



MANUFACTURER OF VALVES & EQUIPMENT FOR PETROLEUM AND NATURAL GAS INDUSTRY

WWW.HPMFLOW.COM



Flow Solutions

EUROPE'S INNOVATIVE VALVE FACTORY

HPM Flow Solutions company was established in Bursa, Turkiye

for the production of valves and equipment on a 750m2 closed and 250m2 open area.

HPM Flow Solutions works to make a difference and

offer the best quality to its customers.



The main product types are:

- Valves for natural gas and oil lines,
 Ball, Plug, Gate, Globe, Check Valves
- Oil and gas wellhead valve and equipment.

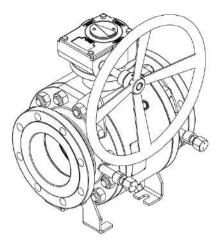
As HPM Flow Solutions;

- We constantly inspect our suppliers and contribute to improvement efforts,
- We examine customer requests and expectations in detail and prioritize their satisfaction.
- Strengthens technological and innovative studies, and
- We prioritize the R&D approach.

Best Product & Superior Quality









FEATURES

HPM Flow ball valves are ideal for shutoff applications in the petrochemical, power, and oil & gas industries. Their design delivers high performance and reliability over extended periods.

Sizes range from NPS 2 to 24 inches in both full bore and reduced bore. HPM Flow's standard specifies that the obturator of the valve shall rotate on an axis perpendicular to the direction of flow. Also, the wrench and/or the position indicator is either in line or transverse with the pipeline when the valve is open and closed respectively.

With the wide range of HPM Flow ball valve materials available, the valves find frequent use off-shore and in similar applications where physical and chemical resistance to both flow medium and environment is of utmost importance.

HPM Flow Valves can be engineered to suit any particular client requirement.

HPM Flow Ball valves have many configurations: **floating**, **trunnion mounted**, **split body**, **union body**, **fully welded**, **end entry**, **top entry**, **3-piece**, **etc**. There are also special service designs: metal to metal, subsea, severe conditions, double block and bleed.

- · Valves designed according to API 6D
- · Double block-bleed on request
- All sizes available as full bore or reduced bore
- Sblit Body, Full Welded and Top Entry type
- Fire safe according to ISO 10497
- · Valve seats as single or double piston type
- Elastomeric and thermoplastic sealing materials to suit application
- With any type of actuator & accessories
- All sizes and classes available with metal to metal sealing
- · Antistatic device and anti blow-out stem
- Secondary sealing by grease injection
- Special executions for high temp service











COMPLIANCE STANDARDS

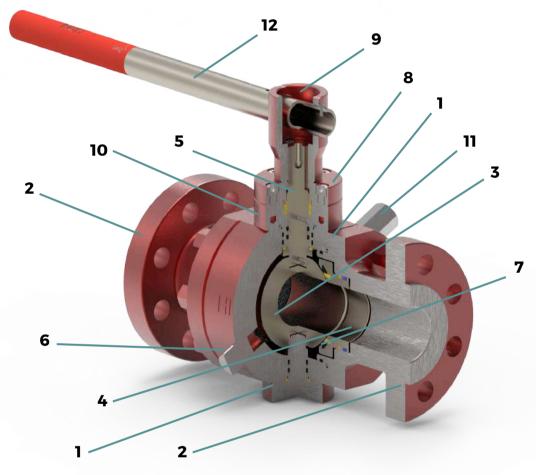
HPM Flow Ball Valves are designed in accordance with international standards. They also meet the requirements of energy and oil & gas industry standards and customer specifications.

