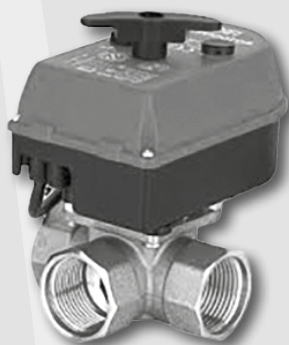


3-WAY DIVERTER VALVE FOR HEATING AND SOLAR



Product description

This three way diverter valve with 230 V electromotor drive is used in closed solar and heating circuits for hydraulic switching or locking. Always install it with the motor block on top. By turning the motor housing, the flow path can be modified in an idle state.

Technical Description

Type		3WW 34	3WW 1	3WW 54
Item no.		1510241	1510242	1510243
Position		When idle, the AB-A path is open If voltage is present, the AB-B path is open		
Electrical wiring	Terminal 1/black	Actuating phase: Valve is actuated if voltage is present Neutral conductor Continuous phase: required for turning back if voltage drops on Terminal 1 and for signal output to Terminal 4 Limit switch output: when the valve has reached the limit position, voltage is output here		
	Terminal 2/blue			
	Terminal 3/brown			
	Terminal 4/red			

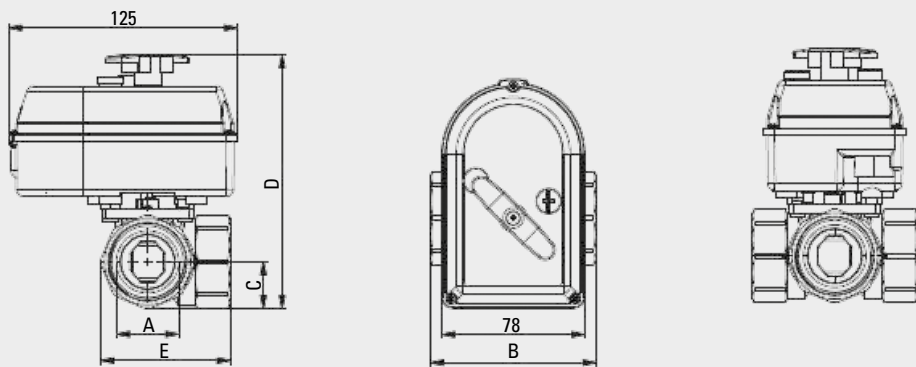
Specifications for drive

Type	3WW 34	3WW 1	3WW 54
Connected voltage		230 V, 50 Hz	
Limit switch		5(1) A, 250 V, 50 Hz	
Power consumption		9 VA during operation 5 VA when idle	
Electrical protection		Class II in accordance with EN60355-1	
Drive protection class		P 44 in accordance with IEC 529	
Time per rotation		18s/90°	
Torque		8 Nm	
Ambient temperature		from 0 to 60	
Connecting cable		4 x 0.5 mm ² , l=2m	

Specifications for valve

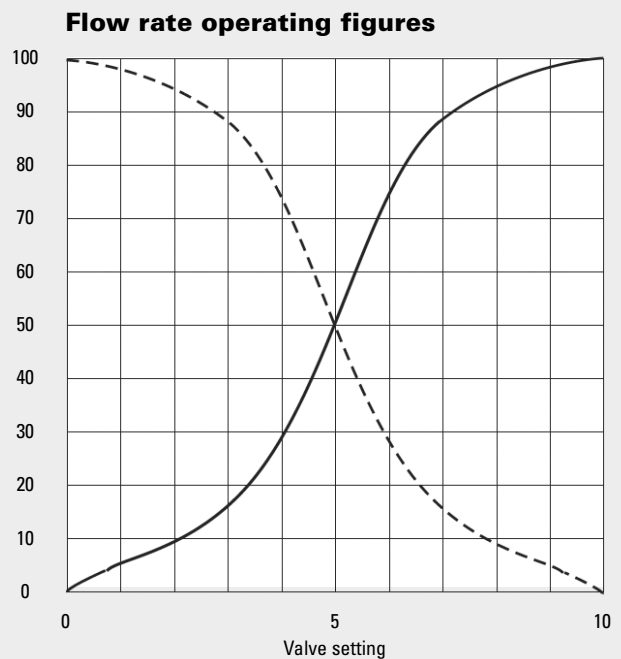
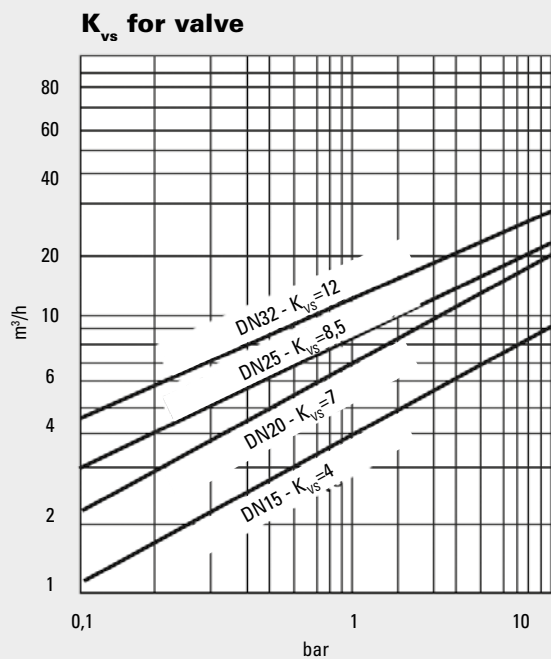
Max. operating temperature	110°C
Max. operating pressure	10 bar
Leckrate	0,2% Kvs
Max. difference pressure	1 bar

3-WAY DIVERTER VALVE FOR HEATING AND SOLAR



Dimensions

Pos.	DN	A	B (mm)	C (mm)	D (mm)	E (mm)	Kvs (m³/h)	Weight (kg)
3WW 34	¾"	20	¾"	17,5	130,5	54	7	0,92
3WW 1	1"	25	1"	20,8	133,8	66	11	1,01
3WW 54	1¼"	32	1¼"	25,5	138	70,5	11	1,19



Connection diagram

