HOLMES UK

HLZ-200

Fixed Orifice Double Regulating Valve (FODRV) - PN25

Product Features

- HLZ-200 FODRV combines the functions of regulation and flow measurement
- The Double regulating valve, with its integral fixed orifice design offers an accuracy of ± 5% on all settings, for precise flow regulation and measurement
- The Double Regulating feature allows the valve to be used for isolation and to be reopened to its pre-set position to maintain required flow rate
- Y-Pattern globe valves having characterised throttling disc tending towards equal percentage performance
- Integral square edged entrance orifice plate and P84 insertion test points fitted Double regulating feature allows valve opening to be set with an Allen key
- Operation of the valve is by means of the Microset handwheel

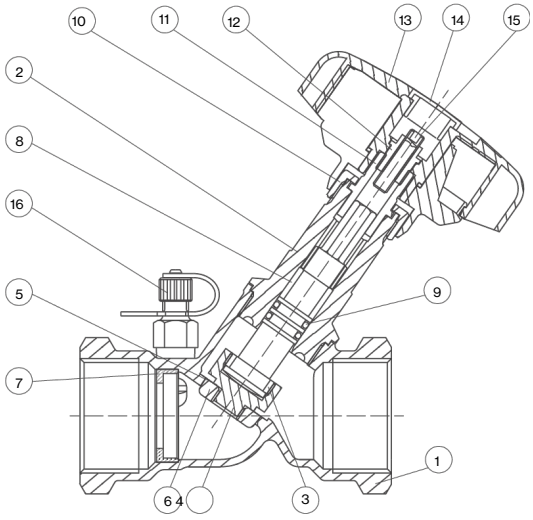
Pressure/Temperature Ratings

TEMPERATURE (°C)	-10 to 100	110	120
PRESSURE (BAR)	25	23.4	21.8

Interpolation shall be used to calculate intermidate pressure rating.
Maximum temperature 120°C.
WRAS approved -10 to 85˚C.

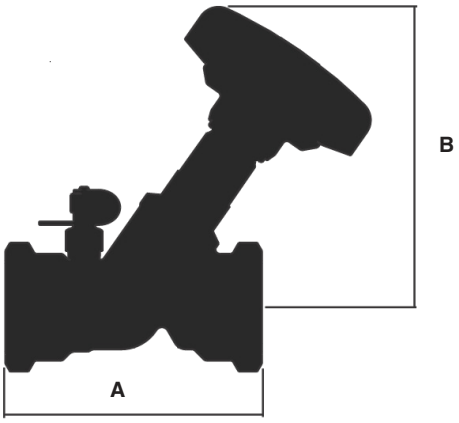
Materials

NO.	PART	MATERIAL
1	Body	Bronze to BS EN 1982 CC491K
2	Bonnet	DZR Brass BS EN 12164 CW602N
3	Disc Retaining Ring	DZR Brass BS EN 12164 CW602N
4	Disc	DZR Brass BS EN 12164 CW602N
5	Disc Face	PTFE Sizes 1',2" - DZR Brass CW602N Other Sizes
6	Disc Nut	DZR Brass BS EN 12164 CW602N
7	Orifice Plate	DZR Brass BS EN 12164 CW602N
8	Stem	DZR Brass BS EN 12164 CW602N
9	O Ring	NBR
10	Retaining Ring	Stainless Steel 304
11	Sleeve	Brass BS EN 12164 CW614N
12	Screw	Brass BS EN 12164 CW614N
13	Handwheel	PA
14	Cap	PA
15	Screw	Stainless Steel 304
16	Testing Points	DZR Brass BS EN 12164 CW602N



Dimensions & Coefficients

SIZE (INCH)	DIMENSIONS (mm)	
	A	B
1/2	87	105
3/4	96	106
1	100	127
11/4	114	128
11/2	125	143
2	146	144



SPECIFICATION : Conforms to BS 7350*:1990

END CONNECTIONS : Sizes 1" to 2" taper threaded to BS EN 10226-2 (ISO 7-1) formerly BS 21.

