





SKU: BV5108

-  Mars Series 22 Two Piece Ball Valve
-  Mars Serie 22 Zweiteilige Kugelhahn
-  Mars Serie 22 de dos piezas de la válvula de bola
-  Mars Série 22 deux Piece Ball Valve

Valves[™]
O N L I N E

- 1/4 " - 3" Stainless steel, Direct mount 2 piece ball valve
- 1/4 " - 3" Edelstahl, Direktmontage 2 Stück Kugelhahn
- 1/4 " - 3" de acero inoxidable , montaje directo de 2 piezas válvula de bola
- 1/4 " - 3" L'acier inoxydable , montage direct 2 pièce vanne à boisseau sphérique



MARS SERIES 22 Direct Mount

- **ISO 5211 Mounting Top for easy Actuation**
- **Full Bore with BSP & NPT Threads**
- **Approved to ATEX**
- **Insulated Grip Lever Handle Optional**
- **1000 PSI Rated**

Description

A two piece full bore ball valve, compact in size yet reliable. Manufactured in stainless steel, with BSP or NPT Thread.

The valve ensures tight shut off and is versatile over a wide range of flowing media. The valve is provided with a direct mounting pad that allows the actuator to be directly mounted, overcoming conventional mounting brackets. With the additional safety feature of an anti-blowout stem and low torque this valve offers both economy and versatility.

This valve provides safe operation in both general Industrial and Chemical applications. Non Maintainable.



Description

Mars series 22 direct mount ball valve with ISO top sets a new a standard for ball valve / actuator mounting, enhancing functionality and performance. 1000 PSI and up to 180°C Screwed in BSP with the option of NPT threads. Seats Virgin PTFE.



Beschreibung

Mars Serie 22 Direktmontage Kugelhahn mit ISO oberen setzt einen neuen Standard für einen Kugelhahn / Antriebsaufbau , Verbesserung der Funktionalität und Leistung. 1000 PSI und bis zu 180 ° C Screwed in BSP mit der Möglichkeit, NPT-Gewinde . Sitze Virgin PTFE .







Descripción

Mars serie 22 de válvula directa Montaje de bola con la parte superior ISO establece un nuevo estándar para la válvula de bola / actuador de montaje , la mejora de la funcionalidad y el rendimiento. 1000 PSI y hasta 180°C atornillado en BSP con la opción de roscas NPT . Asientos Virgin PTFE .



Description

Mars série 22 directe vanne à boisseau sphérique de montage à la norme ISO supérieure établit une nouvelle norme pour vanne à boisseau sphérique / montage de l'actionneur , à améliorer la fonctionnalité et la performance . 1000 PSI et jusqu'à 180°C Screwed BSP avec l'option de NPT . Sièges Virgin PTFE .

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Mars Series 22 Stainless Steel Ball Valve

Technical and Parts List

No.	Part Name	Material	Qty
1	Body	ASTM A351Gr. CF8M	1
2	Cap	ASTM A351Gr. CF8M	1
3	Ball	SUS316	1
4	Stem	SUS316	1
5	Stem Nut	SUS304	1
6	Stem Washer	SUS304	1
7	Handle	SUS304	1
8	Seat	PTFE	2
9	Gland Bush	SUS304	1
10	Stem Packing	RPTFE	1
11	Gland Packing	PTFE	1
12	Handle Sleeve	VINYL	1
13	Joint Gasket	PTFE	1
14	Locking Device	SUS304	1
15	Antistatic Device	SUS304	1

Specification

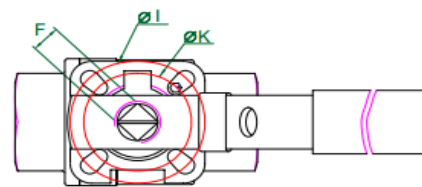
Pressure range	1000 PSI
Size	1/4" to 3"
Temperature range	minus 20° to + 180°
Movement	90 deg turn
Cycle life	1,000,000 operations
Port	Full Bore

Top Works & Torque Figures

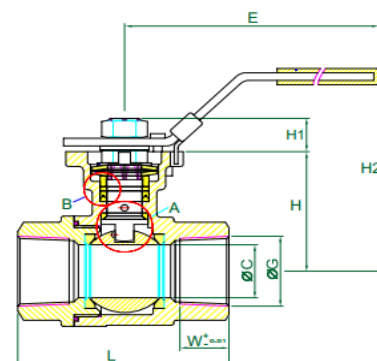
Size	ISO	F Square	H1 Height	Torque Nm	Torque In-lb	Cv	GMP	Kv	M3/h
1/4"	F03/F04	9	6.6	7	58	8	6.8		
3/8"	F03/F04	9	6.6	7	58	8	6.8		
1/2"	F03/F04	9	6.6	7	58	15	12.8		
3/4"	F03/F04	9	7.1	8	69	34	29.1		
1"	F04/F05	11	10.9	14	127	56	47.8		
1 1/4"	F04/F05	11	10.9	18	161	85	72.6		
1 1/2"	F05/F07	14	13.9	26	230	125	106.8		
2"	F05/F07	14	13.9	36	323	250	213.7		
2 1/2"	F07/F10	17	16.8	55	484	320	273.3		
3"	F07/F10	17	18.1	87	772	580	495.3		

Dimensions

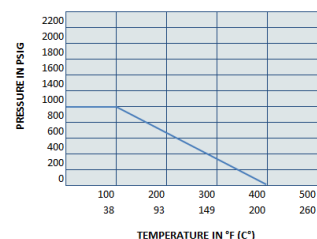
Size	ØC	E	H	H2	I	øK	øL	W	W(kg)
1/4"	11.5	139	38.6	74	42	36	65	15	0.53
3/8"	12.5	139	38.6	74	42	36	65	15	0.51
1/2"	15	139	38.6	74	42	36	65	16	0.46
3/4"	20	139	46.1	82	42	36	74.6	17	0.6
1"	25	165	56.6	96	50	42	88	21	1.09
1 1/4"	32	165	61	100	50	42	102	22	1.5
1 1/2"	38	215	77.5	127	70	50	1100	22.5	2.55
2"	50	215	85.2	134	70	50	125	26	3.6
2 1/2"	65	263	108.7	167	102	70	160.6	31	7.43
3"	80	313	117.4	175	102	70	178	34	10.35



TOP VIEW



PRESSURE V TEMPERATURE CHART



Breakaway Torque
Includes 30% Safety Factor

Available in BSP and NPT
Non repairable valve

