



2/2-way Butterfly Valve with plastic body and manual actuation

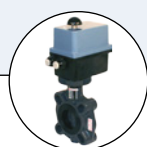
- Rugged one-piece construction
- Low head loss due to oversized bore
- Abrasion resistant double lip seal
- ISO pad for actuator mount; automation-ready
- Other materials available on request

Type 2671 can be combined with...



Pneumatic Actuator

Plus Namur pilot



Type 3003

Electric actuator



Type 8782

Positioner for pneumatic operated valves



Type 3004

Electric actuator for hazardous areas

Bürkert's PVC butterfly valve has a full flanged body with universal hole pattern to suit most standards (lugged version available). The valve is used for fast manual control, particularly in water treatment and aggressive applications. All valves are ISO pad equipped for an automation-ready solution.

This manual valve has an ergonomic hand lever, provided with locking device, quick manoeuvring, flow throttling (10 stops to position the disc every 10°).

The valve may optionally be mounted as an end valve, or for quick discharge from tanks.

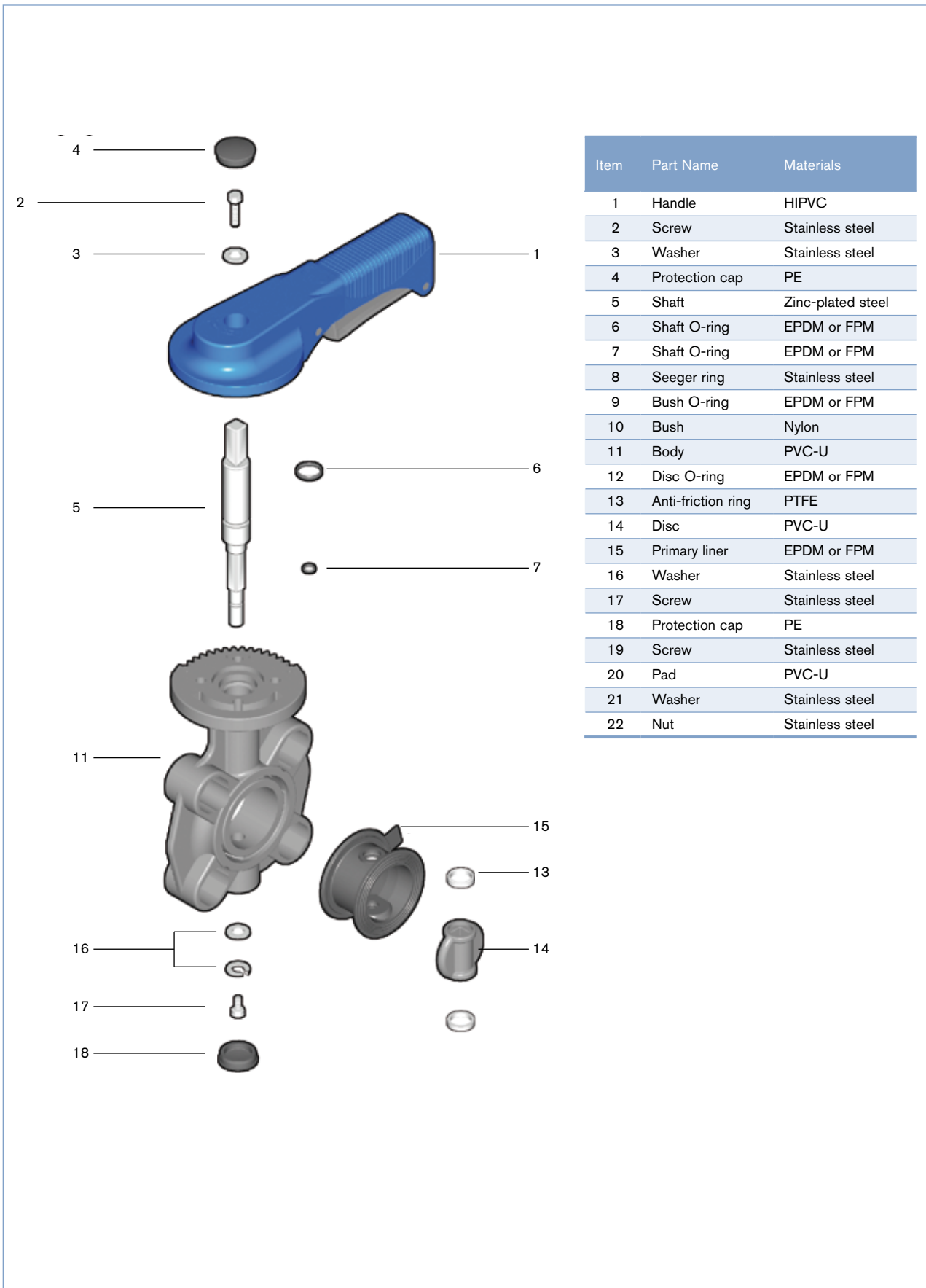
Technical data

Orifice diameter	DN 40 .. DN 200 (1 1/2" .. 8")
Body Material	PVC
Disc Material	PVC [Disks in GR-PP, PP-H, CPVC, ABS, PVDF on request]
Seal Material	EPDM [FKM on request]
Temperature range	0°C to + 60°C (pressure, media, material dependent)
Operating pressure	DN40 & DN50 To 16 bar, at 20°C DN65 + To 10 bar, at 20°C
Body Design	Wafer body with universal hole pattern Lugged body on request
Sealing method	Elastomeric body liner
Actuator types	Graded hand lever, 10 x 10° stops