E: info@holmes-uk.com

Valid as of 010522

W: www.holmes-uk.com

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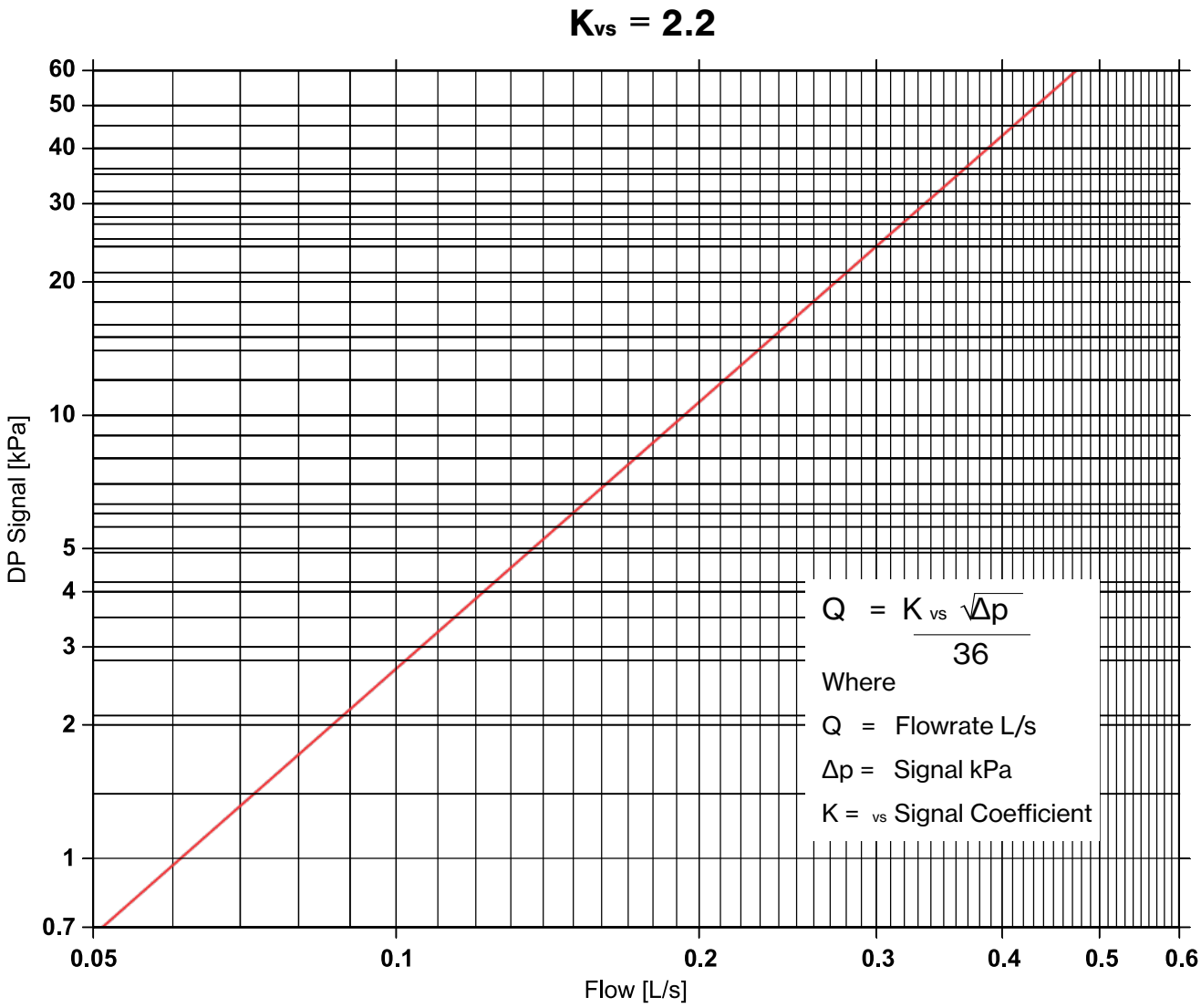
Flow Measurement • Size 1/2" (15mm)



