



REF	DRG No.	DESCRIPTION	QTY	REMARKS
1	001-12888	DN40 TEE	2	
2	001-14202	M8 T-NUT (HEPCO HTN M8)	16	
3	001-14360	MDC UHV BURST DISK	1	
4	001-15072	VAT ALL METAL VALVE SERIES 54	1	
5	048-037-01-B	34 OD FIXED KNIFE EDGE FLANGE - BLANK	1	
6	048-037-13-B	152 OD FIXED KNIFE EDGE FLANGE - BLANK	1	
7	048-037-13-BT	152 OD FIXED KNIFE EDGE FLANGE - BLANK - TAPPED	2	
8	289-10307	ADJUSTING PLATE	6	
9	289-10308	BRASS TIPPED STEEL SET SCREW M12x100 (ONDRIVES GNI3858)	4	
10	289-10309	WIXROYD PUSHER SCREW - M8 x 65 (3416.W290)	6	
11	289-10346	M6 SLOT SCREW ADAPTOR	4	
12	289-10351	CORRECTOR COIL SUPPORT	1	
13	289-10427	MAGNET SUPPORT ASSEMBLY	2	
14	289-10452	VESSEL SUPPORT BEAM	1	
15	289-10453	VESSEL SUPPORT BEAM	1	
16	289-10591	COLD CATHODE SENSOR	1	
17	289-10592	PIRANI SENSOR	1	
18	289-10774	C6 CORRECTOR MAGNET	1	
19	289-10839	VACUUM VESSEL DG2	1	
20	289-10871	GIRDER / PEDISTAL ASSEMBLY	1	
21	289-10939	NextTorr 500 PUMP	1	
22	289-11435	Q7C100 QUADROPOLE MAGNET	1	
23	289-11436	Q7C101 QUADROPOLE MAGNET	1	
24	289-11568	ADJUSTING BLOCK	4	
25	289-11578	ADJUSTING PLATE	4	
26	HHS-040-020	M4 x 20 LG HEX HD SCREW	6	
27	HHS-060-040	M6 x 40 LG HEX HD SCREW	36	
28	HHS-080-025	M8 x 25 LG HEX HD SCREW	16	
29	HHS-080-040	M8 x 40 LG HEX HD SCREW	32	
30	HHS-080-055	M8 x 55 LG HEX HD SCREW	32	
31	HHS-080-060	M8 x 60 LG HEX HD SCREW	8	
32	HHS-120-035	M12 x 35 LG HEX HD SCREW	16	
33	NUT-060	M6 HEX NUT	36	
34	NUT-080	M8 HEX NUT	46	
35	NUT-120	M12 HEX NUT	4	
36	SHS-060-020	M6 x 20 LG HEX SKT HD CAP SCREW	20	
37	SHS-060-035	M6 x 35 LG HEX SKT HD CAP SCREW	4	
38	WAS-040	M4 PLAIN WASHER	6	
39	WAS-060	M6 PLAIN WASHER	72	
40	WAS-080	M8 PLAIN WASHER	126	
41	WAS-120	M12 PLAIN WASHER	4	

RELEASE STATUS	Approved		
WELDING SPEC.		
MATERIAL SPEC.		
MATERIAL	SEE BOM		
TOLERANCES UNLESS OTHERWISE STATED			
LINEAR DIMENSIONS UP TO ± ; OVER ±			
ANGULAR DIMENSIONS ±			
ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED			
TOLERANCING ISO 8015			
DRN.	PMC	SCIENCE AND TECHNOLOGY FACILITIES COUNCIL	
DATE.	10/10/18	DARESBURY LABORATORY	
CKD.	RJS	CHESHIRE	
DATE.	28/11/19	TITLE	
APPD.	RJS	ESS BEAM TRANSPORT	
DATE.	28/11/19	DOG LEG 2 LWU	
		DG2 No2	
		DRG. NO.	SHEET 1 OF 2
		A0	289-10870
		PTG CAD PART No	289-10870
		USED ON	289-10026

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THE ENVELOPE REQUIREMENT © APPLIES TO ALL FEATURES OF SIZE UNLESS OTHERWISE STATED. SEE ISO 14405-1 FOR DETAILS.

A FIRST ISSUE