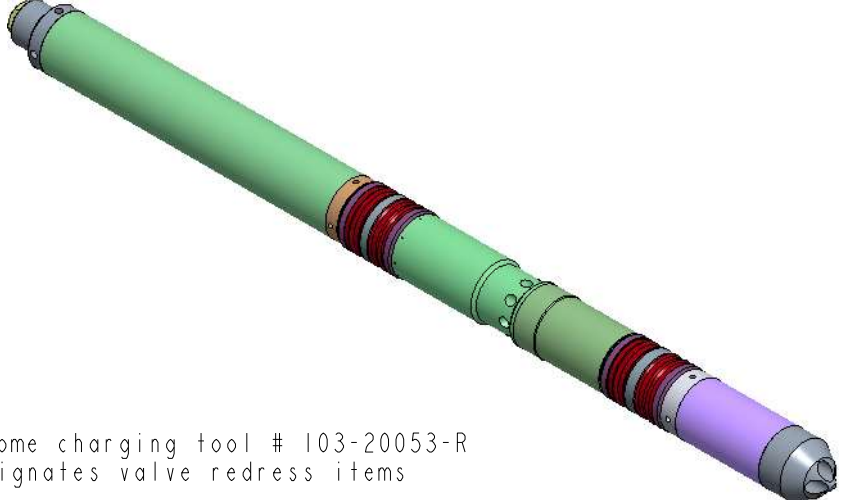


Nr	PART NUMBER	QTY	NAME	NOTES
1	103-20009-R	1	Dill core valve body	
2	103-20010-R	1	Plug, tail	
3	BU025TFM	2	Ring bkp, 025, TFM	
4	Z02590DV	1	O-Ring025, Viton, 90D*	
5	Z01590DV	1	O-Ring015, Viton 90D*	
6	X10001	1	Valve, Dillcore Nitrile*	
7	103-20050-R	1	Pilot dome	
8	103-20051-R	1	Upper packing body	
9	102-10006-C	2	Bkp ring 016 TFM*	
10	Z01690DV	1	O-Ring 016, 90D, Viton*	
11	UP-15-INCH	1	PackingUpper15*	
12	102-XXXX-C	1	BellowAB 0.31 3Ply M400	
13	103-20048-R	1	Stem	
14	103-10010-R	1	Washer0218Ball	
15	Z01990DV	1	O-Ring 019, 90DV	
16	103-20035-R	1	Inlet sub	
17	Z02390DFFKM	1	O-Ring 023, 90DV	
18	103-20037-R	1	Port housing	
19	103-10002-C	1	Seat, conical	
20	102-10020-C	1	Stem, 0.187"	
21	102-10007-C	1	Seal, fortress *	
22	102-20052-R	1	Spring X-750	
23	103-20039-R	1	Power stem 1	
24	103-20045-R	2	Glyd ring	
25	103-20048-R	1	Stem seal	
26	103-20038-R	1	Power stem 2	
27	Z02490DV	4	O-Ring 024 Viton *	
28	102-20022-C	2	Seal, check valve *	
29	103-20056-R	1	Lower packing body	
30	LP-15-INCH	1	PackingLower15*	
31	103-20044-R	1	Dart, check	
32	Z02090DV	1	O-Ring 020, 90DV	
33	103-20055-R	1	Lower adapter	
34	102-20027-C	2	Retainer, seal	
35	103-20057-R	1	Lower check body	
36	103-20058-R	1	Spring	
37	102-20021-C	1	Dart, check	
38	104-20019-R	1	Nose	


Design specification			
Nominal OD	1.5" (38.1 mm)	Factory acceptance	API9G2
Total length	22.1" (561 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	SS 316	Title					
	Heat treat	NA	RPV-2R, 1.5" pilot valve wireline retrievable					
<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>	Coating	NA	Unless otherwise specified					
	Weight Lb	NA	All angles 45°		X.X +/- 0.0063"	Fractional= +/- 1/64"		
			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	
				Corners R0.005 max	Break edges 0.005 max	X.XXX +/- 0.005"	T.I.R. 0.005" max	
	App:	ZS		Dwg size	Scale	Do not scale		
	Date:	7/27/2022		3Rd angle projection	Drawing Number	114-123-0321-01	Rev 0	Sheet 1/2

Dome pressure PSI	TROP-Test rack opening pressure PSI					Note
	Ball size fraction/decimal, Inch					
	1/8-0.125	7/32-0.218	1/4-0.250	5/16-0.312	3/8-0.375	
500						
750						
1000						
1250						
1500						
1750						
2000						
2200						

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 NA		Title RPV-2R, 1.5" pilot valve wireline retrievable			
	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		3Rd angle projection	Drawing Number	Scale	Do not scale
	Date: 7/27/2022			Drawing Number	114-123-0321-01	Rev 0
						Sheet 2/2