











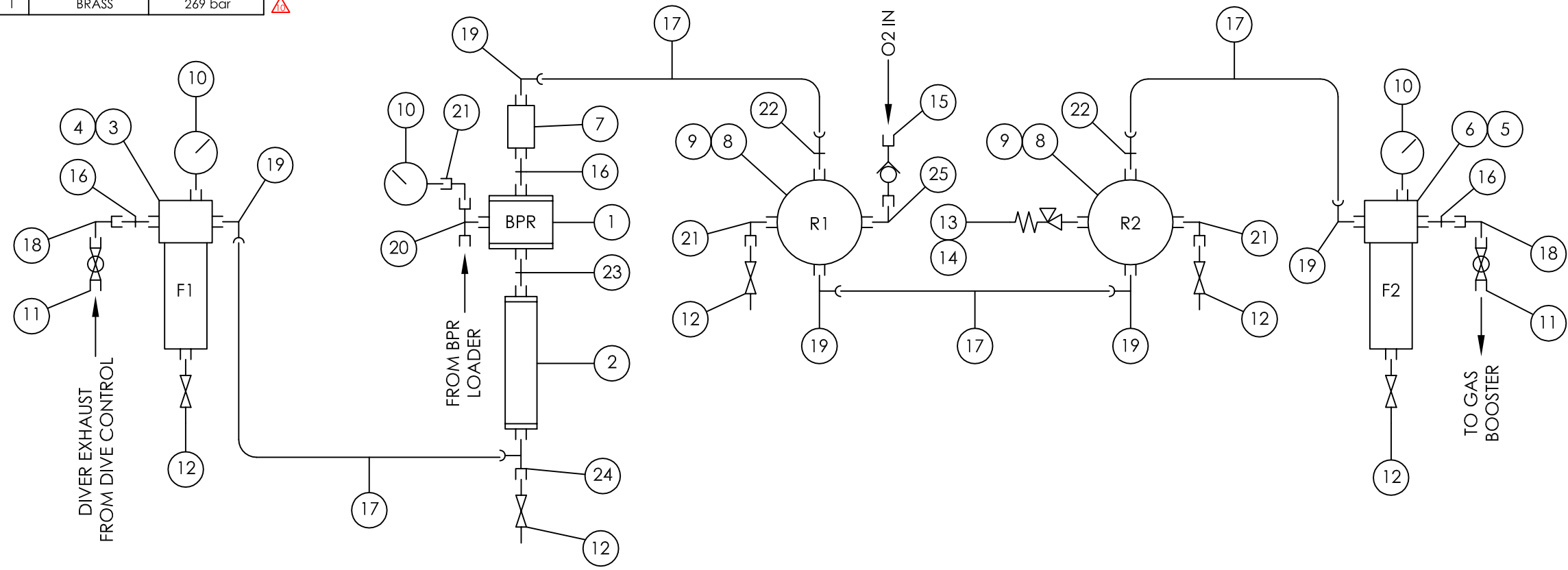



ITEM No	PART No.	DESCRIPTION	QTY.	MATERIAL.	M.A.W.P.
1	C1221C	BPR ASSEMBLY	1	SEE B81221S1	SEE B81221S1
2	C1306A	FLOAT/CHECK VALVE ASSEMBLY	1	SEE P180581306S1	SEE P180581306S1
3	C2277	FILTER HOUSING ASSEMBLY (LONG)	1	SEE P180542S1	SEE P180542S1
4	FE002	1 MICRON FILTER ELEMENT	1	-	-
5	C1143	FILTER HOUSING ASSEMBLY (SHORT)	1	SEE P180541S1	SEE P180541S1
6	FE003	0.01 MICRON FILTER ELEMENT	1	ALUMINIUM ALLOY	200 bar
7	DM23620	FLOW SWITCH	1	SEE 82362S1	1500 psi
8	MC046	RECEIVER BOTTLE	2	-	200 bar
9	DM1308	RECEIVER ADAPTOR	2	SEE B81308S1	SEE B81308S1
10	GP252	PRESSURE GAUGE, 0-1000 PSI, 1/4" NPT(M) BTM ENTRY	3	-	1000 psi
11	DM13550	BALL VALVE, 3/4" NPT(F)	2	316 ST ST	70 bar
12	VS201	SHUT-OFF VALVE, 1/4" NPT(M)	5	BRASS	161 bar
13	VR293	RELIEF VALVE, 1/4" TUBE - 1/4" NPT, 1100 PSI	1	ST ST	384 bar
14	VM029	SPRING FOR NUPRO RELIEF VALVE, 750-1500 PSI	1	-	-
15	VC202	VALVE, CHECK, 1/4" FNPT	1	BRASS	207 bar
16	NP604	RED NIPPLE, 3/4" NPT - 1/2" NPT(M)	3	PLATED BRASS	241 bar
17	TM698	TUBE, SEAMLESS, 3/4" O/D. X 0.065" W/T.	AS REQ.	316 ST ST	225 bar
18	NP601	STREET ELBOW, 3/4" NPT(F) - 3/4" NPT(M)	2	PLATED BRASS	131 bar
19	FS697	ELBOW CONNECTOR, 3/4" TUBE - 1/2" NPT(M)	5	ST ST	400 bar
20	FP289	MALE BRANCH TEE, 1/4" NPT(F) - 1/4" NPT(M)	1	ST ST	386 bar
21	NP204	STREET ELBOW, 1/4" NPT(F) - 1/4" NPT(M)	3	PLATED BRASS	220 bar
22	FS688	MALE CONNECTOR, 3/4" TUBE - 1/2" NPT(M)	2	ST ST	400 bar
23	NP602	NIPPLE, 3/4" NPT(M)	1	PLATED BRASS	241 bar