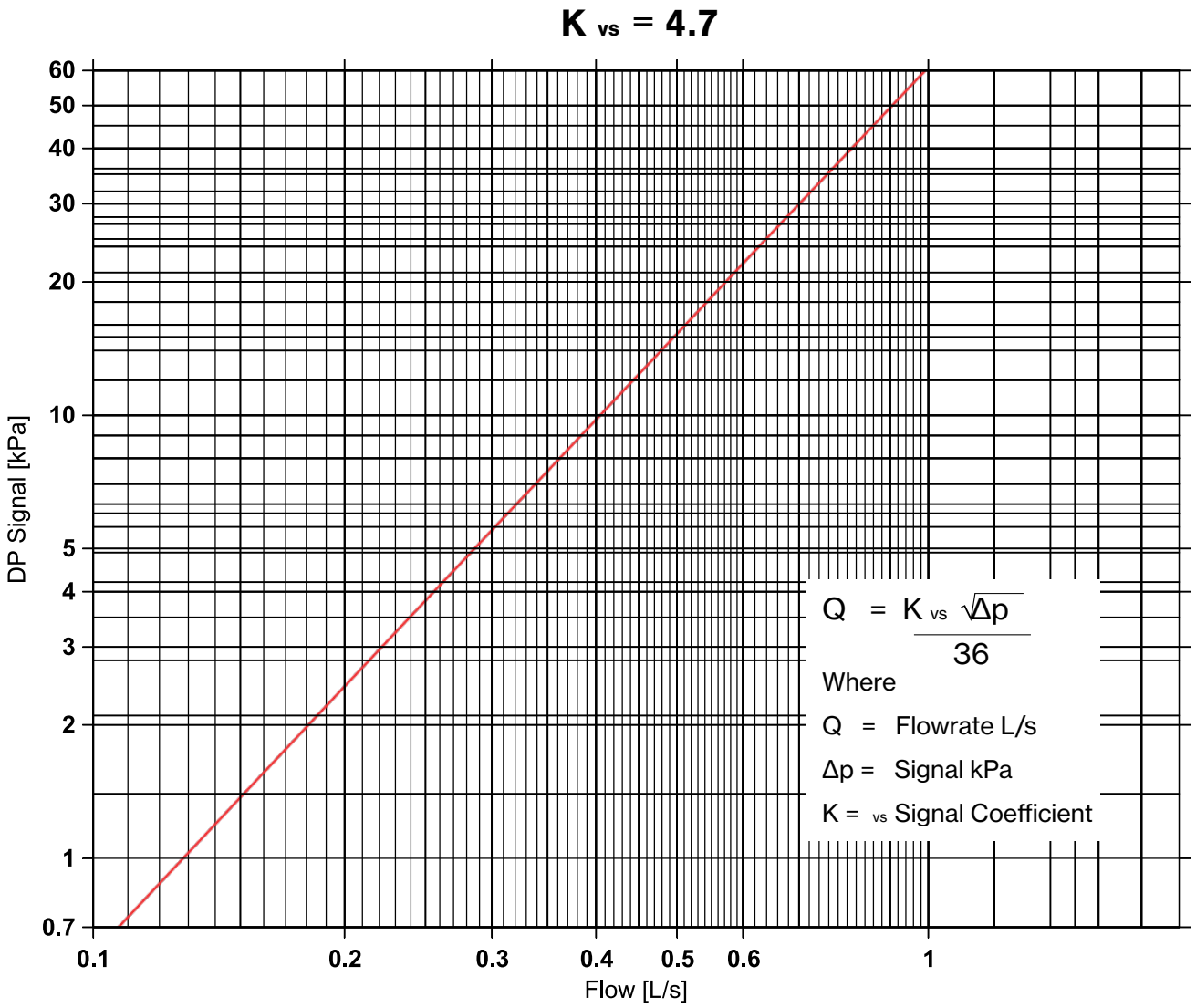
HEAD / PRESSURE LOSS

The loss resulting from the insertion of the device in the pipeline may be calculated by multiplying the signal by the appropriate factor

Fig. No.	Factor
HLZ-200 (Fully open)	1.38

HLZ-200

Flow Measurement • Size 3/4" (20mm)



