



Ficha Técnica

# BIN3VD

***Estamos comprometidos con nuestros clientes para darles el mejor servicio.***

Somos una empresa 100% Mexicana especializada en el manejo de fluidos a nivel industrial, en el cuál nos entregamos con responsabilidad y disciplina a nuestros clientes para proveerlos de productos de primera calidad en el tiempo y forma que lo requieran.



# SIINPRO

SINERGIA INDUSTRIAL DE PROCESOS SA DE CV



## NUESTROS PRODUCTOS



### VÁLVULAS DE BOLA

Válvulas de bola, conexión roscada y bridada, inoxidable 316.



### VÁLVULAS DE MARIPOSA

Válvulas de mariposa tipo Wafer y Lug, Montaje Directo ISO-5211, brida universal ANSI.



### ACTUADORES ELÉCTRICOS

Actuadores eléctricos de ON-OFF y modulantes y multivuelatas.



### ACTUADORES NEUMÁTICOS

Actuadores neumáticos simple y doble acción, junto con todos sus accesorios



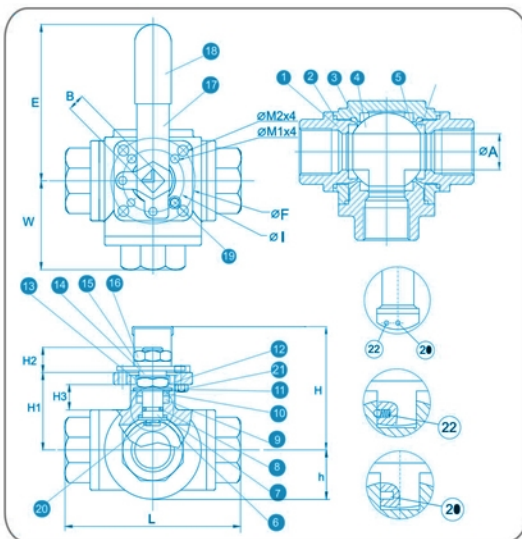
# VÁLVULA DE BOLA BIN3VD

## MATERIAL LIST

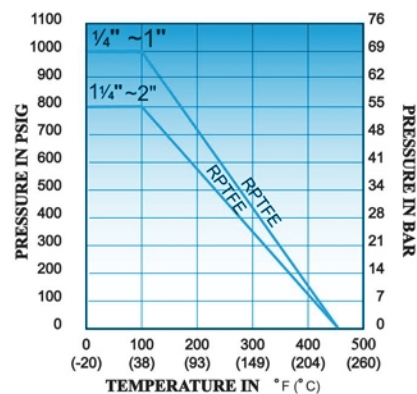
NO.	PART NAME	MATERIAL
1	End Cap	WCB CF8M
2	Gasket	PTFE
3	Body	WCB CF8M
4	Ball	SS 316
5	Seat	PTFE/RPTFE
6	Stem	SS 316
7	Stem Seal	RPTFE
8	O-Ring	VITON
9	Stem Packing	PTFE
10	Gland	SS 304
11	Belleville Washer	SS 301
12	Stem Nut	SS 304
13	Nut Stop	SS 304
14	Space Washer	SS 304
15	Lock Saddle	SS 304
16	Handle Nut	SS 304
17	Handle	SS 304
18	Handle Sleeve	Vinyl
19	Stop Pin	SS 304
20	Insert Pin	SS 316
21	Pin Nut	SS 304
22	Anti Static Device	SS316

## FEATURES

- BODY & END ARE INVESTMENT CAST
- AVAILABLE IN 3 WAY & 4 WAY
- AVAILABLE IN T PORT OR L PORT
- BLOW - OUT PROOF STEM DESIGN
- FULL PORT AND STANDARD (REDUCED) PORT
- 100 % AIR TESTED UNDER WATER AT 80 PSI
- WORKING PRESSURE 800 PSI
- ISO 5211 MOUNTING PAD/ CONNECTION DIN 3337
- END TYPE: THREADED, SOCKET WELD, BUTT WELD
- DUAL PATTERN ISO 5211 MOUNTING PAD WITH SQUARE STEM: Allows electric and pneumatic actuators bolted directly to the top of the valves, for greater reliability, easy installation and improved cycling life
- FOUR SEATS DESIGN: Prevents Leakage in the cavity area and maintains proper alignment of ball
- UVE LOADED STEM DESIGN: Self-compensating stem seal automatically adjusts for wear and fluctuations in pressure and temperature
- O-RING STEM SEAL: Enhances stem wear and maintains stem alignment, provides extra longer service life.



