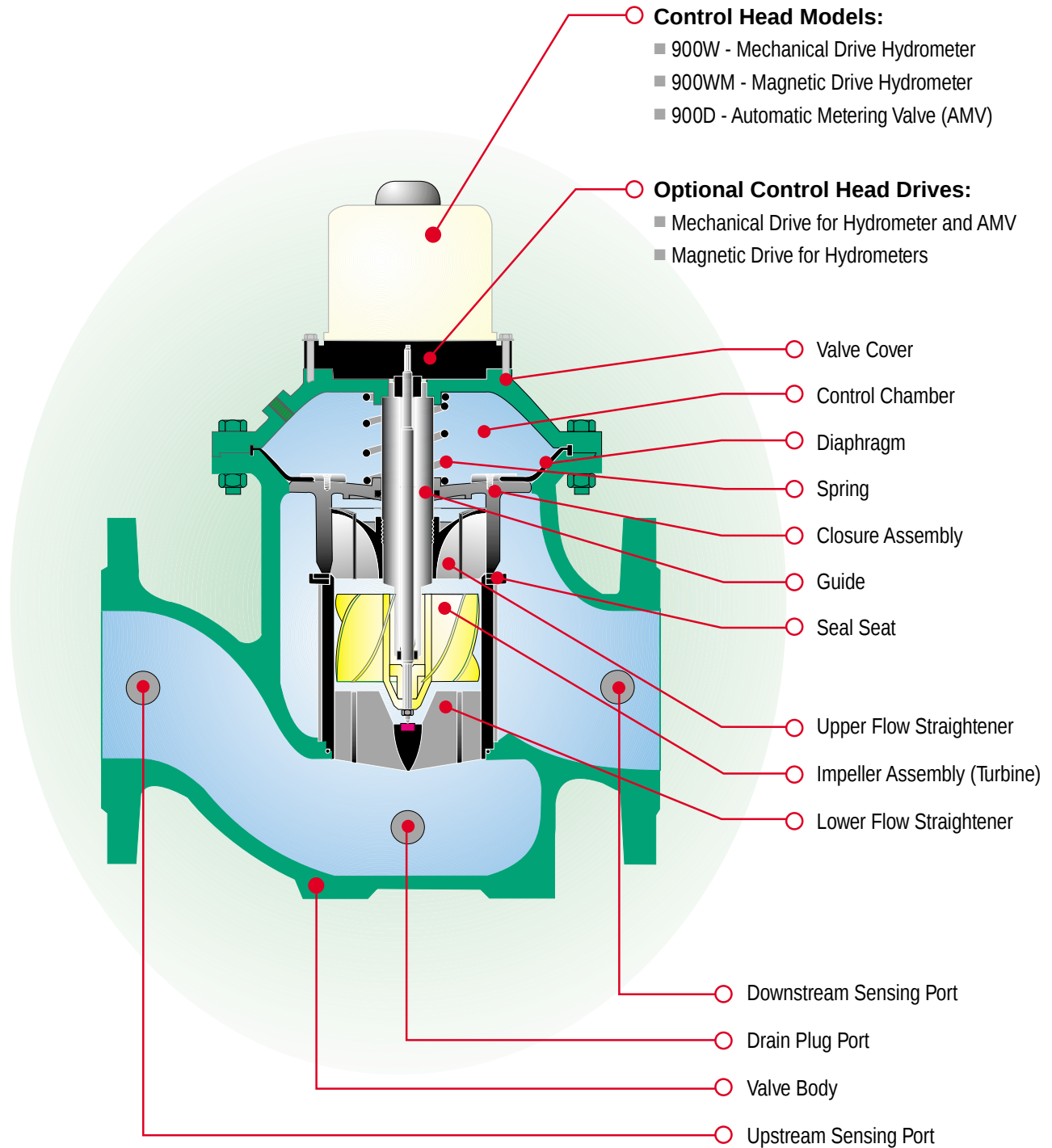


Product Description

CONTROL VALVES **BERMAD**



Physical Specifications



Valve Patterns: Globe or Angle

Sizes:	Globe:	1½"	2"	3"	4"	6"	8"
	Angle:	2"	3"	4"	6"	8"	
	(mm):	40	50	80	100	150	200

End Connections

■ Threaded:

Globe: 1½", 2" NPT/BSP female threaded

Angle: 2" NPT/BSP female threaded

■ Flanged:

Globe and Angle: 3", 4", 6" and 8" ANSI B16, ISO, DIN, BS and JIS

Materials:

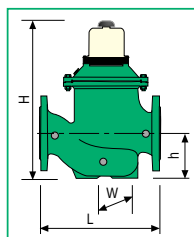
- Body and Cover: Cast iron or ductile iron with fusion bonded coating
- Diaphragm: Reinforced natural rubber
- Spring: Stainless steel
- Impeller Housing: Reinforced plastic
- Impeller: Plastic
- Straighteners: Reinforced plastic
- Closure Assembly: Reinforced plastic
- Guided Shaft: Stainless steel
- Control Head: Plastic, brass, stainless steel

Other materials available on request.

