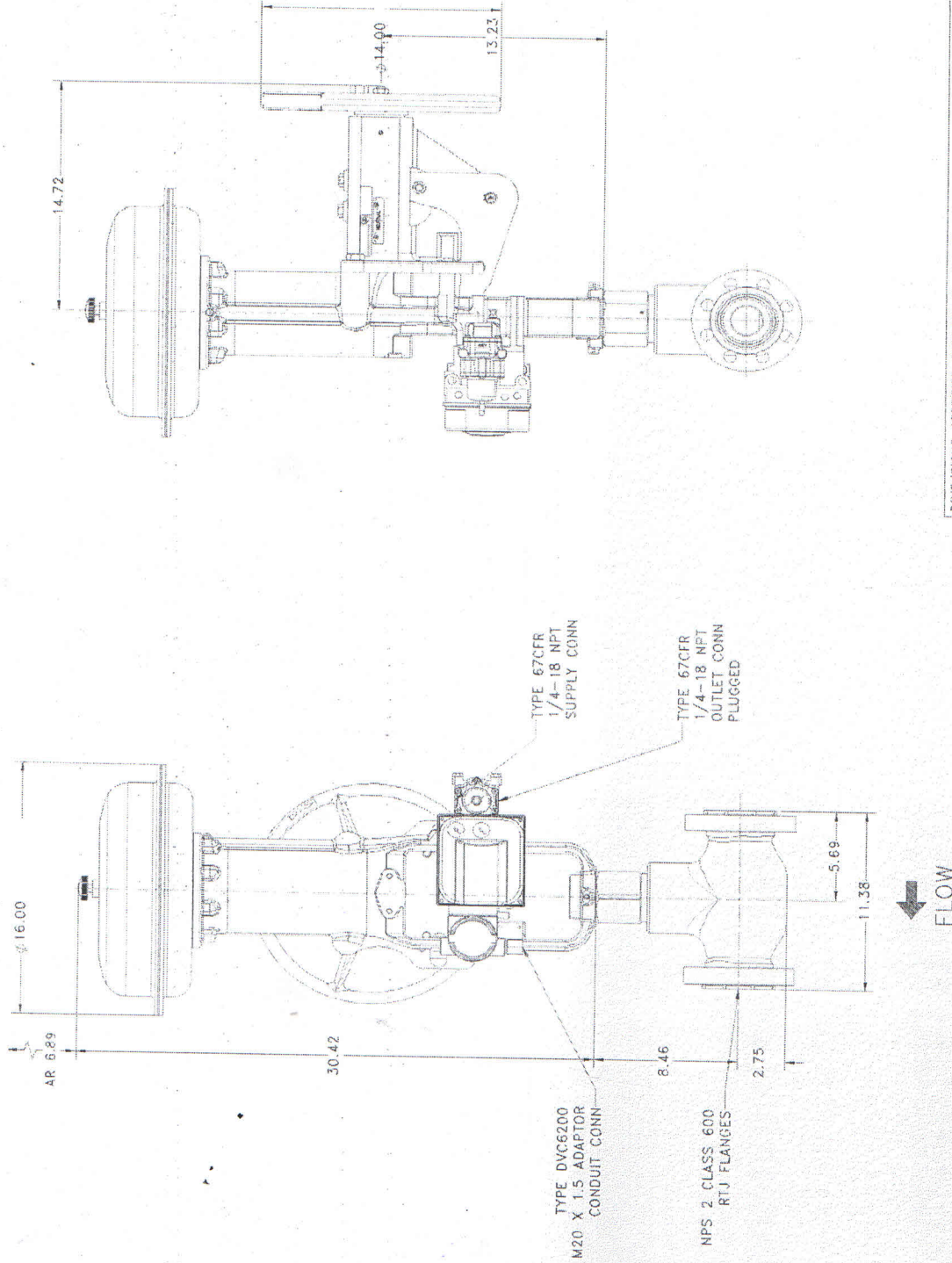


ORIENTATION MAY DIFFER

FEATURES PICTORALLY TYPICAL



DIMENSIONS CERTIFIED CORRECT BY FISHER CONTROLS

CUST: OIL AND GAS DEVELOPMENT CO LTD
 D VALVE BODY SIZE 2
 FISHER REF NO.: 975-NM-190312-0005608
 TAG NO.: 20-LCY-106
 PROJECT NAME:

EMERSON

CUST ITEM: 0001

S.NO.:
 SCALE: NONE
 DATE: 10/20/19

REV	DATE	BY	CHKD	APP'D
1	10-20-19			

TOTAL CALCULATED WT +/- 10%
 TOTAL WEIGHTS:
 UNLESS OTHERWISE SPECIFIED
 UNIT OF MEASURE: INCH

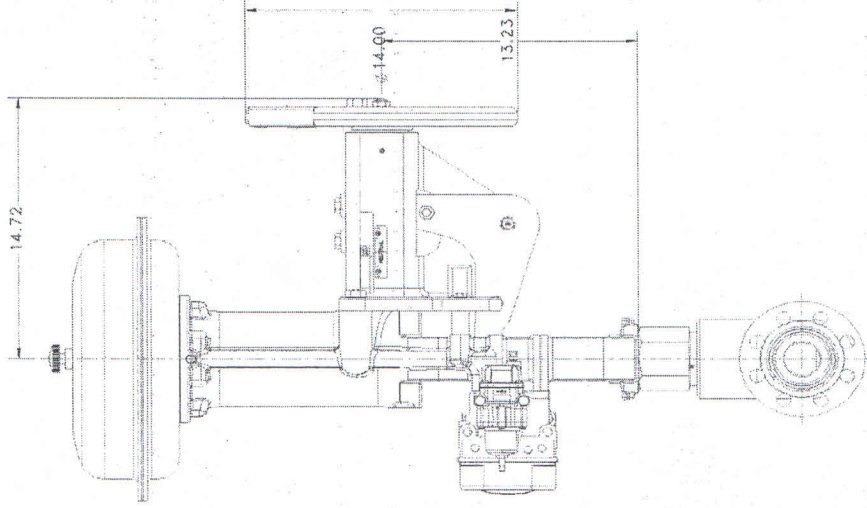
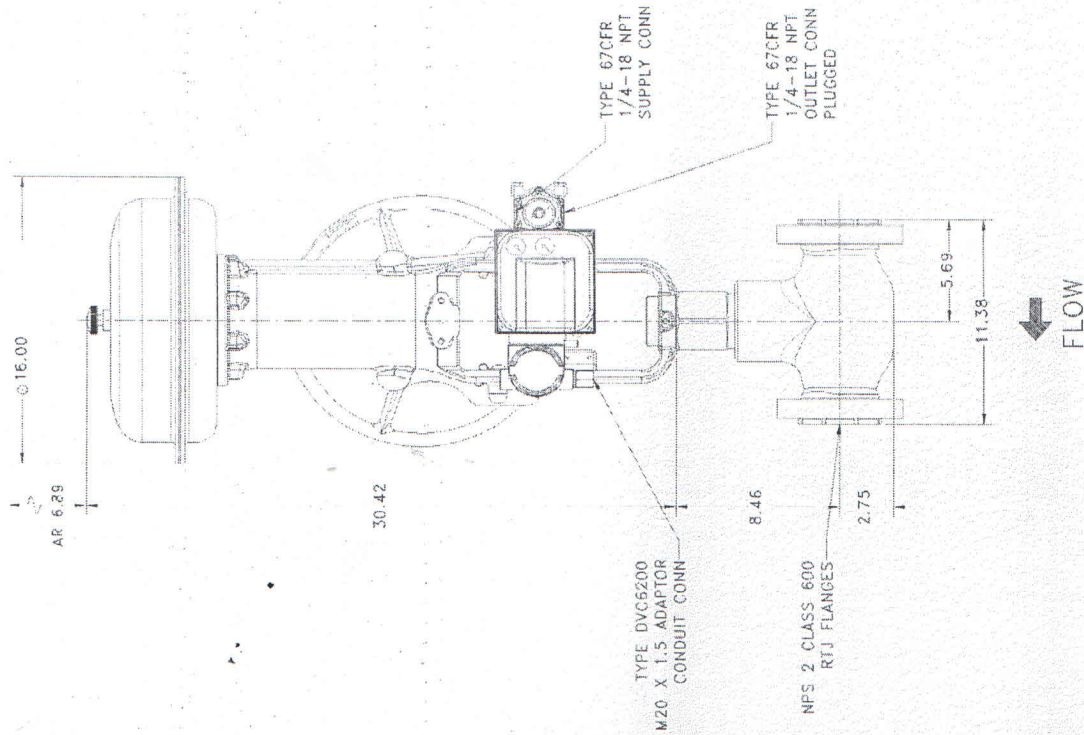
GENERAL ARRANGEMENT

