

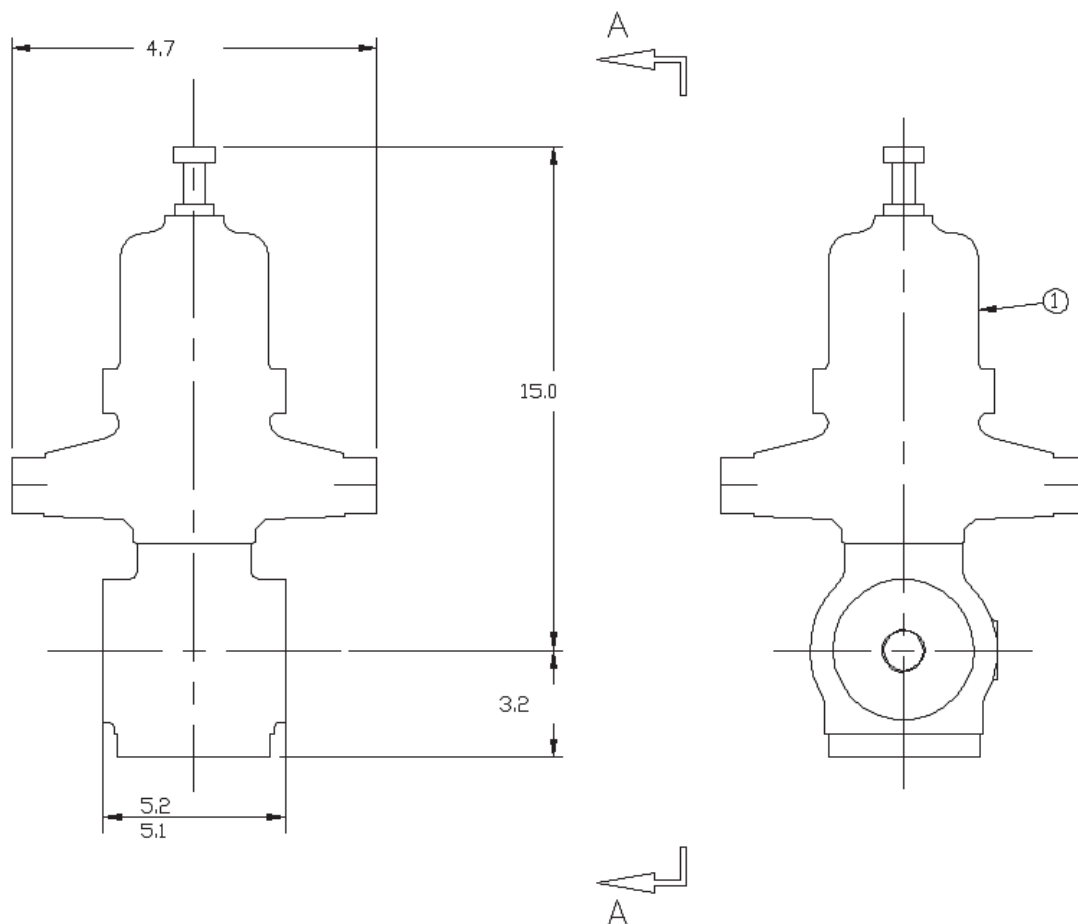
Quote No: SC-CC-040919-001-ELP Customer: RFQ No: CustomerPO:				Project: Glycol Unit LMR-445-18 / MRF-I-049-18			
				End User: Nigerian Agip Oil Company			
				End User Location: Port Harcourt, Nigeria			
				ValSpeQ v 4.11.1a			
Item	Item / Revision		1		Rev		
	Quantity		1				
	Tag No. / Serial No.		3420-PCV-003		/		
General	Service						
	PED 97/23 CE Pass / Category				/		
	Tightness Requirements		ANSI Class VI				
	Power Failure Position						
	Line Size - Schedule - OD - Wall Inlet / Outlet		2 in - 40 - 2.375 - 0.154 / 2 in - 40 - 2.375 - 0.154				
	Process Fluid / Fluid State		Natural Gas		/ Gas		
	Design Press / Design Temp		18 bar g		/ 100 deg C		
Service Inputs	Sizing Conditions		Units	Min	Norm	Max	Other
	Flow Rate		Nm3/h		150	289	
	Inlet Pressure		bar g		18	18	
	Outlet Pressure		bar g		7	7	
	Pressure Drop		bar		11	11	
	Temperature		deg C		22	22	
	Z				0.9497	0.9497	
Service Results	Flowing Cond.						
	required Cv				0.4896	0.9297	
	Sound Level, IEC		dBA		< 70	74	
	% lift				33.8	50.8	
Body Bonnet	Mach No.				0.0252	0.0486	
	FL				0.9138	0.93	
	Model No		172-2208		Body Type		Reducing
	Size		1		Rating / End Conn		ASME CL 300 / Threaded
	Material		A351 gr CF8M (316 st. st.)		Studs / bolting		A193 gr B7 without plating
Trim	Nuts		A194 gr 2H without plating		Gasket Matl		PTFE
	HP Body		A351 gr CF8M (316 st. st.)		Flange		A351 gr CF8M (316 st. st.)
	Cover		A479 type 316				
Actuator	Plug:Ball: Matl		A351 gr CF8M (316 st. st.)		Guide Bushing		A479 ty 304
	Rated Cv		2.2		Plug Screw		-
	Seat Ring Mtl		A351 gr CF8M (316 st. st.)		Disc		316 St. St.
Actuator	Size		120		Diaphragm Matl.:		EPDM
	Set Screw		Bare Set Screw		Spring Range:		5.309 - 10.13 bar g
	Spring Casing:		A216 gr WCC Carbon Steel (Casting)		Set Pressure:		7 bar g
	Lower Casing:		A351 gr CF8M (316 st. st.)		Spring Matl:		A304 gr 6150H
Mounting		1					
Tubing Mat I / Fitting Type / Tubing Size(min.) / Gauge scale: / //							
ITP: ITP-2							
Body S/A	Paint System: MN Standard CES 1036 Table 1 - PS11						
Paint Color: No Paint							
Notes:							
Revisions	Rev	Description	Date	By	Contact		
					Ed Polasek Phone: 361-881-8182		
Item Impact Report ☐							
Seller, at its option and at no expense to the customer, may make design changes to goods or materials not impacting form, fit, or function							

Masoneilan

END CONNECTION: Threaded

ACTUATOR SIZE: 120

NOTE: DRAWING IS NOT TO SCALE AND OBJECTS IN SOME CASES ARE NOT PROPORTIONAL. REFER TO DIMENSIONS FOR PROPER SPATIAL REPRESENTATION.



Ref	MODEL	DESCRIPTION	CONNECTION	WGT
1	172-2208	REGULATOR, REDUCING, 1/2" (25mm) IN, CL 300, THREADED		37
NOTE: DIMENSIONS AND LOCATION OF ACCESSORIES INDICATE EXTREME MOUNTING LOCATION. ACTUAL MOUNTING MAY VARY WITHIN ENVELOPE SHOWN.			TOTAL PACKAGE WEIGHT LBS	37
THIS PRINT CERTIFIED CORRECT FOR CUSTOMER:			TOLERANCES: LINES ANGLES ± .5% ±2°30'	DIMENSION UNITS: INCH SCALE: NONE
REF NUMBER: SC-CC-040919-0		ITEM NUMBER: 1	REVISION:	
END USER NAME: Nigerian Agip Oil Company		PO:	PO ITEM:	
TAG NUMBER (S): 3420-PCV-003				

ValSpec v4.11.1a