



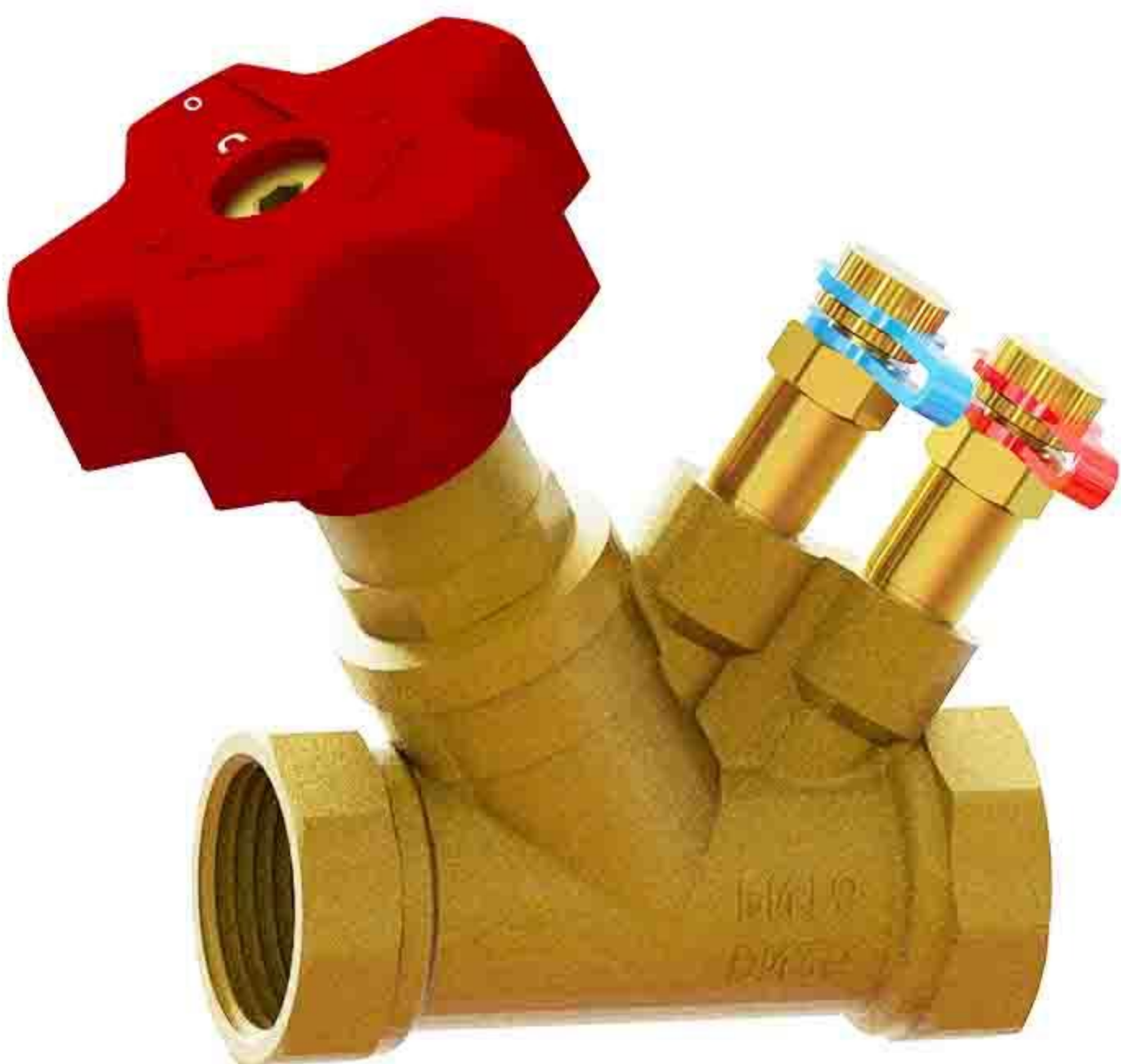
Static differential pressure balancing valve

Function:

Static flow balancing valves are used in hydraulic systems to precisely balance the flow of each branch or each end of the system.

The balance of the circulation system is the premise of ensuring the correct operation of the system according to the design condition, and only under this premise can the system provide maximum thermal comfort and minimize energy consumption.