24	DM1610	MALE ELBOW (MODIFIED FS698)	1	ST ST	400 bar
25	FP205	MALE ELBOW, 1/4" NPT(M)	1	BRASS	269 bar

SEE NOTE 1
 SEE NOTE 1 & 3
 SEE NOTE 1
 SEE NOTE 1
 SEE NOTE 1
 SEE NOTE 1
 SEE NOTE 1
 SEE NOTE 2 














- NOTES:
- THESE ITEMS ARE PRESSURE VESSELS DESIGNED AND TESTED IN ACCORDANCE WITH PD5500:2018
 - RELIEF VALVE TO BE SET PRIOR TO INSTALLATION IN ACCORDANCE WITH GEN-WP-021. SEE RELEVANT ASSEMBLY, INSPECTION AND TEST PLAN.
 - ITEM 2 TO BE INSTALLED AS A FLOAT VALVE WITH GAS FLOW FROM THE BOTTOM

MATERIAL	N/A	 DENOTES CHANGES MADE AT THIS REVISION				TITLE		
FINISH	N/A	R10	PRESSURES & PART NUMBERS UPDATED C/M BOM	24526	SR	05/12/19	AB	
ALL DIMENSIONS ARE IN mm (UOS) ALL DIMENSIONS BEFORE PLATING (UOS) REMOVE ALL SHARP EDGES AND BURRS		R09	NOTE 3 ADDED	23343	SD	18/03/19	AN	
		R08	NOTES UPDATED	18445	JR	02/10/15	PB	
		R10	ISSUED FOR MANUFACTURE					
MACHINING TOLERANCE	FABRICATION TOLERANCE	REV	DESCRIPTION	ECN	BY	DATE	AUTH.	
NO DECIMAL PLACE	±1.0	>0	<100	±0.5	THIRD ANGLE PROJECTION			DO NOT SCALE DRAWING
ONE DECIMAL PLACE	±0.2	>100	<500	±1.5	JFD OWNS THE COPYRIGHT OF THIS DOCUMENT AND ANY DESIGN RIGHT HEREIN. IT IS SUPPLIED IN CONFIDENCE AND MUST NOT BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUPPLIED AND MUST NOT BE REPRODUCED WITHOUT PERMISSION IN WRITING FROM THE OWNERS.			DRAWING NO. P180524S1 REV R10
TWO DECIMAL PLACE	±0.05	>500	±3.0	SCALE (UOS)			SHEET 1 OF 1	
ANGULAR TOLERANCE		±0.5°		A2		NTS		

LP GAS SYSTEM SCHEMATIC

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