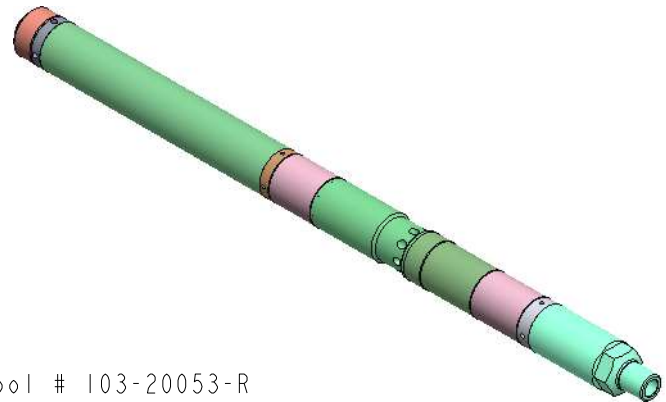


Nr	PART NUMBER	QTY	NAME	NOTES
1	103-20009-R	1	Dill core valve body	
2	103-20050-R	1	Pilot dome	
3	102-20052-C	1	Insert 2	
4	103-20010-R	1	Plug, tail	
5	BU025TFM	2	Ring bkp, 025, TFM	
6	Z02590DV	1	O-Ring025, Viton, 90D*	
7	Z01590DV	1	O-Ring015, Viton 90D*	
8	X10001	1	Valve, Dillcore Nitrile*	
9	103-20051-R	1	103-20051-r.prt	
10	Z02690DV	4	O-Ring,02690dv.prt	
11	102-20050-C	1	Insert 1	
12	103-20035-R	1	Inlet sub	
13	102-10006-C	2	Bkp ring 016 TFM*	
14	Z01690DV	1	O-Ring 016,90D, Viton*	
15	102-XXXX-C	1	BellowAB 0.31 3Ply M400	
16	103-20048-R	1	Stem	
17	103-10010-R	1	Washer0218Ball	
18	Z01990DV	1	z01990dv.prt	
19	Z02390DFFKM	1	z02390dffkm.prt *	
20	103-20037-R	1	Port housing	
21	103-10002-C	1	Seat, conical	
22	102-10020-C	1	Stem, 0.187"	
23	102-10007-C	1	Seal, fortress *	
24	102-20052-R	1	Spring X-750	
25	103-20039-R	1	Power stem 1	
26	103-20045-R	2	Glyd ring	
27	103-20048-R	1	Stem seal	
28	103-20038-R	1	Power stem 2	
29	Z02490DV	4	O-Ring 024, 90D,Viton *	
30	102-20022-C	2	Seal, check valve *	
31	103-20056-R	1	103-20056-r.prt	
32	102-20055-C	1	102-20055-c.prt	
33	103-20055-R	1	103-20055-r.prt	
34	103-20044-R	1	Dart, check	
35	Z02090DV	1	z02090dv.prt	
36	102-20027-C	2	Retainer, seal	
37	102-20056-C	1	102-20056-c.prt	
38	103-20058-R	1	103-20058-r.prt	
39	102-20021-C	1	Dart, check	

Design specification			
Nominal OD	1.5" (38.1 mm)	Factory acceptance	API9G2
Total length	24.09" (612 mm)	Max gas flow rate	4 mmscf/min
Port type	Square edge	Max liquid flow rate	1.5 BBL/min
Port/ball sizes pilot section	0.063/0.219-0.375"	Validation tested	API19G2
Latch thread	1-1/16-18-UNEF-2A	Setting retrieval	Wireline
Valve material	Monel 400/SS316	Quality control grade	API19G2
Seal material	Viton 90D	Functional testing grade	API19G2
Service	Standard/H2SCO2	Power section flow area	
Gas lift mandrel	Wireline retrievable	equivalent to	0.500" port
Pressure rating max	0-2200 PSI dome		
Temperature rating	300 F max		



Note
 Use dome charging tool # 103-20053-R
 * designates valve redress items

ELC Energy Services LLC		Material	Title		
		SS 316	CPV-2R, 1.5" pilot valve tubing retrievable		
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.		Heat treat	Unless otherwise specified		
		NA			
		Coating	All angles 45°		
		NA	X. +/- 0.0063"	Fractional= +/- 1/64"	
		Weight Lb	Thread entry/exit 45°		
		NA	X.X +/- 0.025"	Angular +/- 0.5°	
		Draw: ZS	Dimensions in inches	Dimensions in () are in mm	X.XX +/- 0.010"
		Cahnges from previous rev is denoted by Δ	X.XXX +/- 0.005"	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: 8/11/2022	3Rd angle projection	Drawing Number	102-121-0221-01
				Rev	0
				Sheet	1/2