The threaded balance valve body is equipped with Venturi flow meter, which makes the flow regulation more accurate and the flow detection more convenient



Technical specification

Nominal pressure

NO1.6 MPA

Applicable medium

Water, ethylene glycol mixture

Operating temperature

-20°C~120°C

Regulation precision

±10%

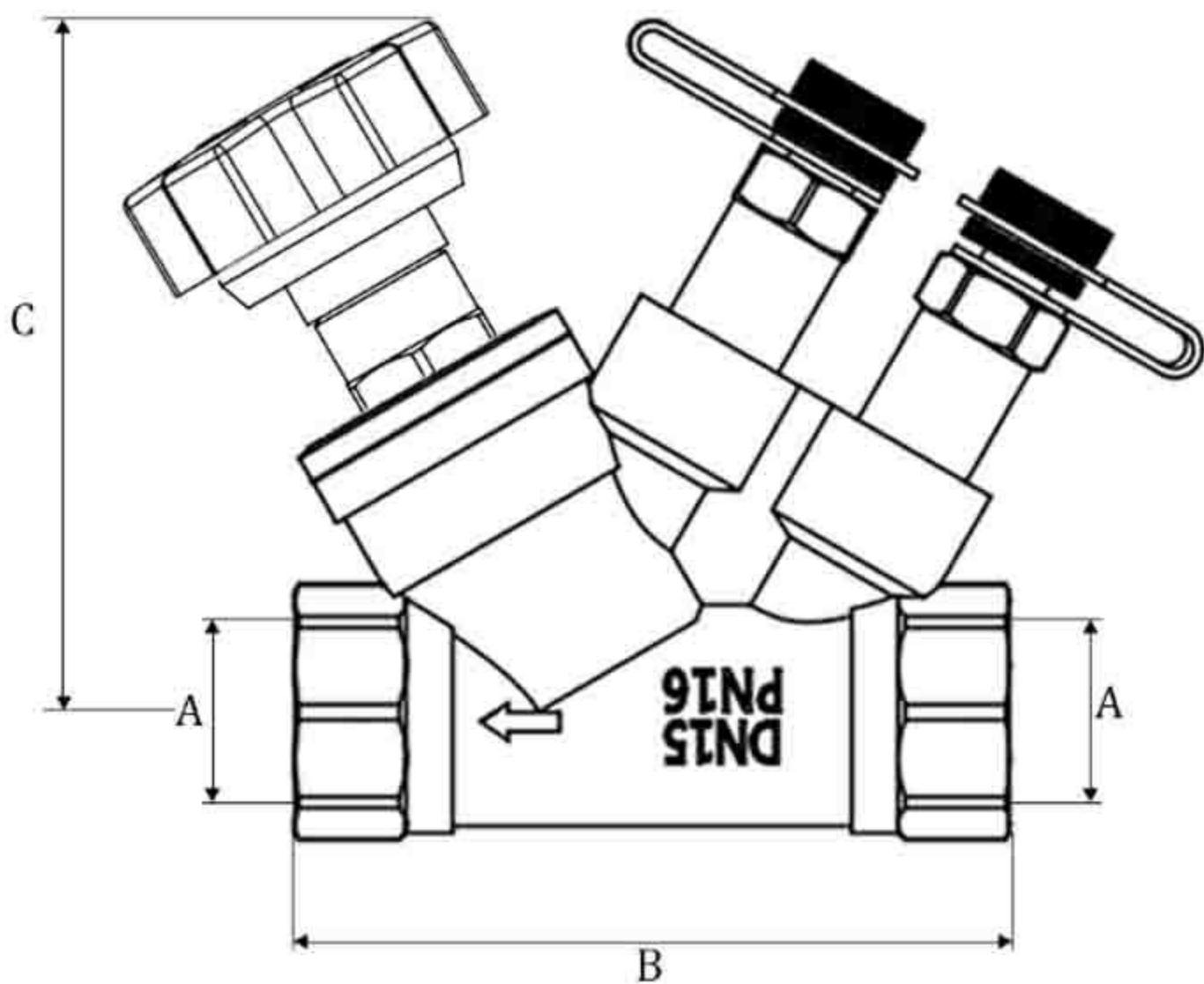
Ethylene glycol mixture

50%

Pressure detection interface

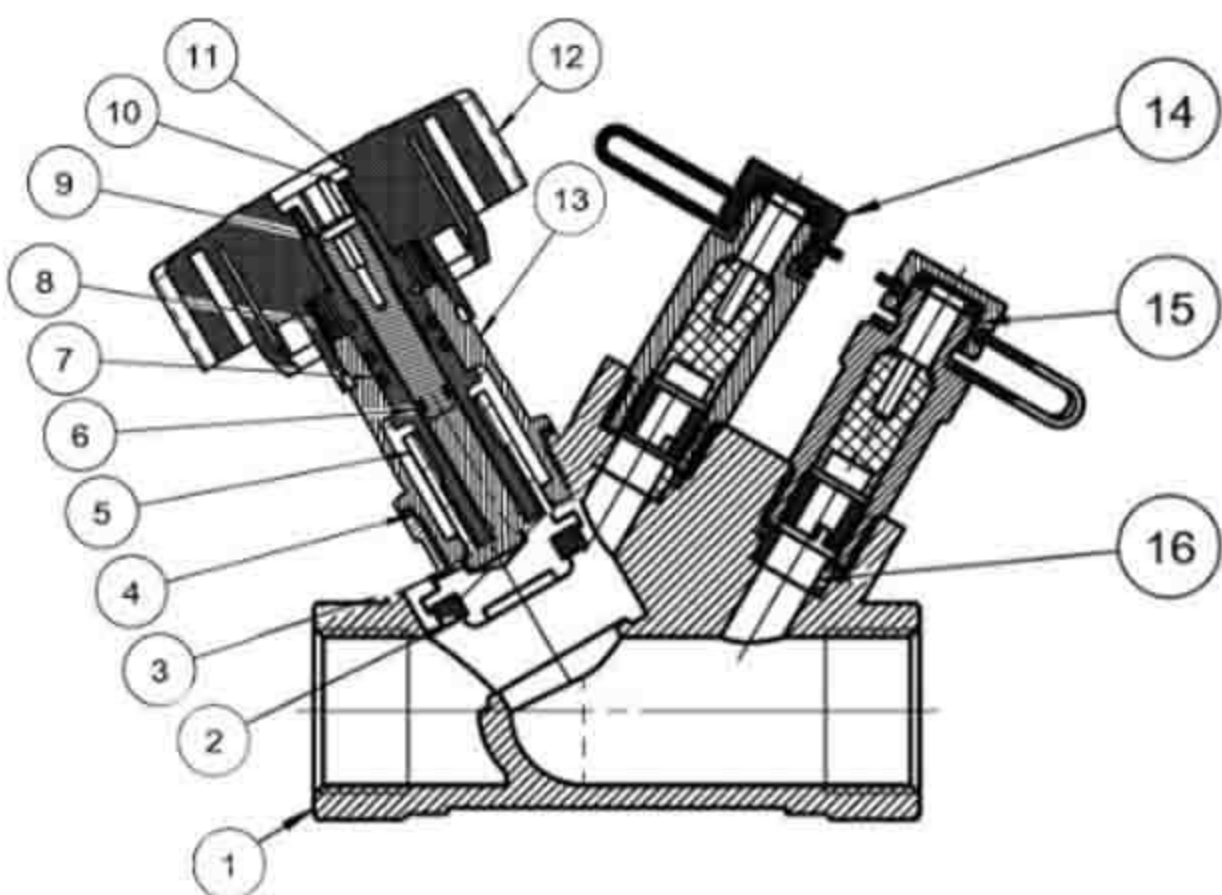
G1/4 "internal thread 7. Number of handwheel turns: 7

Structure size:



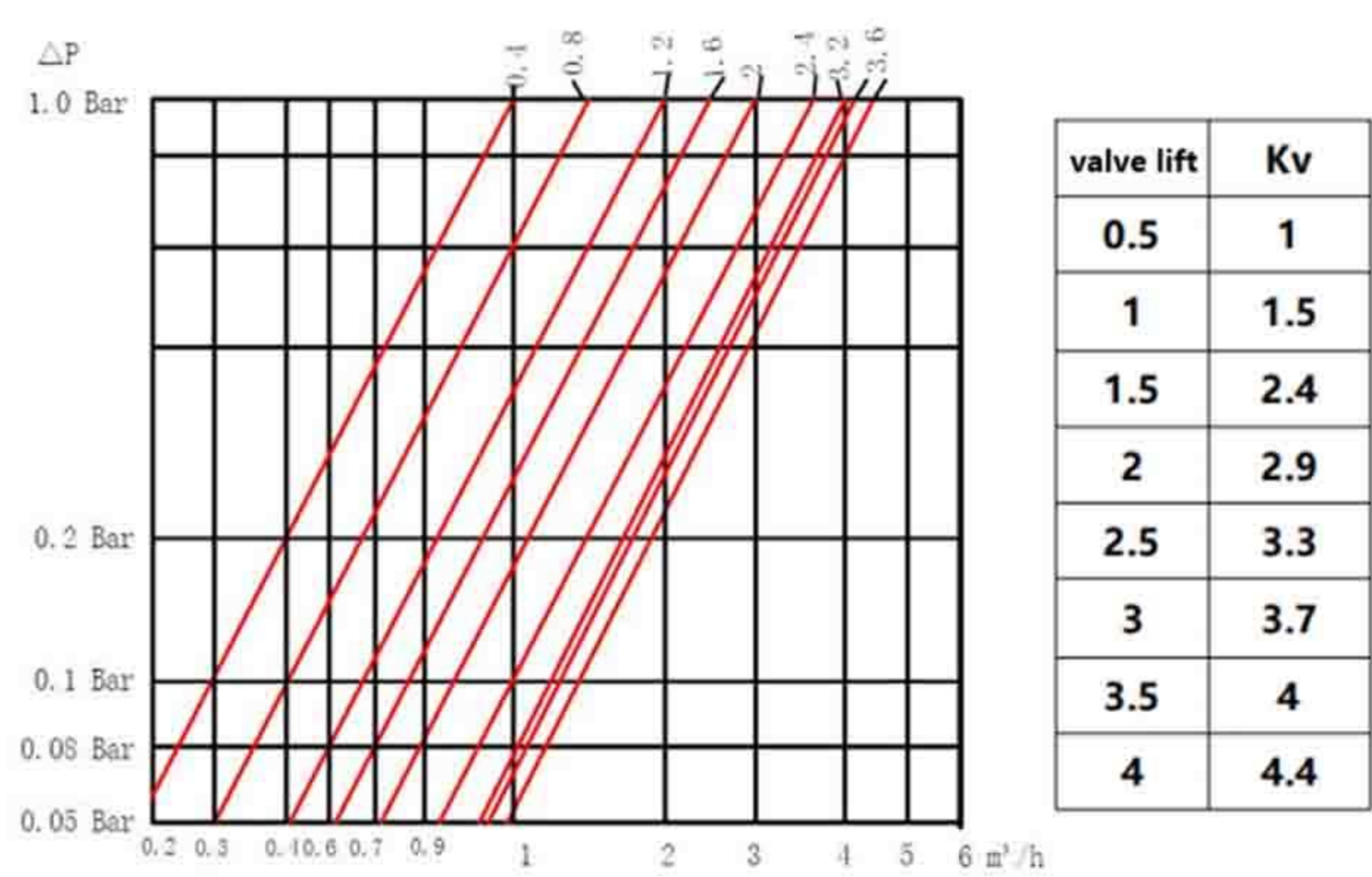
	A	B	C
DN15	G 1/2"	77	90
DN20	G 3/4"	84	98
DN25	G 1"	91	101
DN32	G 1 1/4"	100	108
DN40	G 1 1/2"	114	114
DN50	G 2"	123	123

Materials:

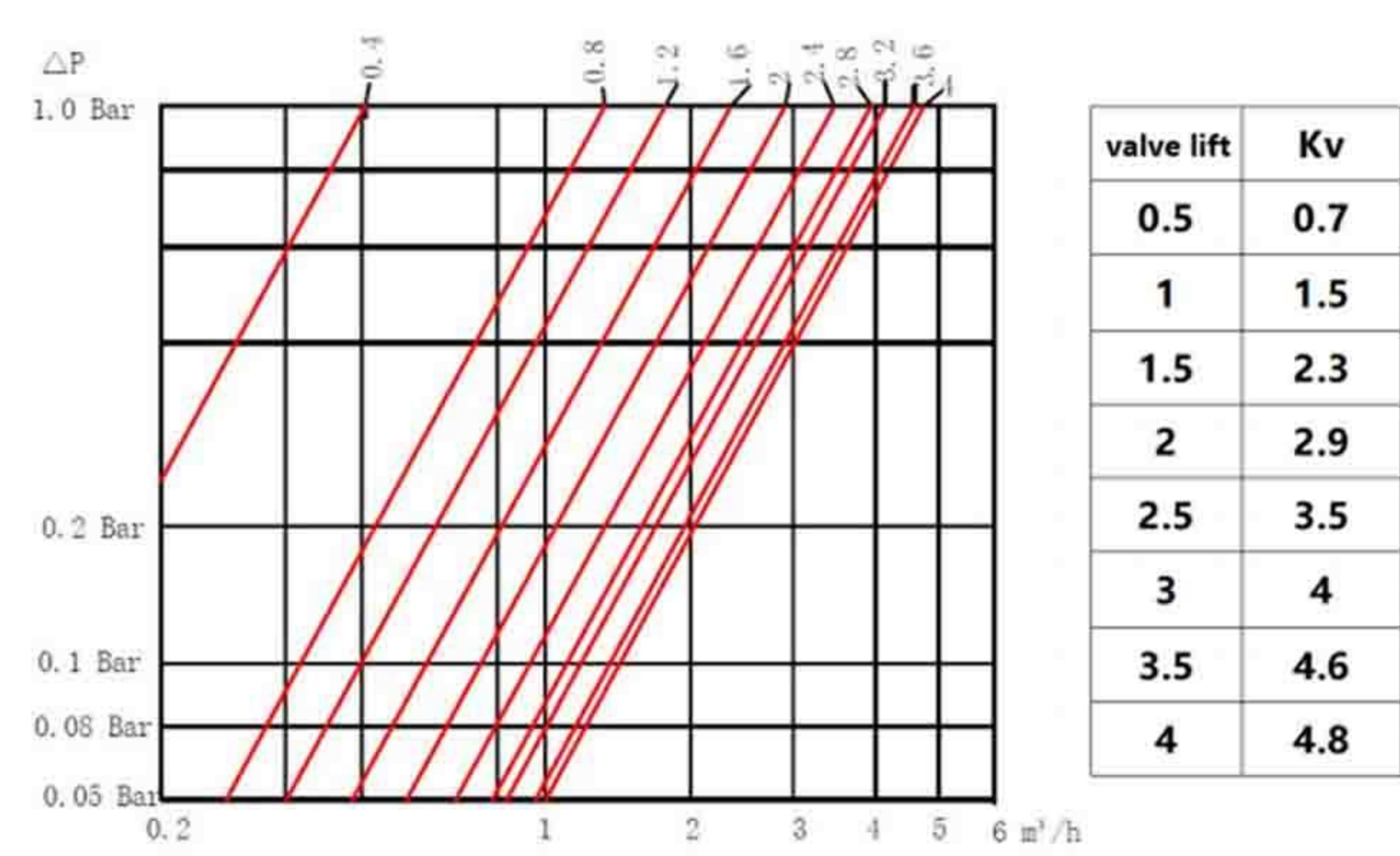


serial number	Name	Materials	serial number	Name	Materials
1	Valve body	HPb57-3	9	Lead screw	HPb57-3
2	Sealing gasket	PTFE	10	valve stem	EPDM
3	Copper rod	HPb57-3	11	keycap	HPb57-3
4	Gasket	PTFE	12	Handwheel	PA66
5	Pressure plate	HPb57-3	13	Bonnet	HPb57-3
6	O-ring	EPDM	14	Pressure sub - red	Module
7	O-ring	EPDM	15	Pressure sub - blue	Module
8	Jump ring	S304	16	Rubber pad	EPDM

