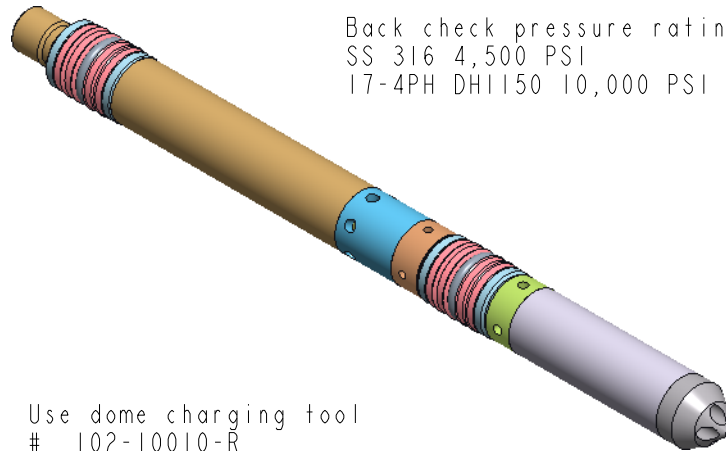


Item	Part number	Qty	Part name	Note
1	102-10001-R	1	Dome	
2	FREUDENBERG2709-00	1	freudenberg2709-00.asm	
3	102-10003-R	1	Washer copper ODO 11/32x1/16	
4	102-10002-R	1	Plug, tail	
5	Z01090D	1	O-Ring 010, 90D Viton.prt	
6	102-10003-C	1	Sub, inlet	
7	102-10007-C	1	Seal, fortress	
8	Z01690DV	1	O ring 016, 90D, Viton*	
9	X10001	1	Valve, Dillcore, Nitrile	
10	102-XXXX-C	1	Bellow AB 0.31 3Ply M400	
11	102-10004-R	1	Guide, bellow	
12	102-10005-R	1	Snorkel	
13	102-10014-C	1	Subassembly stem,XXX,TC	
14	102-10006-C	1	Bkp ring 017 TFM*	
15	102-10007-R	1	Body, lower packing	
16	102-10006-C	1	Bkp ring 017 TFM*	
17	FREUDENBERG2709-00	1	freudenberg2709-00.asm	
18	Z01490DV	1	O ring 014, 90D, Viton	
19	102-10011-R	1	102-10011-r.prt	
20	100-10008-C	1	Ring, retaining, 1.0 Copper	
21	100-S1XXX-TC-1	1	Seat, 1.0, TC	
22	Z11175DV	1	O ring 111, 90D, Viton	
23	102-10023-C	1	Housing check	
24	Z01890DV	1	O, ring, 018, Viton, 90D	
25	Z01790DV	1	O ring, 017, Viton, 90D	
26	102-10031-C	1	Seal, check valve	
27	102-10009-R	1	Nose	
28	102-10027-C	1	Spring, 0.73x8x0.040	
29	102-10026-C	1	Dart, check	

Design specification			
Nominal OD	1.0" (25.4mm)	Factory acceptance	API9G2
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	API19G2
Latch thread	11/16-16-UN-2A	Setting retrieval	Wireline
Valve material	Monel 400/SS316	Quality control grade	API19G2
Seal material	Viton 90D	Functional testing grade	API19G2
Service	Standard/H2SC02	Max check valve pressure	10KSI
Gas lift mandrel	Wirelineretrieveable		
Pressure rating max	0-2200 PSI dome		
Temperature rating	300 F max		



Back check pressure rating as follows:
 SS 316 4,500 PSI
 17-4PH DH1150 10,000 PSI

Use dome charging tool
 # 102-10010-R

ELC Energy Services LLC <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 SS316	Title ELCZ-IR 1" wireline retrievable IPO GLV		
	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 Δ	Dimensions in inches	Dimensions in mm	X.XX +/- 0.010"
Ckd: MSJ		Surf. finish 0.125	X.XXX +/- 0.005"	T.I.R. 0.005" max
App: ZS		Corners R0.005 max	Break edges 0.005 max	Dwg size Scale Do not scale
Date: 1/24/2021		3RD angle projection	Drawing Number 051-122-0321-01	Rev 2 Sheet 1