1	Body, lower packing	
4	FREUDENBERG2709-00	1	freudenberg2709-00.asm	
5	Z01490DV	1	O ring 014, 90D, Viton	
6	102-10011-R	1	Adapter, lower packing	
7	100-10008-C	1	Ring, retaining, 1.0 Copper	
8	100-SIXXX-TC-1	1	Seat, 1.0, TC	
9	Z11175DV	1	O ring III, 90D, Viton	
10	102-10023-C	1	Housing check	
11	Z01890DV	1	O, ring, 018, Viton, 90D	
12	Z01790DV	1	O ring, 017, Viton, 90D	
13	102-10031-C	1	Seal, check valve	
14	102-10009-R	1	Nose	
15	102-10027-C	1	Spring, 0.73x8x0.040	
16	102-10026-C	1	Dart, check	

Design specification			
Nominal OD	1.0" (25.4mm)	Factory acceptance	API962
Total length	13.5 (343 mm)	Max gas flow rate	2 mmscf/min
Port type	Square edge	Max liquid flow rate	1 BBL/min
Port sizes	1/8-5/16"	Validation tested	API962
Latch thread	11/16-16-UN-2A	Setting retrieval	Wireline
Valve material	17-4PH DH1150/SS316	Quality control grade	API962
Seal material	Viton 90D	Functional testing grade	API962
Service	Standard/H2SCO2	Max check valve pressure	10KSI 17-4PH DH1150
Gas lift mandrel	Wirelineretrievable		
Pressure rating max	0-2200 PSI dome		
Temperature rating	300 F max		



Back check pressure rating as follows:  
 SS 316 4,300 PSI  
 17-4PH DH1150 10,000 PSI  
 Other materials available upon request

<b>ELC Energy Services LLC</b>  <small>Proprietary note The information contained herein is the confidential property of ELC Energy Services LLC and its affiliates. It is to be used only for the benefit of ELC and should not be reproduced or used for any other purpose without written consent of ELC Energy Services LLC.</small>	Material 17-4PH DH1150		Title ELCZ-OR 1" wireline retrievable orifice valve			
	Heat treat NA		Unless otherwise specified			
	Coating NA		All angles 45°		X. +/- 0.0063"	Fractional +/- 1/64"
	Weight Lb		Thread entry/exit 45°		X.X +/- 0.025"	Angular +/- 0.5°
Drw: ZS	Changes from previous revision denoted by $\Delta$	Dimensions in inches	Dimensions in ( ) are in mm	X.XX +/- 0.010"	Surf. finish 0.125	
Ckd: MSJ		Corners R0.005 max		Break edges 0.005 max	T.I.R. 0.005" max	
App: MSJ		3rd angle projection	Dwg size	Scale	Do not scale	
Date: 9/9/2024		Drawing Number 081-123-XX20-04		Rev 0	Sheet 1	