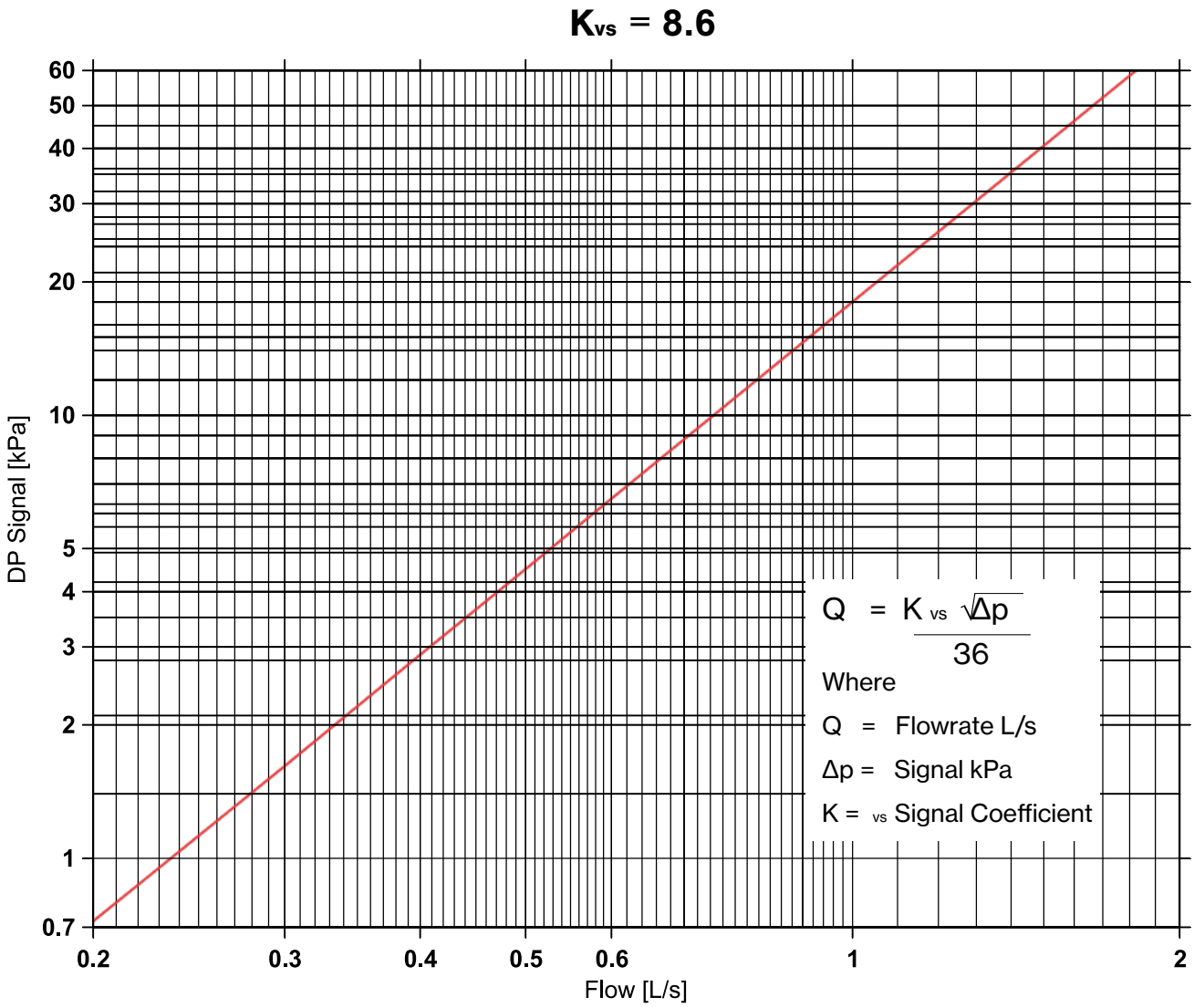
HEAD / PRESSURE LOSS

The loss resulting from the insertion of the device in the pipeline may be calculated by multiplying the signal by the appropriate factor

Fig. No.	Factor
HLZ-200 (Fully open)	2.24

HLZ-200

Flow Measurement • Size 1” (25mm)