Applications

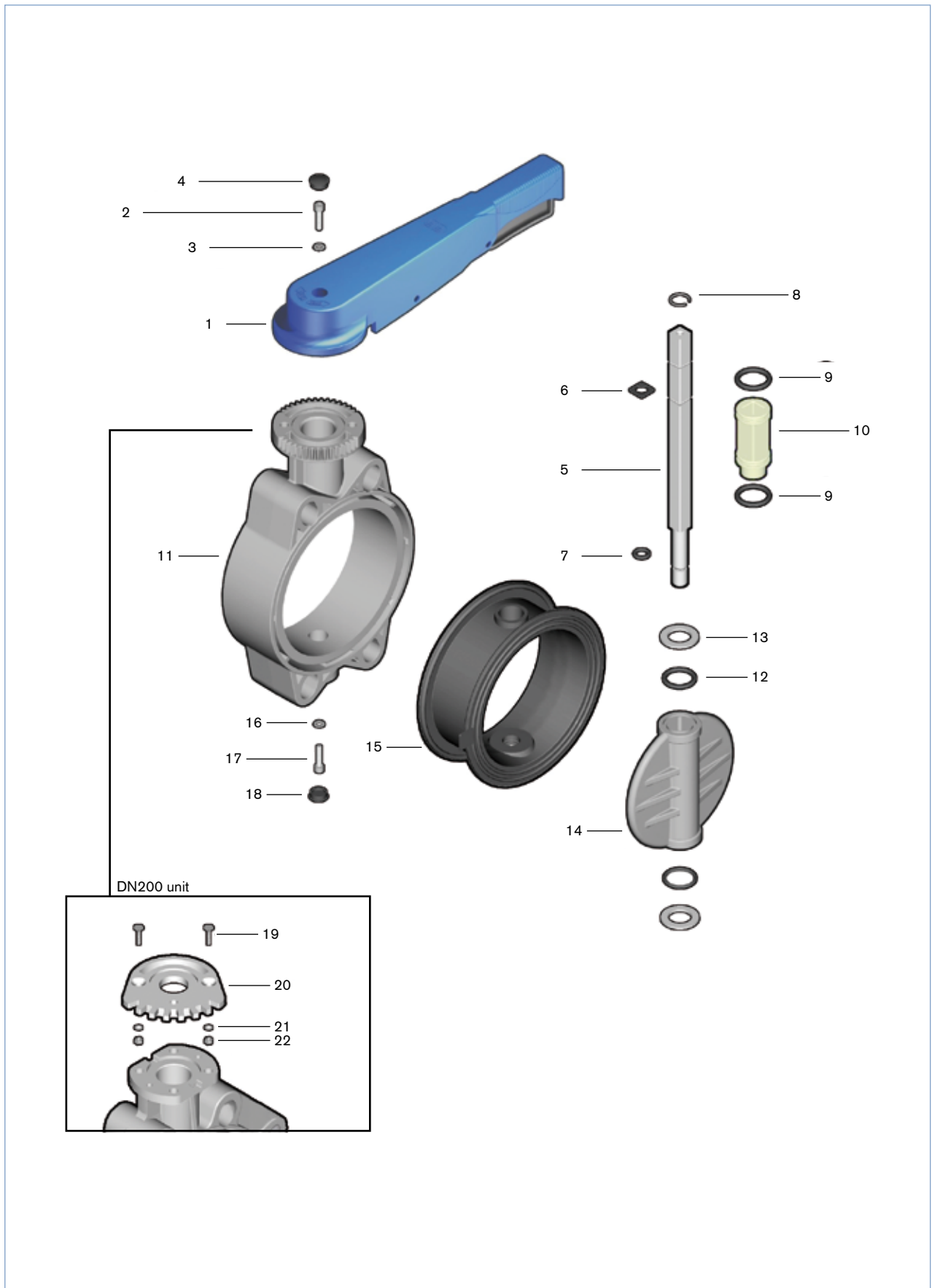
- Water wastewater applications
- Food & beverage
- Chemical and petrochemical
- General manufacturing

Materials [DN40 .. DN50]



