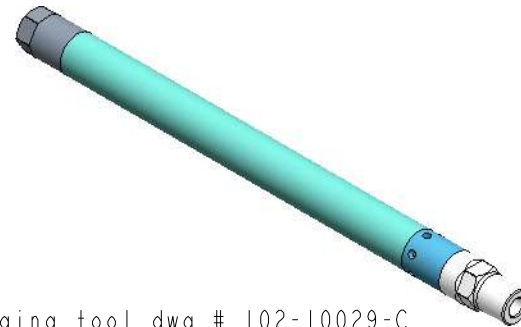


Nr.	Part number	Qty	Part name	Note
1	102-10010-C	1	Plug, tail	
2	102-10002-C	1	Housing, dome	
3	Z01490DV	1	O ring 014, 90D, Viton	
4	Z01490DV	1	O ring 014, 90D, Viton	
5	X10001	1	Valve, Dillcore, Nitrile	
6	102-10003-C	1	Sub, inlet	
7	102-XXXX-C	1	BellowAB 0.31 3Ply M400	
8	Z01690DV	1	O ring 016, 90D, Viton*	
9	102-10006-C	1	Bkp ring 017 TFM*	
10	102-10006-C	1	Bkp ring 017 TFM*	
11	102-10004-C	1	Guide, bellow	
12	102-10014-C	1	Subassembly stem,XXX,TC	
13	102-10007-C	1	Seal, fortress	
14	102-10009-C	1	Housing, seat	
15	100-10008-C	1	Ring, retaining,1.0 Copper	
16	100-S1XXX-TC-1	1	Seat, 1.0, TC	
17	Z11175DV	1	O ring 111, 90D, Viton	

Design specification			
Nominal OD	1.0" (25.4mm)	Factory acceptance	API9G2
Total length	14.03(356.3mm)	Max gas flow rate	2 mmscf/min
Port type	Square edge	Max liquid flow rate	1 BBL/min
Port sizes	1/8-3/8"	Validation tested	
Latch thread	NA	Setting retrieval	Tubing
Valve material	Monel 400/SS316	Quality control grade	API19G2
Seal material	Viton 90D	Functional testing grade	API19G2
Service	Standard/H2SCO2		
Gas lift mandrel	Conventional		
Pressure rating max	0-2800 PSI dome		
Temperature rating	300 F max		



Use dome charging tool dwg # 102-10029-C

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 LLC and should not be reproduced or used for any other purpose without written consent of ELC Energy Services LLC.</small>	Material: SS316		Title: ELCZ-IC 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 revisions denoted by	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: ZS		Dwg size		Scale	Do not scale
	Date: 9/29/2020	3Rd angle projection	Drawing Number 031-121-0321-01		Rev	Sheet