

Job Title: Equinix FR12.1 Frankfurt		Date: 03 February 2023	
Job Number: 285668-00		Purpose of Issue: D2	
Made by: BP		Revision: P02	
Checked by: DD			

Service		Fuel					
Max Operating Pressure	bar (g)	16	Nominal Operating Temperature	°C	20/32		
System Test Pressure	bar (g)		Max Operating Temperature	°C	40		

Application		Isolating	Isolating	PSV for Fuel system	Motorised Isolating
Type of Valve / Fitting		Butterfly valve	Butterfly valve	Spring loaded	Butterfly Valve
Size (DN)	mm	15-50	65-100	65	65-100
Body Material		Cast Iron	Cast Iron	Cast Iron	Cast Iron
Trim Material		stainless steel	stainless steel	stainless steel	stainless steel
Connection Type		Flanged	Flanged	Flanged	Flanged
Model Reference					
Preferred Manufacturer					
Alternative Manufacturer					
Further Comments		see note 1		see note 4	

Application		Non Return	Non Return	Strainer	Strainer
Type of Valve / Fitting		Swing Check Valve	Swing Check Valve	Y Type	Y Type
Size (DN)	mm	15-50	65-100	15-50	65-100
Body Material		Bronze	Cast Iron	Malleable Iron	Cast Iron
Trim Material			Stainless Steel		
Connection Type		Screwed	Flanged	Screwed	Flanged
Model Reference					
Preferred Manufacturer					
Alternative Manufacturer					
Further Comments					

Application		Flow Regulation	Flow Regulation	Drain	Air Vent
Type of Valve / Fitting		Y Type FODRV	Y Type FODRV	Drain Cock	Globe Valve
Size (DN)	mm	15-50	65-100	15-50	6-50
Body Material		Bronze	Cast Iron	Bronze	Malleable Iron
Trim Material			Stainless Steel		
Connection Type		Screwed	Flanged		
Model Reference					
Preferred Manufacturer					
Alternative Manufacturer					
Further Comments					

Testing		Required	Offered	Samples		Required	Offered
Performance Type Tests		<input checked="" type="checkbox"/>	<input type="checkbox"/>	Type Samples		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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Manufacturer				
Manufacturer	-			
Contact Name	-			
Telephone Number	-			
Fax Number	-			
E-mail Address	-			
Internet Address	-			

Additional Information	Comments
<p>1 Isolating valves should fully lugged butterfly valves.</p> <p>The disc and stem should be made of stainless steel</p> <p>Seal material to be compatible with fluid</p>	<p>PSV - pressure sustaining valve (back pressure regulating valve)</p>
<p>2 All external valves are to be weather proved and suitable for external installation</p>	
<p>3 For pipework configuration refer to schematic</p> <p>FR120-ARP-GT-ZZ-SC-M-FUEL-6101</p>	
<p>4 Motorised valves to be interfaced with the fuel control panel to enable selection of bulk tank for filling / supply / return</p>	