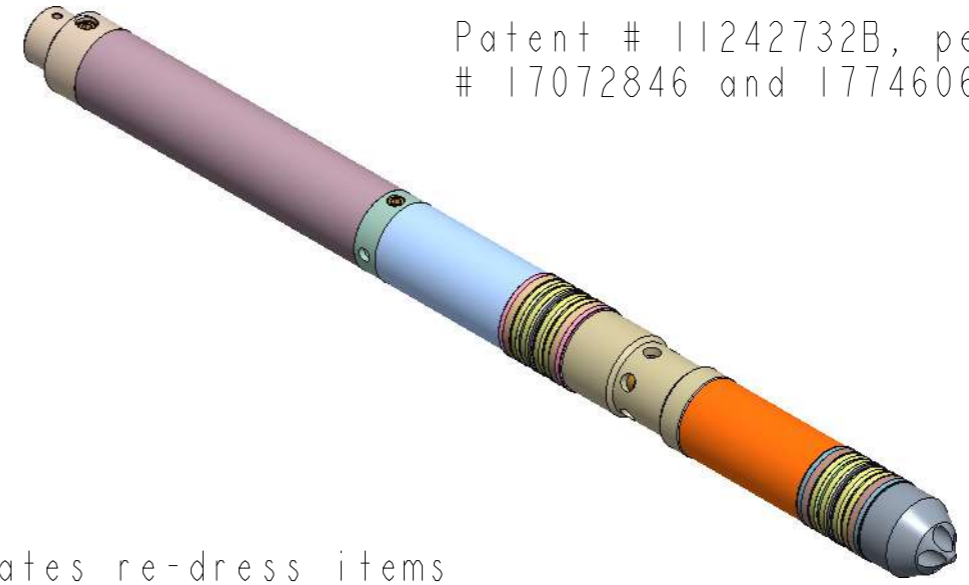


Nr.	Part number	Qty.	Part name	Note
1	105-10045-R	1	Bellow subassembly	
2	105-10029-R	1	Dome	
3	104-20000-R	1	Housing AFO plug *	
4	104-20009-R	1	1-16-NPT set screw	
5	105-10014-R	1	#8x0.187 set screw *	
6	AFO15	1	LeePlugAFO-PLAX0505950B	
7	105-10017-R	1	BKPFdb-10066087-32 *	
8	Z02390DFFKM	1	z02390dffkm.prt *	
9	105-10017-R	1	BKPFdb-10066087-32 *	
10	105-10017-R	1	BKPFdb-10066087-32 *	
11	Z02390DFFKM	1	z02390dffkm.prt *	
12	105-10017-R	1	BKPFdb-10066087-32 *	
13	105-10015-R	1	Upper Pkg Housing	
14	105-10017-R	1	BKPFdb-10066087-32 *	
15	Z02390DFFKM	1	z02390dffkm.prt *	
16	105-10017-R	1	BKPFdb-10066087-32 *	
17	105-10011-R	1	Set screw #6x0.125 *	
18	THINUPPER15	1	TPC-1556.00-Freudenberg *	
19	104-20036-R	1	Inlet sub	
20	Z02490DV	1	O-Ring 024, 90D,Viton *	
21	104-20006-R	1	Body, lower packing	
22	Z02490DV	1	O-Ring 024, 90D,Viton *	
23	102-20022-C	1	Seal, check valve *	
24	102-20027-C	1	Retainer, seal	
25	102-20024-C	1	Spring,0.072x1.12x0.976	
26	102-20021-C	1	Dart, check	
27	THINI5LOWER	1	TPC-1557.00-Freudenberg *	
28	103-20032-R	1	Nose	
29	100-2XXX-TC-15-TSMS	1	TSMS seats 1.5	
30	BELVILLECDS-105159	1	belvillecds-105159.prt	
31	104-20037-R	1	Regulator nut	
32	104-20038-R	1	Jam nut TSMS	
33	105-10041-R	1	105-10041-r.prt	
34	102-20026-C	1	Subassembly, stem, XXX,TC	
35	Z2-11590DFFKM	1	z2-11590dffkm.prt	
36	Z02090DFFKM	1	z02090dffkm.prt	
37	104-20039-R	1	Retaining ring	
38	105-10042-R	1	BKP-Freud TBD	
39	105-10042-R	1	BKP-Freud TBD	
40	BELVILLECDS-105159	1	belvillecds-105159.prt	

Design specification			
Nominal OD	1.5" (38.1mm)	Factory acceptance	API9G2
Total length	21.4" (543 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 Inc718-120KSI	Quality control grade	API19G2
Seal material	90D FFKM	Functional testing grade	API19G2
Service	Standard/H2SCO2		
Gas lift mandrel	Wireline retrievable		
Pressure rating max	0-10,000 PSI dome		
Temperature rating	300 F max		
Check valve rating	10,000 PSI		



Patent # 11242732B, pending patents # 17072846 and 17746060 protected

\* indicates re-dress items

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	Heat treat	NA	1.5" HP-TSMS-DEWB GLV			
	Coating	NA	Unless otherwise specified			
	Weight	Lb NA	All angles 45°		X. +/- 00063"	Fractional=1/64"
	Drw:	ZS	Thread entry/exit 45°		X.X +/- 0.025"	Angular +/- 0.5°
	Ckd:	MSJ	Dimensions in inches	Dimensions in ( ) are in mm	X.XX +/- 0.010"	Surf. finish 0.125
	App:	ZS	Cahnges from previous rev is denoted by		X.XXX +/- 0.005"	T.I.R. 0.005" max
	Date:	11/4/2022	Corners R0.005 max	Break edges 0.005 max	Dwg size	Scale Do not scale
			3Rd angle projection	Drawing Number	122-223-0425-03	Rev 0 Sheet 1