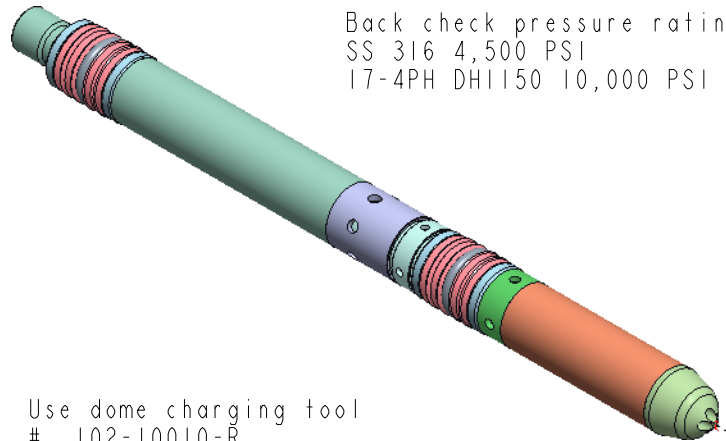


Item	Part number	Qty	Part name	Note
1	102-10154-R	1	Dome	
2	FREUDENBERG2709-00	1	freudenberg2709-00.asm	
3	102-10003-R	1	Washer copper ODO 11/32x1/16	
4	102-10002-R	1	Plug, tail	
5	Z01090D	1	O-Ring 010, 90D.prt	
6	X10001	1	Valve, Dillcore, Nitrile	
7	102-10146-R	1	Inlet sub	
8	102-10007-C	1	Seal, fortress	
9	Z01690DV	1	O ring 016, 90D	
10	102-XXXX-C	1	Bellow AB 0.31 3Ply M400	
11	102-10148-R	1	Bellow guide	
12	102-10005-R	1	Snorkel	
13	102-10014-C	1	Subassembly stem,025,TC	
14	102-10006-C	1	Bkp ring 017 TFM*	
15	102-10153-R	1	Body, lower packing	
16	102-10048-R	1	Packing sub	
17	102-10006-C	1	Bkp ring 017 TFM*	
18	FREUDENBERG2709-00	1	freudenberg2709-00.asm	
19	Z01490DV	1	O ring 014, 90D, Viton	
20	102-10046-R	1	Check dart housing	
21	102-10031-C	1	Seal, check valve	
22	102-10050-R	1	Cross over nose	
23	102-10027-C	1	Spring,0.73x8x0.040	
24	102-10026-C	1	Dart, check	
25	Z01790DV	1	O ring, 017, Viton, 90D	
26	Z01890DV	1	O, ring, 018, Viton, 90D	

Design specification			
Nominal OD	1.0" (25.4mm)	Factory acceptance	API9G2
Total length	13.26 (336.5 mm)	Max gas flow rate	2 mmscf/min
Port type	Conical	Max liquid flow rate	1 BBL/min
Port sizes	3/16"	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/H2SCO2	Max check valve pressure	10KSI
Gas lift mandrel	Wirelineretrievable		
Pressure rating max	0-2200 PSI dome		
Temperature rating	300 F max		



Back check pressure rating as follows:
 SS 316 4,500 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	17-4PH DH1150	Title			ELCZ-IR 1" wireline retrievable IPO GLV with cross over seat			
	Heat treat	NA	Unless otherwise specified						
	Coating	NA	All angles 45°		X.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 () are in mm	X.XX +/- 0.010"	Surf. finish 0.125			
	Ckd: MSJ		Corners R0.005 max		Break edges 0.005 max	Dwg size	Scale	Do not scale	
	App: MSJ		3RD angle projection		Drawing Number	051-123-0211-17	Rev	0	Sheet
	Date:	1/6/2024							