Parameter		Standard	
Design		API 6D / ISO 17292	
Pressure - Temperature Rating		ASME B16.34	
Valve Ends	Face-to-face / End-to-end Dimensions	API 6D / ASME B16.10	
	Flange End Dimensions	ASME B16.5 / ASME B16.47	
	Butt-weld End Dimensions	ASME B16.25	
Inspection & Test	Hydrostatic, Pneumatic, Torque and Functional	API 6D / API 598	
	Fire Test	API 6FA / API 607 / ISO 10497	
	Fugutive Emilision	EN ISO 15848-1	





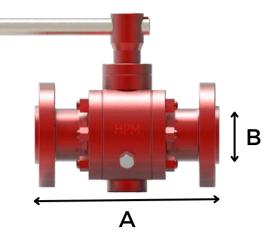
MATERIALS



No	Parts	Materials
1	Body	ASTM A105 / LF2 / WCB / Stainless Steel
2	Cover - Bonnet - End Connectors	ASTM A105 / LF2 / WCB / Stainless Steel
3	Ball	ASTM A105 / LF2 + ENP / Stainless Steel
4	Seat Ring	ASTM A105 / LF2 + ENP / Stainless Steel
5	Stem	ASTM A105 / LF2 + ENP / Stainless Steel
6	Drain	Stainless Steel
7	Seat	HNBR / FKM
8	Locking Flange	Carbon Steel
9	Coupling	Carbon Steel
10	Gland	Carbon Steel
11	Vent	Stainless Steel



DIMENSIONS



CLISC RF BW RT B-mm CLISCO 178 216 191 49 CLISCO 216 216 222 49 CLISCO 292 292 295 49 CLISCO 283 283 216 74 CLISCO 283 283 216 74 CLISCO 283 283 298 74 CLISCO 356 355 355 359 74 CLISCO 356 355 355 359 74 CLISCO 452 432 435 100 CLISCO 452 432 435 100 CLISCO 452 432 435 100 CLISCO 403 457 419 150 CLISCO 589 559 562 150 CLISCO 589 559 562 150 CLISCO 560 660 660 664 201 CLISCO 660 660 664 201 CLISCO 787 787 791 225 CLISCO 787 787 791 225 CLISCO 568 559 584 232 CLISCO 568 559 584 303 CLISCO 568 559 584 303 CLISCO 666 762 669 664 303 CLISCO 666 762 762 778 334 CLISCO 686 762 762 778 334 CLISCO 684 914 911 994 385 CLISCO 991 991 991 994 385 CLISCO 991 991 991 995 446 CLISCO 991 991 991 1010 487 CLISCO 991 991 991 1010 487 CLISCO 991 991 991 1010 487 CLISCO 1007 1145 1080 589			A - mm			_
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14" CL 300 762 762 778 334 CL 600 889 889 892 334 CL 150 762 838 775 385 CL 300 838 838 854 385 CL 600 991 991 994 385 CL 150 864 914 876 436 CL 300 914 914 939 436 CL 600 1092 1092 1095 436 CL 150 914 991 927 487 CL 300 991 991 1010 487 CL 600 1194 1194 1194 1200 487		CL 600	838	838	841	303
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16" CL 150 762 838 775 385 CL 300 838 838 854 385 CL 600 991 991 994 385 CL 150 864 914 876 436 CL 300 914 914 939 436 CL 600 1092 1092 1095 436 CL 150 914 991 927 487 CL 300 991 991 1010 487 CL 600 1194 1194 1194 1200 487	14"	CL 300	762	762	778	334
16" CL 300 838 838 854 385 CL 600 991 991 994 385 CL 150 864 914 876 436 CL 300 914 914 939 436 CL 600 1092 1092 1095 436 CL 150 914 991 927 487 CL 300 991 991 1010 487 CL 600 1194 1194 1194 1200 487		CL 600	889	889	892	334
CL 600 991 991 994 385 CL 150 864 914 876 436 CL 300 914 914 939 436 CL 600 1092 1092 1095 436 CL 150 914 991 927 487 CL 300 991 991 1010 487 CL 600 1194 1194 1194 1200 487		CL 150	762	838	775	385
CL 150 864 914 876 436 CL 300 914 914 939 436 CL 600 1092 1092 1095 436 CL 150 914 991 927 487 CL 300 991 991 1010 487 CL 600 1194 1194 1200 487	16"	CL 300	838	838	854	385
18" CL 300 914 914 939 436 CL 600 1092 1092 1095 436 CL 150 914 991 927 487 CL 300 991 991 1010 487 CL 600 1194 1194 1200 487		CL 600	991	991	994	385
CL 600 1092 1092 1095 436 CL 150 914 991 927 487 CL 300 991 991 1010 487 CL 600 1194 1194 1200 487	18"	CL 150	864	914	876	436
20" CL 150 914 991 927 487 CL 300 991 991 1010 487 CL 600 1194 1194 1200 487		CL 300	914	914	939	436
20° CL 300 991 991 1010 487 CL 600 1194 1194 1200 487		CL 600	1092	1092	1095	436
CL 600 1194 1194 1200 487	20"	CL 150	914	991	927	487
		CL 300	991	991	1010	487
CL 150 1067 1143 1080 589		CL 600	1194	1194	1200	487
	24"	CL 150	1067	1143	1080	589
24" CL 300 1143 1143 1165 589		CL 300	1143	1143	1165	589
CL 600 1397 1397 1407 589		CL 600	1397	1397	1407	589