SHEET 1 OF 1

FACE TO FACE TOLERANCE IS +/- 0.06 Inch
 AR = ACTUATOR REMOVAL CLEARANCE

FEATURES PICTORIAL Y TYPICAL

ORIENTATION MAY DIFFER



DIMENSIONS CERTIFIED CORRECT BY FISHER CONTROLS

CUST: OIL AND GAS DEVELOPMENT CO LTD
CUST REF NO.: CONTROL VALVES LCV-106/206 AND PCV-102667 ACTUATOR SIZE 451
FISHER REF NO.: 975-NM-190312-0005608
TAG NO.: 20-LCV-206
PROJECT NAME:

EMERSON

CUST ITEM: 0002

SCALE: NONE

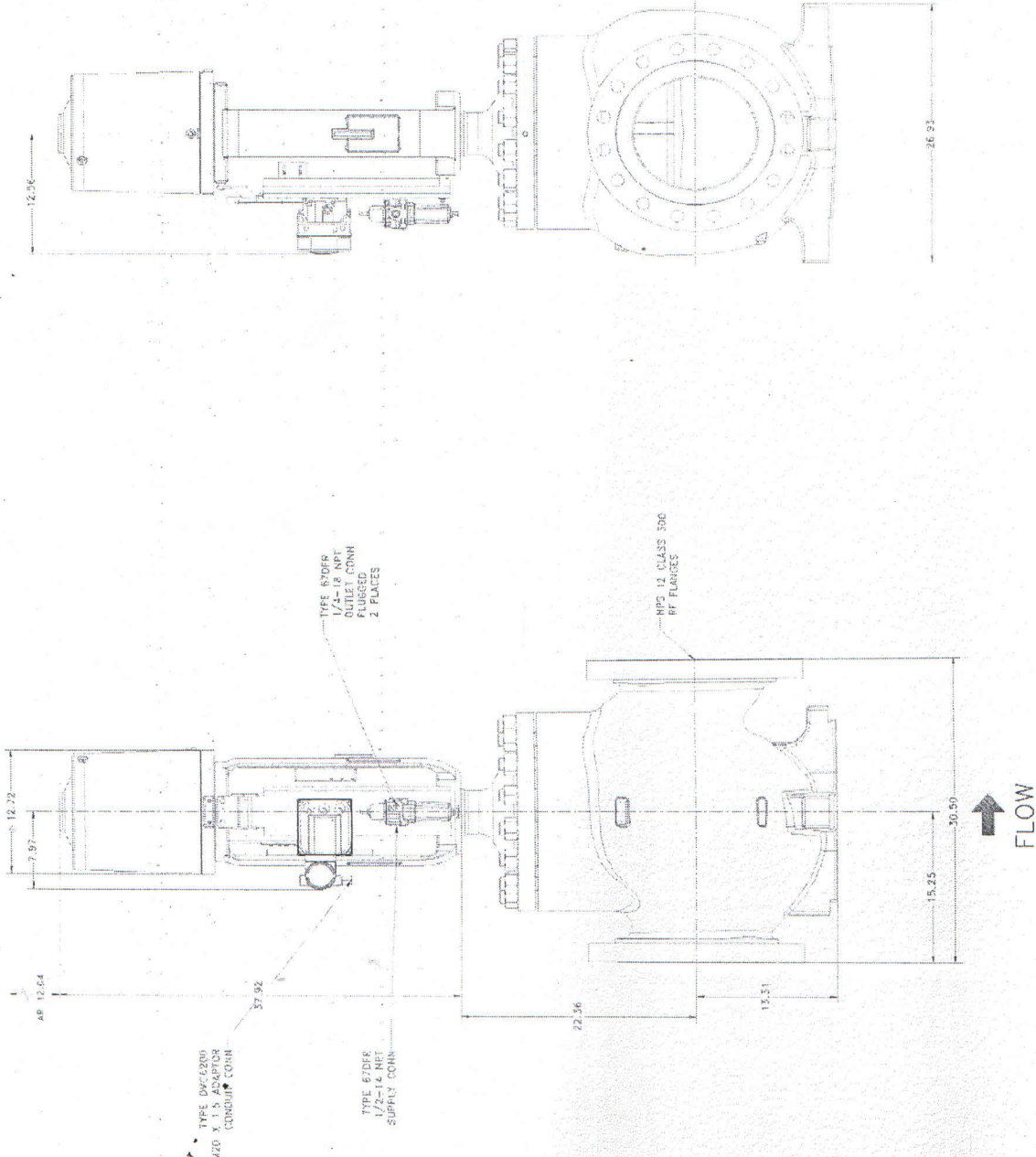
FACE TO FACE TOLERANCE IS +/- 0.06 inch
AR = ACTUATOR REMOVAL CLEARANCE