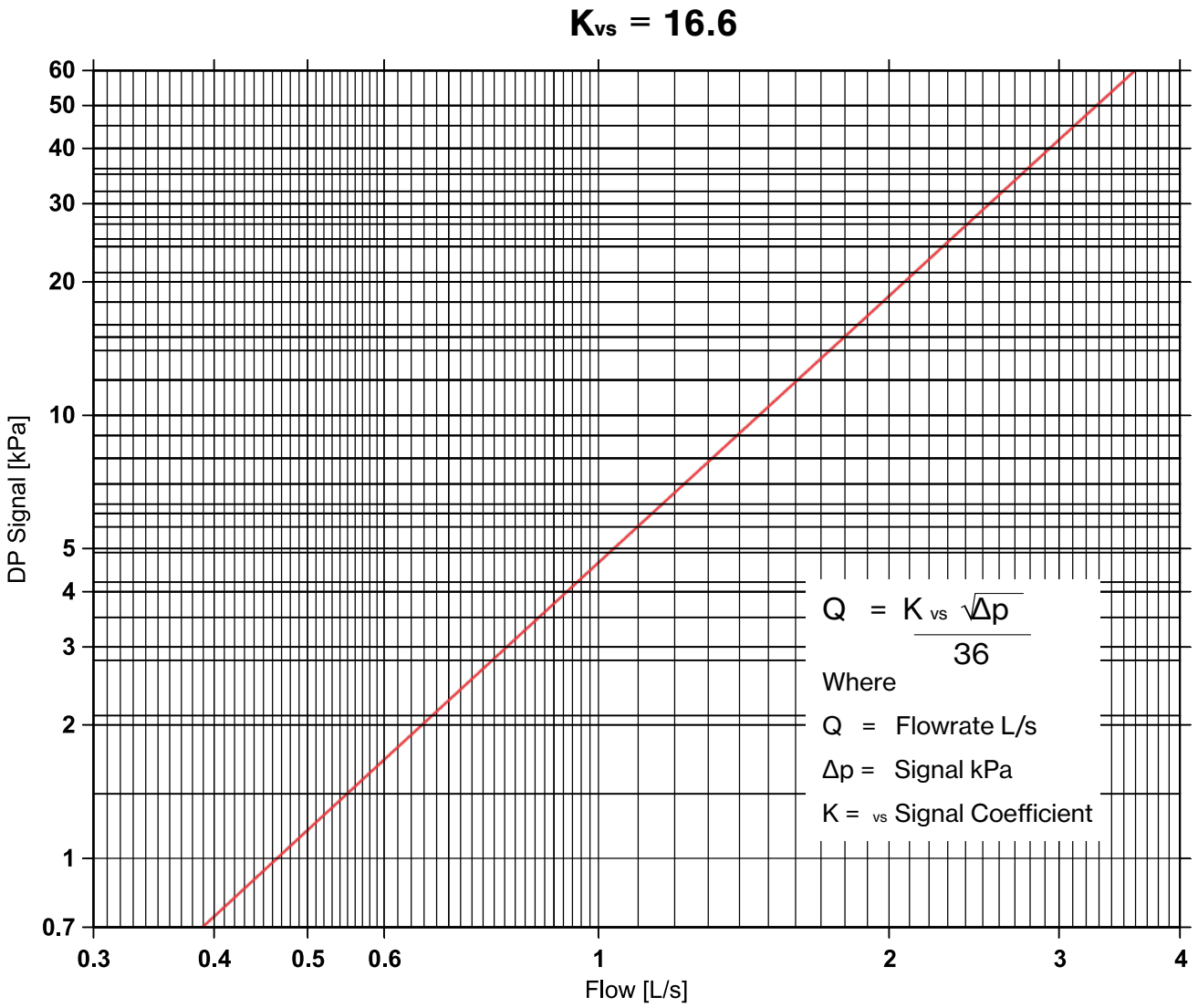
HEAD / PRESSURE LOSS

The loss resulting from the insertion of the device in the pipeline may be calculated by multiplying the signal by the appropriate factor

Fig. No.	**Factor**
HLZ-200 (Fully open)	2.37

HLZ-200

Flow Measurement • Size 1 1/4" (32mm)