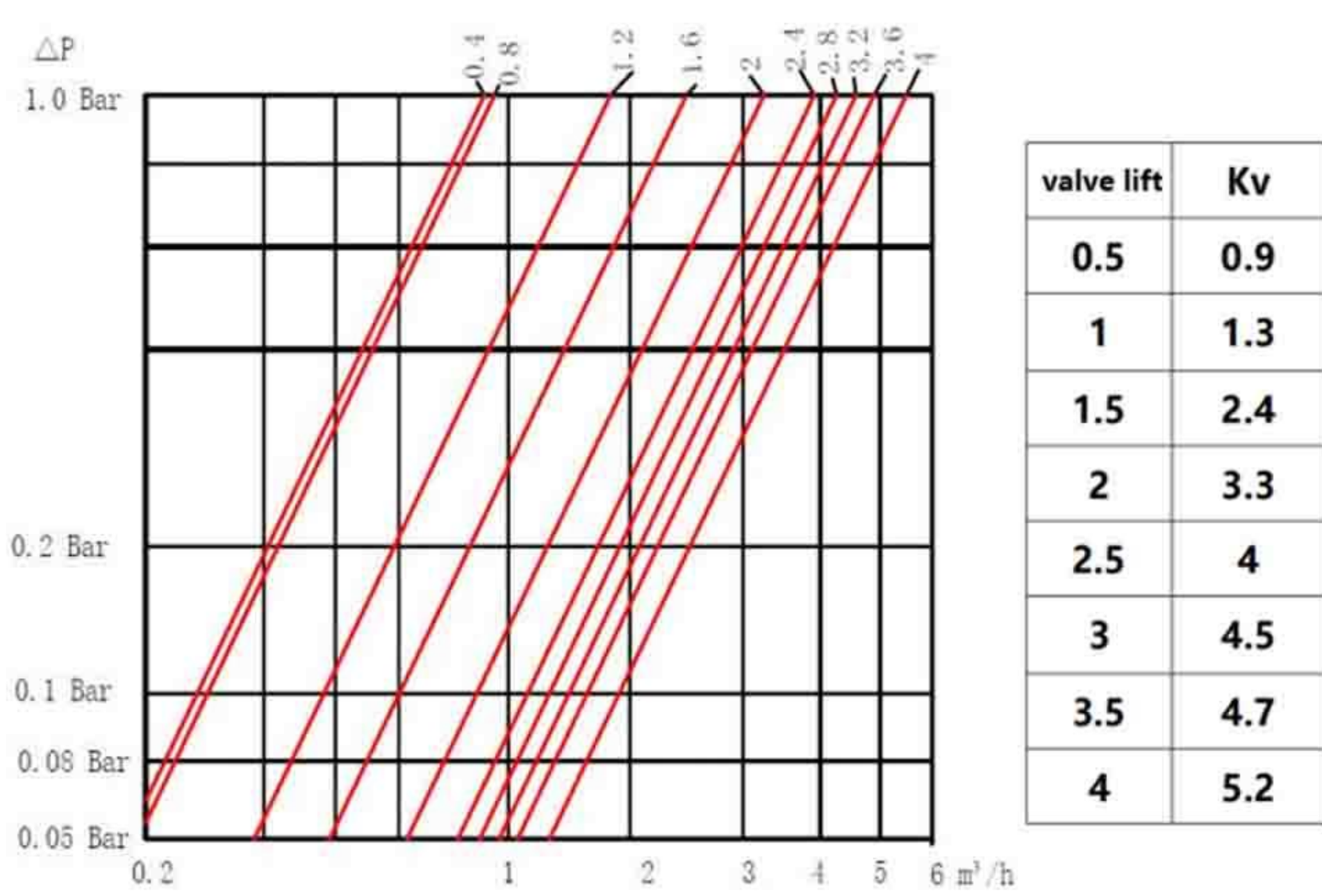
Pressure drop and flow curve: DN15



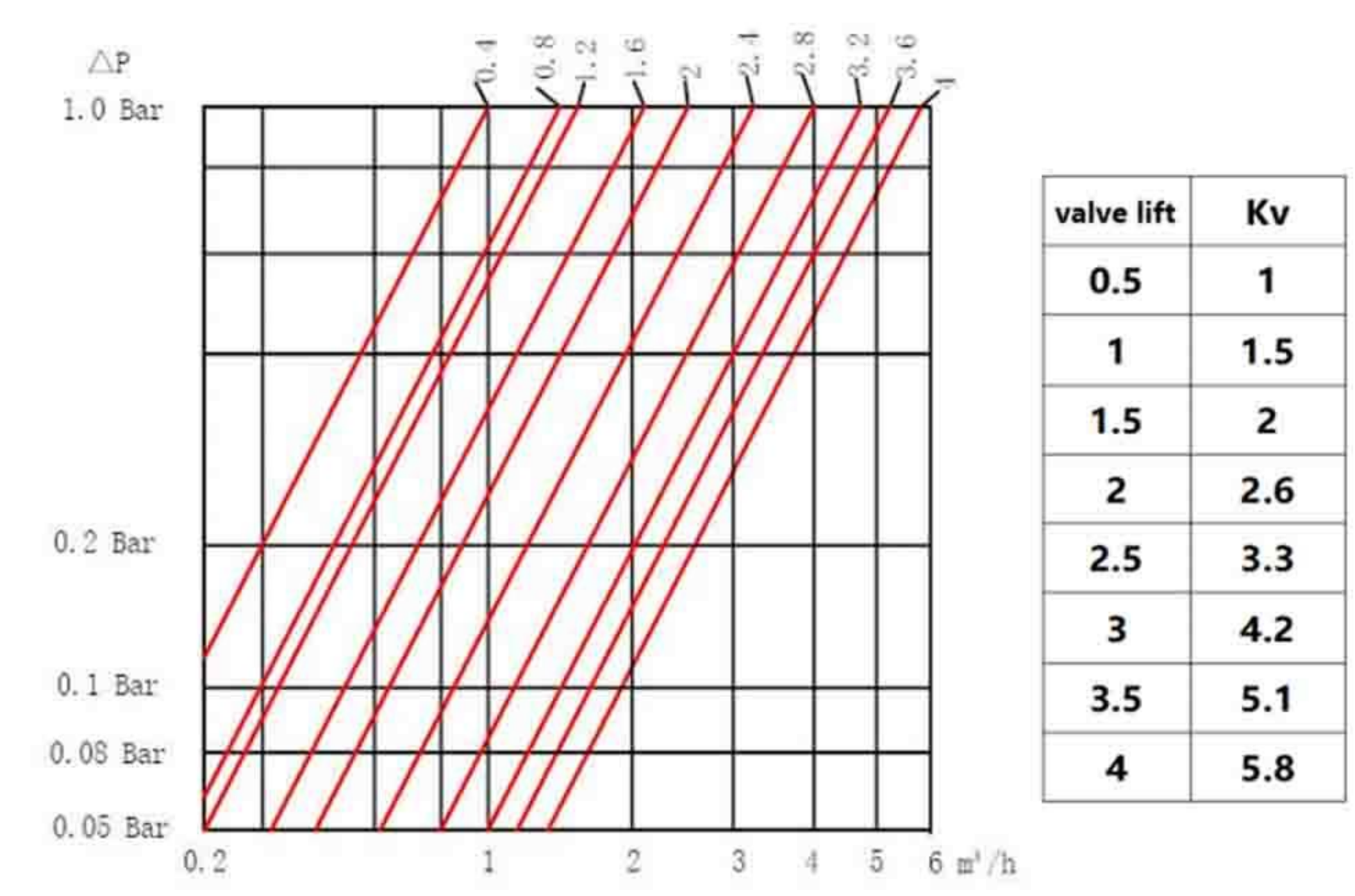
Pressure drop and flow curve: DN20