REV	DATE	BY	CHKD	APPD
1	11-28-19	ESR		

GENERAL ARRANGEMENT

SHEET 1 OF 1

FEATURES FORMILY TYPED
DIMENSIONS MAY DIFFER



EMERSON CERTIFIED CORRECT BY FICHER CONTROLS

DESIGN: ON AND OFF VALVE

CUSTOMER: OIL AND GAS DEVELOPMENT CO LTD

VALVE BODY SIZE: 12

CONTROL VALVES LCV-005/20K AND PCV-103390F ACTUATOR SIZE 8P

EMERSON REF NO: 9745-000-15012-000000

PROJECT NAME: GENERAL ARRASHEMETI

CUST. ITEM: 0003

SCALE: NONE

SHEET 1 OF 1

EMERSON

GENERAL ARRASHEMETI



TOTAL CALCULATED WEIGHT: 47.10% - 10%

UNLESS OTHERWISE SPECIFIED

UNIT OF MEASURE: INCH

FACE TO FACE TOLERANCE IS ± 0.12 INCH

AS SHOWN REMOVAL CLEARANCE

CLIENT		PRODUCED WATER ADEQUACY & CAPACITY ENHANCEMENT AT QADIRPUR GAS FIELD				CONSULTANT		
		DOCUMENT TITLE		DATA SHEET OF LEVEL CONTROL VALVE (LCV-5206)				
		DOCUMENT NO.		2547-PDS-001				Rev-1
20-LCV-106/206								
GENERAL	1	Tag Number		ECV-5206				
	2	Service		Condensate / Water Separator				
	3	Line Size		4"				
	4	Area Classification		Zone 1 Gas Group IIA Temperature class T3 min.				
	5	Ambient Temperature	Min.	Max.	25	°F	120	°F
	6	Allowable Sound Pressure Level	dBA		85 @ 1 m from the Valve			
	7	Tightness Requirements	ANSI IV (Standard)					
	8	Available air supply press.	Min.	Max.	70	psi-g	100	psi-g
	9	Power Failure Position	Close					
	10	P&ID Drawing Number	2547-PID-001					
PIPE LINE	11	Line Size and Schedule	Inlet	Outlet	4	in	4	in
	12	Pipe Material	A 106 Gr. B					
PROCESS CONDITION	13	Pipe Insulation	None					
	14	Process Fluid	CONDENSATE / WATER					
	15	Upstream Condition	Three Phase					
	16	Differential Pressure for Actuator Spring	900		psi			
	17			@ Max. Flow	@ Nom. Flow	@ Min. Flow		
	18	Gas Flow	lb/hr	130	111	80		
	19	Water Flow	psig	950	750	150		
	20	Pressure Drop	psig	850	650	50		
	21	Inlet Temperature	°F		100	100	100	
	22	Inlet Density @ (60°F) / Mol Wt	MW		19.5	19.5	19.5	
	23	Inlet Sp. Gravity			0.86-0.96	0.86-0.96	0.66-0.96	
	24	Inlet Compressibility Factor			0.983	0.983	0.983	
	25	Inlet Viscosity	Cp		0.67	0.67	0.67	
	26	Inlet Specific Heats Ratio			1.13	1.13	1.13	
	27	Water / Condensate Content	%		-	-	-	
	CALCULATED RESULTS	28	Water / Condensate Content	Barril / Day		0500	4500	2500