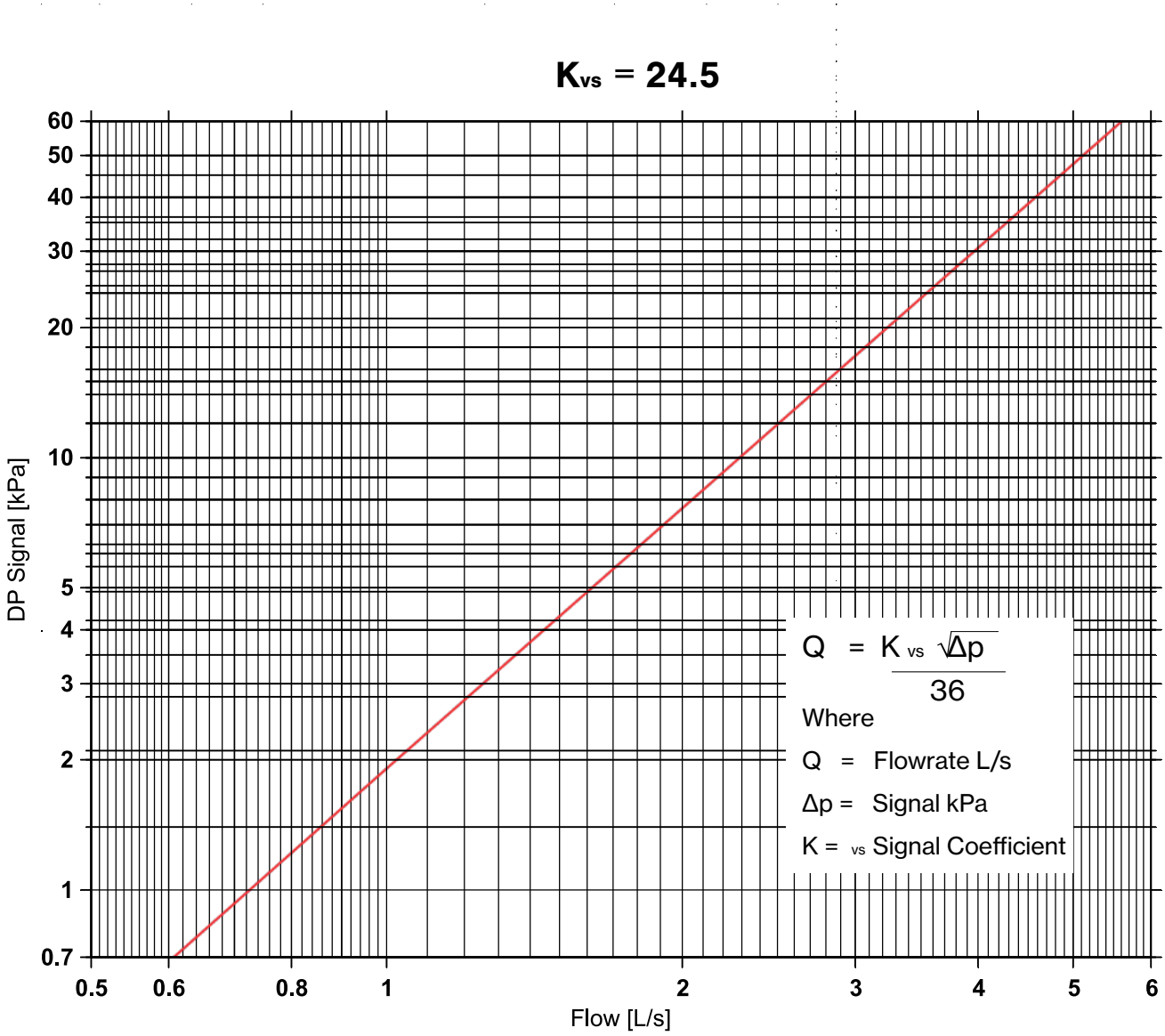
HEAD / PRESSURE LOSS

The loss resulting from the insertion of the device in the pipeline may be calculated by multiplying the signal by the appropriate factor

Fig. No. HLZ-200 (Fully open)	**Factor** 2.37

HLZ-200

Flow Measurement • Size 1 1/2" (40mm)



HEAD / PRESSURE LOSS

The loss resulting from the insertion of the device in the pipeline may be calculated by multiplying the signal by the appropriate factor