## PRESSURE-TEMPERATURE CHART





# VÁLVULA DE BOLA

# BIN3VD

## DIMENSION (INCHES)

SIZE	ØA	E	H	H1	H2	H3	h	L	W	WEIGHT (Lb)	TORQUE (Lb/in)	CV	ISO 5211 (mm)					
													FLANGE	B	ØI	ØF	ØM1	ØM2
1/4"	0.43	5.12	2.44	1.52	0.43	0.46	0.79	2.83	1.42	1.45	75	8	F03/F04	9	36	42	6.0	6.0
3/8"	0.47	5.12	2.44	1.52	0.43	0.46	0.79	2.83	1.42	1.41	75	8	F03/F04	9	36	42	6.0	6.0
1/2"	0.59	5.12	2.52	1.61	0.43	0.53	0.91	3.27	1.63	1.87	92	13	F03/F04	9	36	42	6.0	6.0
3/4"	0.79	6.50	3.23	1.93	0.55	0.58	1.10	3.90	1.95	3.21	115	19	F04/F05	11	42	50	6.0	7.1
1"	0.98	6.50	3.50	2.17	0.55	0.59	1.34	4.41	2.20	4.80	207	34	F04/F05	11	42	50	6.0	7.1
1-1/4"	1.26	8.07	3.86	2.48	0.71	0.64	1.54	4.92	2.46	7.22	369	54	F05/F07	14	50	70	7.1	9.2
1-1/2"	1.50	8.07	4.25	2.91	0.71	0.65	1.89	5.87	2.93	11.53	449	84	F05/F07	14	50	70	7.1	9.2
2"	1.97	12.80	5.51	3.66	0.87	0.95	2.36	6.85	3.43	20.86	518	158	F07/F10	17	70	102	9.2	11.4

## HOW TO ORDER

CLASS	SERIES		FEATURES		BODY		MATERIAL		SEAT		ENDS	SIZE		OPERATION			
	1000 WOG	VALVE BODY DESIGN	NONE	NONE	2	3	TRIM										
		<b>3WLM</b>	Full Port 3 Ways Ball Valve Port "L" ISO 5211 MK	<b>NONE</b>	NONE	<b>2</b>	WCB	<b>3</b>	316SS	<b>P</b>	PTFE	<b>T</b>	Threaded	<b>0.25</b>	1/4"	<b>L</b>	Manual Lever Operator
				<b>O</b>	Oxygen Service <sup>(1)</sup>	<b>3</b>	CF8M			<b>R</b>	R-PTFE			<b>0.38</b>	3/8"		Manual Lever
		<b>3WTM</b>	Full Port 3 Ways Ball Valve Port "T" ISO 5211 MK							<b>U</b>	UHMWPE			<b>0.5</b>	1/2"	<b>C</b>	Manual Lever with Locking Device
		<b>3WXM</b>	Full Port 3 Ways Ball Valve Port "X" ISO 5211 MK							<b>S</b>	50/50 SS Filled PTFE			<b>0.75</b>	3/4"		Device
										<b>C</b>	Carbon Filled PTFE			<b>01</b>	1"	<b>B</b>	Bare Shaft
										<b>M</b>	MG1241			<b>01.25</b>	1 1/4"	<b>S</b>	Spring Return safety Handle
										<b>D</b>	DELFIN			<b>01.5</b>	1 1/2"		
										<b>K</b>	PEEK			<b>02</b>	2"	<b>SR</b>	Spring Return Sliding Lock
																<b>O</b>	Oval Handle
																<b>E</b>	Economical Stem Extension
																<b>P</b>	Pneumatic Actuator
																<b>E</b>	Electric Actuator