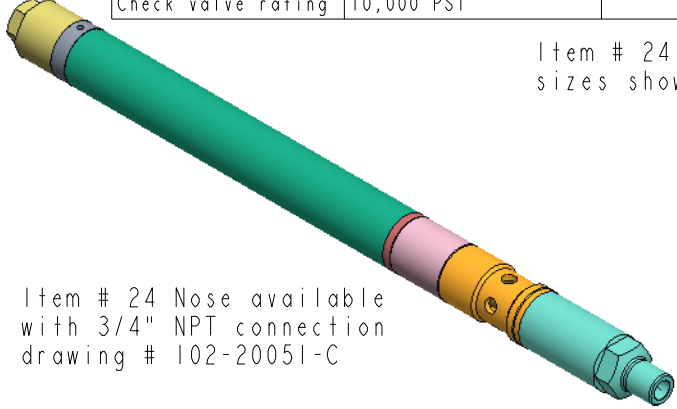


Nr	Part number	Qty.	Part name	Note
1	102-20010-C	1	Housing, Dill core	
2	102-20001-C	1	Plug, tail	
3	Z02290DV	1	O-Ring022, Viton, 90D	
4	Z02390DFFKM	1	O-Ring 023 V, 90D	
5	X10001	1	Valve, Dillcore Nitrile*	
6	103-20003-R	1	Dome housing	
7	BU025TFM	1	Ring bkp, 025, TFM	
8	Z02590DV	1	O-Ring025, Viton, 90D*	
9	BU025TFM	1	Ring bkp, 025, TFM	
10	103-20004-R	1	Upper packing body	
11	Z02690DV	1	O-Ring,02690dv.prt	
12	103-20005-R	1	Inlet sub	
13	102-S2XXX-TC-15	1	TCport-15-OD0950	
14	Z211690DV	1	O-Ring 116, Viton 90D	
15	Z02690DV	1	O-Ring,02690dv.prt	
16	102-20050-C	1	Insert 1	
17	102-20008-C	1	Seal, fortress	
18	BU025TFM	1	Ring bkp, 025, TFM	
19	Z02590DV	1	O-Ring025, Viton, 90D*	
20	BU025TFM	1	Ring bkp, 025, TFM	
21	100-20100-AB	1	Bl1wAB,0.31, 3ply Inc625	
22	103-20001-R	1	Guide, bellow	
23	103-20006-R	1	Stem	
24	102-20068-C	1	Subassembly stem/balTC, 0500	
25	102-20053-C	1	Nose	
26	Z02490DV	1	O-Ring 024, 90D,Viton *	
27	Z02490DV	1	O-Ring 024, 90D,Viton *	
28	102-20027-C	1	Retainer, seal	
29	102-20022-C	1	Seal, check valve *	
30	102-20017-C	1	Ring, retaining	
31	102-20024-C	1	Spring,0.072x1.12x0.976	
32	102-20021-C	1	Dart, check	

Design specification			
Nominal OD	1.5" (38.1mm)	Factory acceptance	API9G2
Total length	21.14" (537 mm)	Max gas flow rate	6 mmscf/min
Port type	Square edge	Max liquid flow rate	2 BBL/min
Port sizes	0.187-0.5"	Validation tested	
Latch thread	1-1/16-18-UNF-2A	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	Wireline retrievable		
Pressure rating max	0-2800 PSI dome		
Temperature rating	300 F max		
Check valve rating	10,000 PSI		



Item # 24 available stem/port sizes shown on dwg # 102-20026-C

Item # 24 Nose available with 3/4" NPT connection drawing # 102-20051-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		
	Heat treat	NA	ELCZ-R2 gas lift valve conversion to C-2		
	Coating	NA	Unless otherwise specified		
	Weight	Lb	All angles 45°	X. +/- 0.0063"	Fractional= +/- 1/64"
	Drw:	ZS	Thread entry/exit 45°	X.X +/- 0.025"	Angular +/- 0.5°
	Ckd:	MSJ	Dimensions in inches	X.XX +/- 0.010"	Surf. finish 0.125
	App:	ZS	Dimensions in () are in mm	X.XXX +/- 0.005"	T.I.R. 0.005" max
	Date:	10/26/2023	Corners R0.005 max	Break edges 0.005 max	Dwg size Scale Do not scale
			3Rd angle projection	Drawing Number 132-121-0321-01	Rev 3 Sheet 1