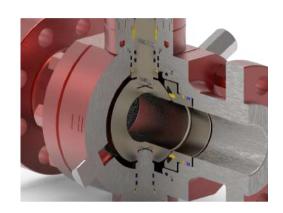


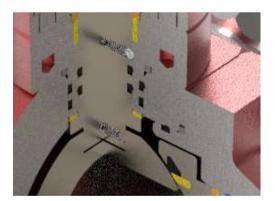


DOUBLE BLOCK AND BLEED

HPM Flow manufacture Ball Valves that conform to API 6D 25 ed. The ball valve, in closed position, blocks flow from both valve ends when the cavity between the seating surfaces is vented through a bleed connection provided on the body cavity.

Inbuilt Double Block & Bleed feature enables on-line affirmation of seat sealing. The seat rings float in the flow axis against a fixed ball and line pressure forces the spring-loaded seats against the ball to effect sealing.





FIRE SAFE

HPM Flow Ball Valves are fire-safe by design and meet the requirements of API 6FA, API 607 and ISO 10497.

STEM RETENTION

The stem of HPM Flow Ball Valves has an integral shoulder that butts against a matching profile in the body to make it blowout-proof. This feature also enables online replacement of packing rings during emergency.



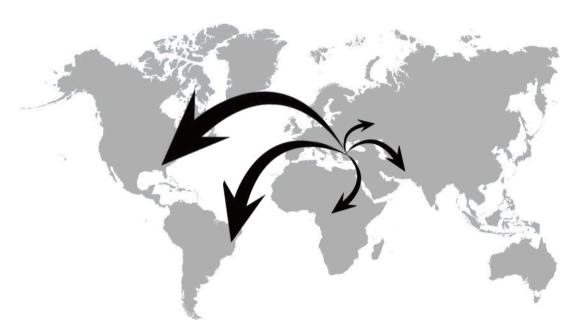


EUROPE'S INNOVATIVE VALVE FACTORY



HPM Flow Solutions established in 2024, is a company specialized in the manufacture of high quality valves.

The expertise and knowledge gained over the years has been transferred to the design and production of valves, and a Strong, Quality and Professional Valve Factory has been born.



MARKET SECTORS

HPM Flow develops and designs valves for all applications, but the main focus is in Oil & Gas, Petrochemical and Energy sectors.



Petrol



Chemistry



Industry



Gas



Energy



Oil













Technical Support



Design & Development



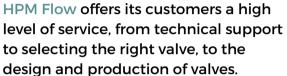
Manufacturing



High Level Testing and Control



7/24 Service



Our R&D department is always ready to find solutions for demanding applications.

HPM Flow offers an effective aftersales service.





Approvals



API 6D CERT. NO 6D-2248



CE-PED NOBO NO 0408



FIRE SAFE ISO 10497 / API 6FA



FUGITIVE EMISSION ISO 15848-1



ISO 17292 BALL VALVE APPROVAL



ISO 9001



ISO 14001



ISO 45001















HPM Flow Solutions, valves production range has coverage for fire-safety as per ISO 10497 and API 6FA and for fugitive emissions as per ISO 15848-1.

Also, thanks to a long-term cooperation with international / national Natural Gas & Oil companies, HPM Flow Solutions complies with many customers specifications, including design verification and validation procedures.





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GET IN TOUCH





Flow Solutions

Valves & Equipment

For Petroleum and Natural Gas Industry