Dimension and Weights:

Nominal Sizes

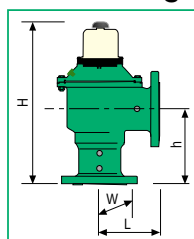
Globe Pattern



	*1½"	*2"	3"	4"	6"	8"
L (mm)	210	225	290	360	550	600
W (mm)	135	137	210	250	380	380
H (mm)	293	300	405	470	625	640
h (mm)	98	95	125	137	215	220
Weight (Kg)	5.5	7	24	44	105	125

Nominal Sizes

Angle Pattern



	*2"	3"	4"	6"	8"
L (mm)	125	150	185	250	250
W (mm)	137	210	250	380	380
H (mm)	320	427	460	610	620
h (mm)	125	197	225	306	280
Weight (Kg)	9	18	35	80	90

**1½" and 2" - Threaded*

Operating Specifications

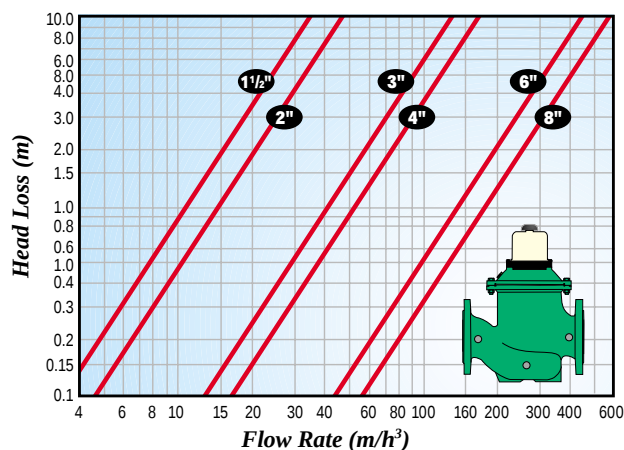
CONTROL VALVES **BERMAD**



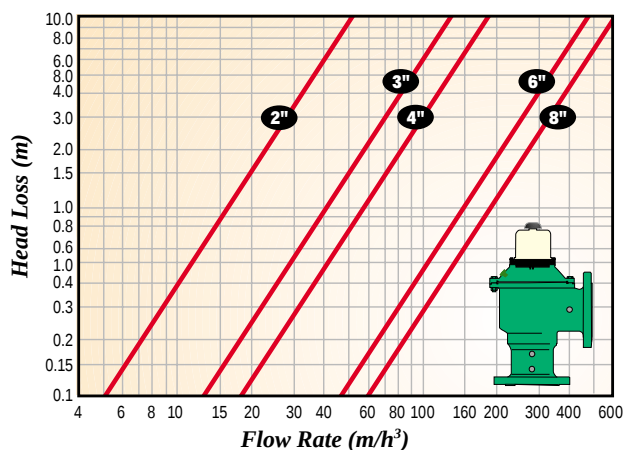
Operating Pressure: 0.7 – 10/16 bar (10 – 150/225 psi)

Working Temperature: Water up to 50°C

Flow Chart - Globe Pattern



Flow Chart - Angle Pattern



Accuracy and Flow Data:

Magnetic and Mechanical Drive Hydrometers

Nominal Sizes

Flow Data	Accuracy	1 1/2"	2"	3"	4"	6"	8"
Qmax. (Peak flow, short time)	±2%	30	35	130	180	350	550
Qn. (Continues flow)	±2%	15	25	65	110	215	350
Qt. (Transitional flow)	±2%	3.0	3.0	8.0	12.0	30.0	50.0
Qmin. (Minimum flow)	±5%	1.2	1.2	3.2	4.8	4.5	7.5



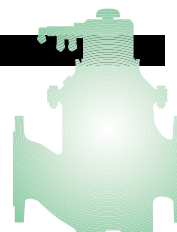
(1) Complies with EEC/ISO 4064 Class A and SII 63 for water meters

(2) Values in m³/h

Automatic Metering Valves AMV:

Nominal Sizes

Flow Data	Accuracy	1 1/2"	2"	3"	4"	6"	8"
Qmax. (Peak flow, short time)	±2%	20	35	120	180	300	550
Qn. (Continues flow)	±2%	15	25	65	110	215	350
Qt. (Transitional flow)	±2%	3.0	4.5	12.0	18.0	45.0	75.0
Qmin. (Minimum flow)	±5%	1.5	2.0	3.2	4.8	10.0	12.0



(1) Complies with ISO 7714 Type 1 or 2 and SII 1405 for metering valves

(2) Dosing accuracy: ±2% of dial capacity or better

(3) Accuracy: complies with ISO 4064 Class A

(4) Values in m³/h