29		Flow Co-efficient Cv			VTS	VTS	VTS	
30		Travel			VTS	VTS	VTS	
31		Sound Pressure Level	dBA		85	85	85	
BODY AND TRIM	32	Body Type	Globe					
	33	Body Size	Inch		VTS			
	34	Rate Lev	Characteristic	VTS	Linear			
	35	Flw Connection & Rating	RTJ 600F					
	36	Body Material	A216 Gr. B					
	37	Bonnet Type / Material	Standard	A216 Gr. B				
	38	Flow Direction						
	39	Flow Action to	Close					
	40	Lubricator	Isol. Valve	No	No			
	41	Guiding	No. of Ports	Top	1			
SOLENOID VALVE	42	Tran Type	VTS					
	43	Rate Travel	inch		VTS			
	44	Plug/Bush/Disk Material	VTS					
	45	Seat Material	VTS					
	46	Gage / Stem Mater.	VTS	VTS				
	47	Gasket Material	316SS Sp. Wound					
	48	NACE MR01-75	Required					
	49	MFR	Model					
	50	Type	Spring & Diaphragm					
	51	Size	Area	VTS	VTS			
SWITCHES	52	Air Failure Valve	Close					
	53	Installation Location	Site Mounted					
	54	Branch Range	VTS					
	55	Material	Type					
	56	MFR	Model					
	57	Signal: Inlet	Outlet					
	58	Increase Signal Valve						
	59	Cam Characteristic	Linear					
	60	Bypass	Gauges					
	61	Smart E/P Type						
AIR SET	62	Certification / IP Rating						
	63	MFR	Model					
	64	Type			N/R	N/R		
	65	When De-energized			N/R	N/R		
	66	Certification / IP Rating / Voltage						
	67	MFR	Model					
	68	Type	Quantity	N/R	N/R			
	69	Contacts / Rating						
	70	Switching Position						
	71	Certification / IP Rating						
TESTS	72	MFR	Model					
	73	Set Pressure						
	74	Filter	Gauges	Required	Required			
	75							
	76	HydroPressure			B56756 Pl. 1			
	77	Leakage			ANSI B 16. 104			
	78							
	79	Manufacturer						
	80	Model						
	81	Purchase Order Number						
PURCHASE	82	Price	Item Number					
	83	Serial Number						

NOTES:

1. Bolting Material SS304
2. Noise level shall not be above 85 DB. Supplier shall provide noise solution for having noise level above 85 DB.
3. VTS - Vendor to Specify or Vendor to Suggest

11/0/2017	1	ISSUED FOR TENDER	RK	NWS	AJ
5/10/2015	0	ISSUED FOR TENDER	AUD	NWS	AJ
Date	Rev	Description	PREP.	CKD	APPR

Page No. 1/4.

verified
[Signature]

Muhammad Asif
S.E (Process) - : 03513
OGDCL, Qadirpur, Gas Field
Tele. # 0723-606995