

GENERAL	1	Tag Number		9-HV -11221						
	2	Service	P&ID No.	PRE SERVICE OUTLET VALVE FROM D-9103-A				K-9102-ZDM00		
	3	Allowable Sound Pressure Level dBA		80 at 1 mt						
	4	Air Supply Pressure:	Min	Max	3,5 Bar					
	5	Fire-Safe Execution								
	6	Antistatic Device								
PIPE LINE	7	Line Size and Schedule	Inlet	Outlet	4" SCH.40		4" SCH.40			
	8	Line Class								1EB
	9	Pipe Material								CARBON STEEL + EBON.
DESIGN	10	Pressure Min / Max	Temperature Min / Max		13	bar-g		85	°C	
HAZARDOUS AREA	11	Classification								
	12	Execution	Certification							
	13									
PROCESS CONDITIONS	14	Fluid	Fluid State		WASTE WATER-DRAINS-VENTS		Water			
	15		Units	@ Max Flow	@ Normal Flow	@ Min Flow				
	16	Inlet Density / Specific Gravity / Molecular Mass		kg/m³						
	17	Inlet Viscosity		cP						
	18	Inlet Specific Heats Ratio Cp/Cv		—						
	19	Inlet Compressibility Factor		—						
	20	Solids %								
	21	Flow Rate								
	22	Inlet Pressure		bar-g		10				
	23	Pressure Drop		psi						
	24	Inlet Temperature		°C						
	25	Max Shut-off Differential Pressure		bar		10				
	26	Leakage Class	Leakage Direction							
	27	Power Failure Position	2 Way	3 Way		CLOSE				
28	Air Failure	2 Way	3 Way		CLOSE					
29										
CALCULAT. DATA	30	Flow Coefficient Cv								
	31	Sound Pressure Level		dBA						
SELECTED VALVE	32	2 Way Type	BUTTERFLY							
	33	3 Way Type								
	34	Cv	Leakage Class	10 Barg						
	35	Temperature Max	DP Max							
	36	Shut-off Time								
	37	Sound Pressure Level								
	38	End Conn.Type	Roughnes	NOTE 8						
BODY	39	Size	Rating	Facing	4"	150#	FF			
	40	Flow Action To								
	41	Bonnet Type	Lubricator							
	42	Jacket End Connection								
TRIM	43									
	44	Port	4" - N°1							
	45	Plug Type	BUTTERFLY							
	46	Sealing Seat / Plug								
ACTUATOR	47	Plug Guide								
	48									
	49	Type	Model	PN. PISTON						
	50	Piston Acting	Handw. Loc.	YES						
	51	Size	Spring Range							
	52	Travel	Travel Lock							
	53	PNEUMATIC CONNECTION	Material Size							
	54	Execution								
	55									
MATERIAL	56	Body / Bonnet	Jacket	NOTE 12						
	57	Plug	Seat	C. STEEL		EPDM				
	58	Sealing	Packing							
	59	Plug Guides								
	60									
	61									
	AIR SET	62	Filter Regulat. & Gauge							
		63	Material							
	LIMIT SWITCH	64	Tag Number		9HZSL/HZSH-11221					
		65	Quantity	Specific. No	2 (1)					
SOLENOID VALVE	66	Tag Number		9-HY-11221 (NOTE 9-10-11)						
	67	Quantity	Specific. No	1						
	68	Connection Dwg.								
PNEUMATIC DISTRIBUTOR	69	Tag Number								
	70	Quantity	Specific. No							
	71	Connection Dwg.								
	72	Quick Exhaust								
OPTIONS	73	Air Lock								
	74	Actuator fire Proofing								
	75	Thermal Fuse								
	76	MR No.	7066-05GSY							
	77	PO No.	105							
	78	Manufacturer	GALASSI ORTO							
	79	Model	Supplier	GS40	CTIDA					

- Notes: 1) PROXIMITY TYPE IN ACCORDANCE WITH EN-50227 (NAMUR) - ELEC. CONN. ISO M20 x 1,5
2) SEAT TIGHTNESS: VI ANSI/FCI-70.2
3) PAINTING SANDBLASTING SA 2 1/2" & EPOXY PRIMER (Micron Meter DFT)
4) AISI 316 LABELED TAG. SEE GENERAL REQUIREMENT
5) AMBIENT TEMPERATURE: MIN. = 9,1 °C ; MAX. = 48,9 °C
6) HUMIDITY = 18 to 100 %
7) PACKAGE SUPPLY SPC. 3232-ZZ-SG-001 Rev. 1
8) CONNECTION TYPE: TO MOUNT BETWEEN FLANGES ANSI 150# FF
9) TYPE: UNIVERSAL 3 WAYS
10) ACTION: VALVE OPEN WHEN ENERGIZED (I-O)
11) POWER SUPPLY: 24 Vdc
12) FOR SPECIFICATIONS ABOUT MATERIALS SEE DOC. 3232-MV-VD-8000330-002-D-1-ED-01