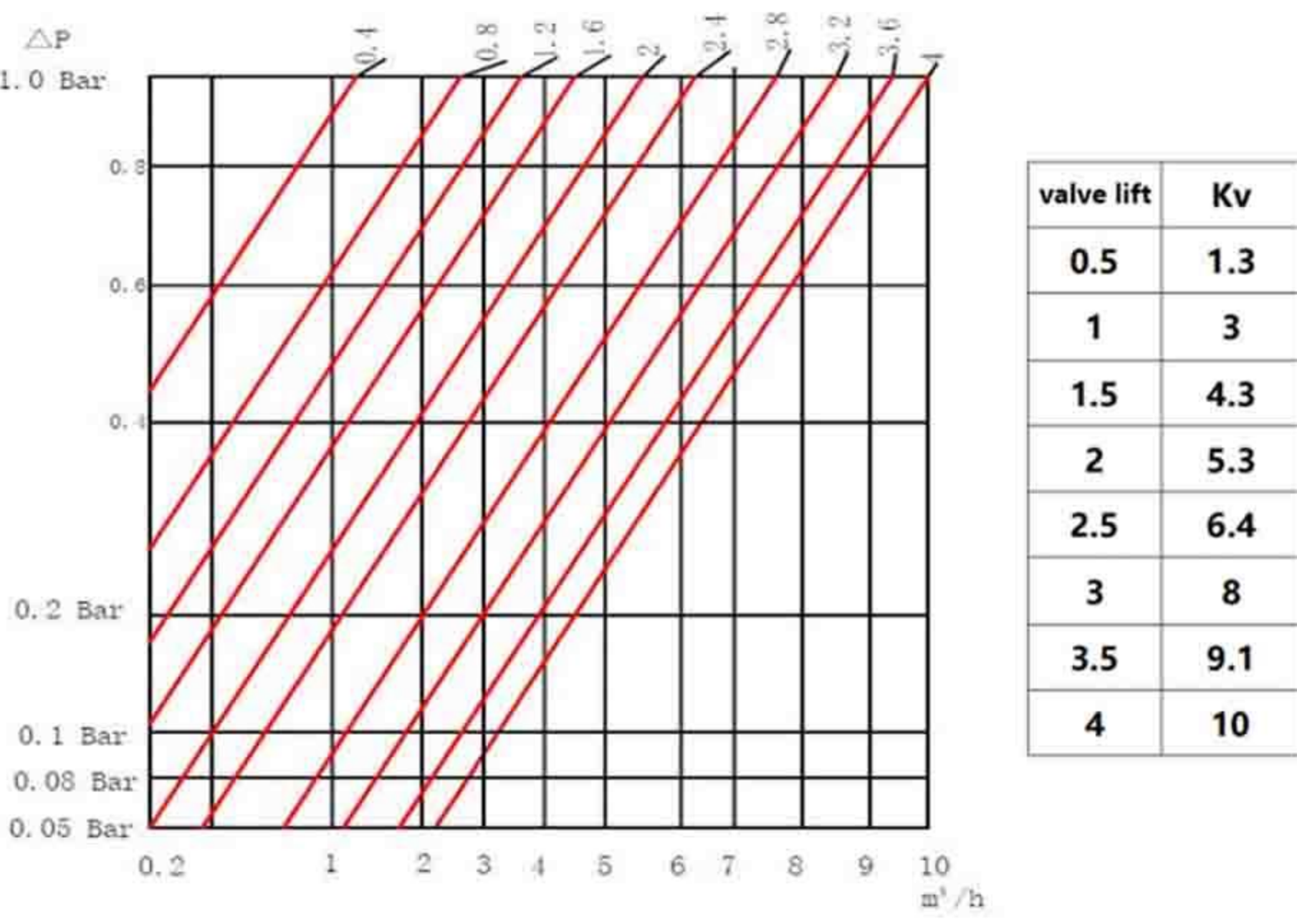
Pressure drop and flow curve: DN25



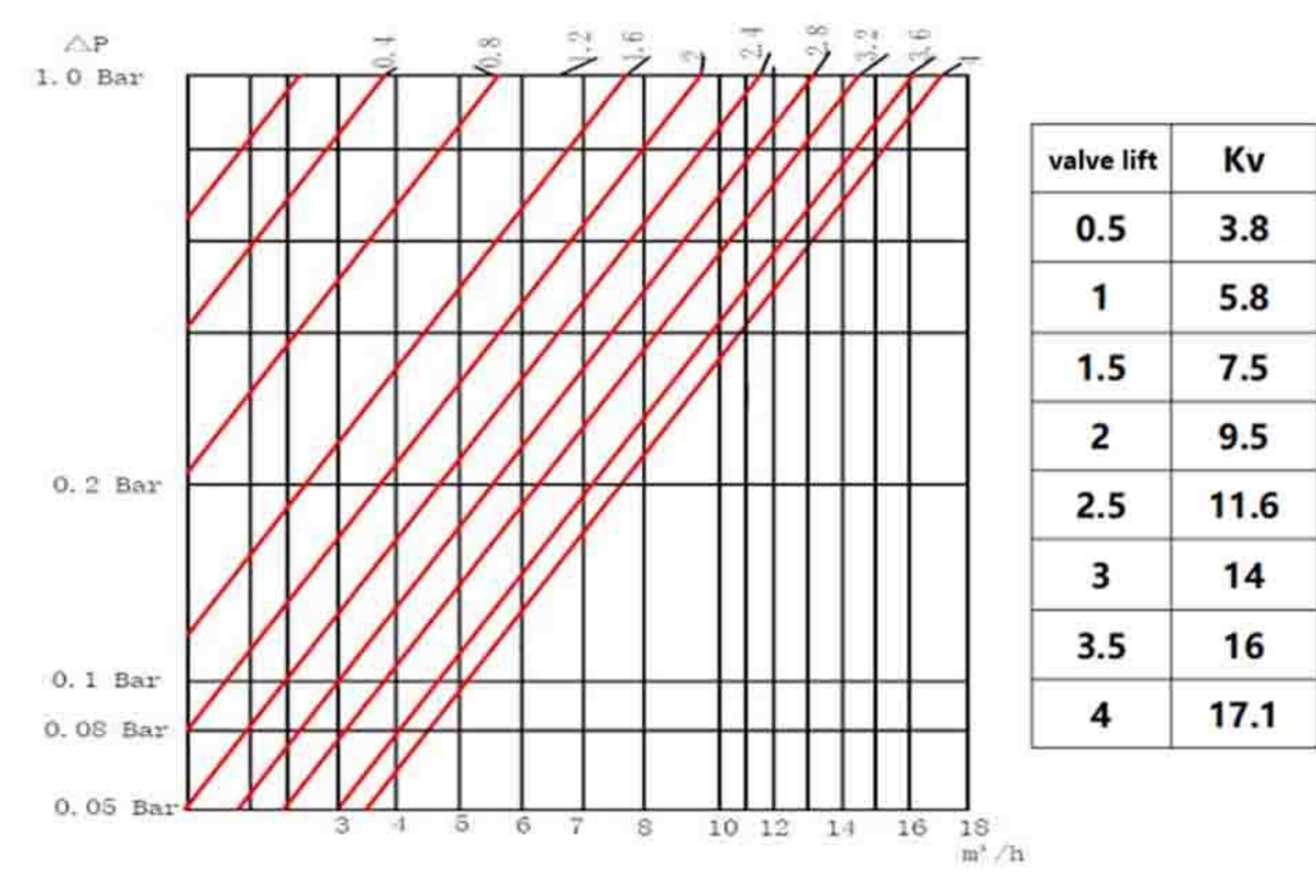
Pressure drop and flow curve: DN32



Pressure drop and flow curve: DN40



Pressure drop and flow curve: DN50



Specification selection drawing

