

VDL manual butterfly valve



PVC butterfly valves are widely used in the agricultural sector. The valves are used in water installations as shut-off valves or control valves on both the pressure and suction side of the installation.

The housing of the PVC butterfly valve is made in one piece, thus minimising leakage. Sealing of the butterfly to the housing is effected by a continuous rubber seal on the inside of the housing.

The PVC butterfly valve has an ISO-top fitting enabling it to be automatically operated by means of a pneumatic actuator or electric motor.

TECHNICAL DATA

Diameter	: 75-225 mm / DN65-200
Operation	: manually operated with handle + position indicators
Operator connection	: ISO 5211 (flange for direct installation / ISO-top)
Maximum temperature	: 0 - 60°C (with decreasing maximum working pressure)
Pressure class	: PN10 (Ø75 - 140mm) / PN6 bar (Ø160 - 225mm)
Material	: PVC-U (housing) : PVC-U / stainless steel (damper blade/shaft) : EPDM (seal)

Dimensions (mm) and torque

Diameter	DN	d	d1	d2	d3	d4	d5	Z	Z1	Z2	Z3	B	C	E	S	Nm-b*
75	65	185	106	128/144	90	70	8,5	53	134	92,5	174	108	270	11	11	35
90	80	200	125	145/160	90	70	8,5	56	141,5	100	181	108	270	15	14	40
110	100	220	150	165/190	90	70	8,5	63	151,5	110	192	108	270	15	14	45
140	125	250	188	204/215	90	70	8,5	71	162,5	125	203	108	340	19	17	50
160	150	285	214	230/242	90	70	8,5	78	180	142,5	221	108	340	19	17	60
225	200	340	266	280/298	125	102	11	81	233	170	289	150	420	23	22	75

*Nm-b: Tightening torque for nuts/bolts

