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THIS IS A COMPUTER AIDED DRAWING AND MUST NOT BE ALTERED MANUALLY

Tolerances except as noted: NS-ISO 2768-1 (COARSE) / DIN 8570-1 (CLASS B) / Welding except as noted

Rev.	Description of revision	Chk.	Appr.	Date / Sign.
01	ISSUED FOR CLIENT ACCEPTANCE	RC	AMR	17-JAN-02/IRU
02	UPDATED AND RE-ISSUED FOR CLIENT ACCEPTANCE	RC	CBO	21-AUG-02/BA
Z	AS BUILT			22-JAN-03/BA

NOTES:

- ITEMS 5-18 TO BE SHIPPED AS LOOSE SUB-ASSEMBLED ITEMS. BELONGING VALVES AND FITTINGS, I.E. ITEMS 5/13/9/11/12 ARE FITTED FOR EASY INSTALLATION. FOR THREAD SEALANT OF ITEMS 8, 12 AND 18, USE GLEITMO 800 OR CORRESPONDING.
- APV IS DESIGNED FOR HORIZONTAL MOUNTING ONLY, I.E. SLOPE = ZERO (0).
- THE DRAIN CONNECTION MARKING MUST POINT DOWNWARDS. THE DIRECTION OF THE DRAIN TUBE CAN BE ADJUSTED BY LOOSENING THE OUTER NUT NV 120, ROTATING THE CENTER NUT NV 75, AND RETIGHTENING THE OUTER NUT.
- ITEMS 14 AND 15 TO BE VARNISHED WITH TRANSPARENT LACQUER WHEN MOUNTED TO BOTTLE.
- DRY WEIGHT (INCL. FITTINGS AND VALVES), APPROX.: 1800 kg
- BOLTS RECOMMENDED FOR FASTENING BRACKETS: 24 OFF M24x70, DIN 933-8.8, GALV. WITH NUTS DIN 934-8, GALV. (YARD SUPPLY). TIGHTENING TORQUE RECOMMENDED: 666Nm
- PARTS LIST BELOW SHOWS ITEMS NEEDED FOR ONE BOTTLE. 4 BOTTLES ARE INCLUDED THIS DELIVERY. TO BE COLLECTED TO ONE UNIT/RACK AS DESCRIBED IN INSTALLATION PROCEDURE, DOC. 78295-R-YD34-KA090-0100.

Item	Description	Qty.	Unit weight	Part number
1	18 SWIVEL NIPPLE (1/4" R INT. 1/4" R INT.)	700-04-316	15674	
1	17 REDUCER NIPPLE (1/4" R EXT. 1/2" R EXT.)	202-04-08-316	15527	
1	16 O-RING 2"	214-32	13046	
2	15 SPLIT FLANGE 2"	944-32-32	24909	
4	14 HEX. HEAD BOLT M20x70	DIN 931 8.8 HOT DIP GALV.	12992	
1	13 DOWTY SEAL 1/4"	216-04-316	28698	
1	12 REDUCER	RI 1"-1/2", TYPE 1.	28610	
1	11 FEM. SWIVEL CONN.	6030-08-08-316	27580	
1	10 FEM. SWIVEL CONN.	6030-10-08-316	28695	
1	9 FEM. CONN.	6020-08-04-316	28697	
1	8 MALE CONN.	6010-10-08-316	28032	
2	7 NEEDLE VALVE 1/2"	NS4GAT	27779	
1	6 BALL VALVE	2" H.P. VALVE W/SAE-6000 Psi	27273	
1	5 RELIEF VALVE 1/4"	RL25P-MI-G-6K	28650	
1	4 PLUG	SUPPLIED W/ITEM 1.	-	
1	3 PLUG	SUPPLIED W/ITEM 1.	-	
2	2 BRACKET	SUPPLIED WITH ITEM 1	122.0	
1	1 PRESSURE VESSEL 1000 Ltr		1530	

PROJECT NO	DISC	PRODUCT CODE	DOC TYPE	SEQUENCE NUMBER	REV.
78295	R	YD341	XD	3855057	Z

MSV REGALIA	APV-1000 LTR.-207 BAR-HORIZONTAL SUB ASSEMBLY
MSV REGALIA	APV-1000 LTR.-207 BAR-HORIZONTAL SUB ASSEMBLY
Formal	Drawing number
A1	MH 3855057
Replaces	Replaced by

REV.	DATE	REASON FOR ISSUE	PREPARED	CHECKED	APPROVED
Z	22.01.03	AS BUILT	BA	AMR	RC
02	21.08.02	RE-ISSUED FOR PROJECT ACCEPTANCE	BA	RC	CBO
01	17.01.02	FOR PROJECT ACCEPTANCE	IRU	RC	AMR

Date	Drawn	Traced	Scale
15.10.01	IRU		1:10
Checked	Approved	Projection	
RC	AMR		

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78295	R	YD341	XD	3855057	Z