Fig. No.	**Factor**
HLZ-200 (Fully open)	1.83

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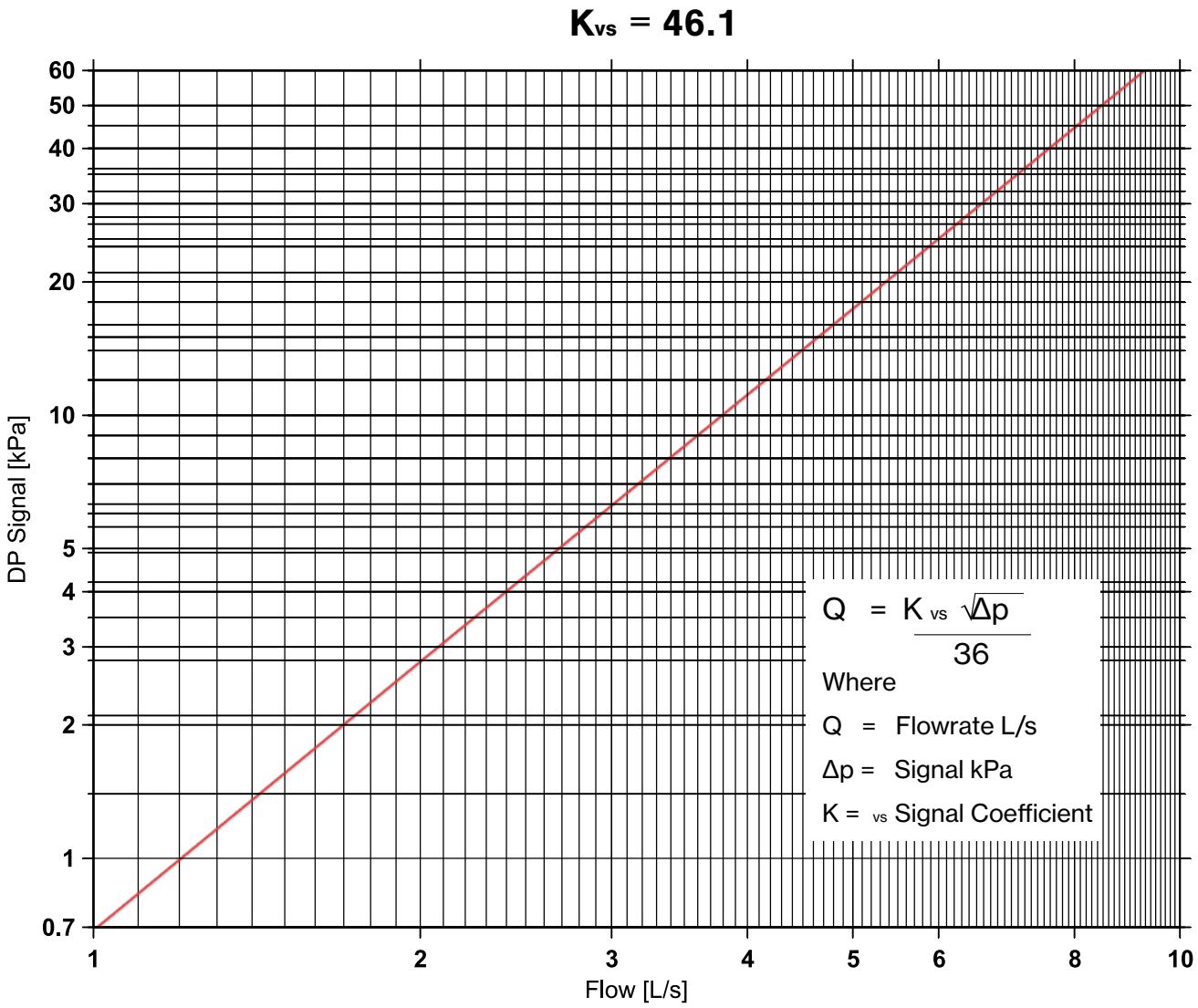
Flow Measurement • Size 2” (50mm)



HEAD / PRESSURE LOSS

The loss resulting from the insertion of the device in the pipeline may be calculated by multiplying the signal by the appropriate factor

Fig. No. HLZ-200 (Fully open)	**Factor** 2.5