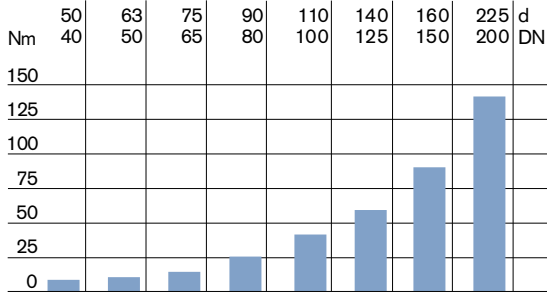
Item	Part Name	Materials
1	Handle	HIPVC
2	Screw	Stainless steel
3	Washer	Stainless steel
4	Protection cap	PE
5	Shaft	Zinc-plated steel
6	Shaft O-ring	EPDM or FPM
7	Shaft O-ring	EPDM or FPM
8	Seeger ring	Stainless steel
9	Bush O-ring	EPDM or FPM
10	Bush	Nylon
11	Body	PVC-U
12	Disc O-ring	EPDM or FPM
13	Anti-friction ring	PTFE
14	Disc	PVC-U
15	Primary liner	EPDM or FPM
16	Washer	Stainless steel
17	Screw	Stainless steel
18	Protection cap	PE
19	Screw	Stainless steel
20	Pad	PVC-U
21	Washer	Stainless steel
22	Nut	Stainless steel

Materials [DN65 .. DN200]

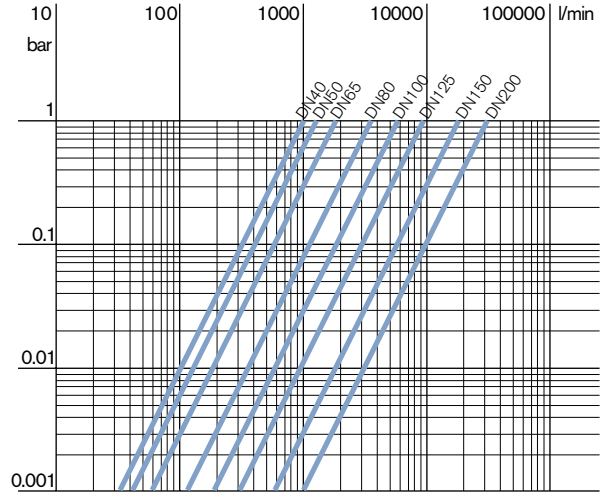


Technical data

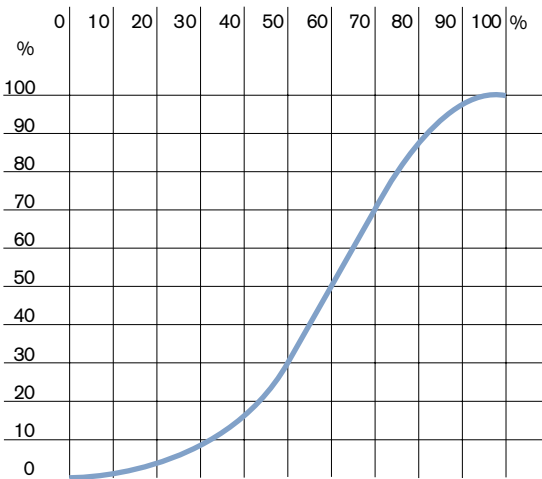
Maximum Torque at Maximum Working Pressure



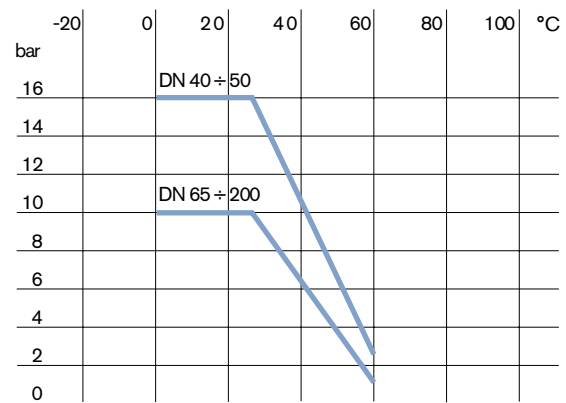
Pressure Loss Chart



Relative Flow Chart



Pressure/Temperature Rating

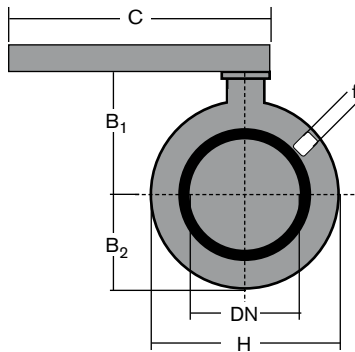


Flow Coefficient K_{V100}

d	50	63	75	90	110	140	160	225
D	40	50	65	80	100	125	150	200
K_{V100}	1,000	1,285	1,700	3,550	5,900	9,850	18,700	30,500

Flow coefficient K_{V100} is the number of litres per minute of water (at a temperature of 20 degrees C) that will flow through a valve with one bar pressure differential at a specified rate. The K_{V100} values shown in the table are calculated with the valve completely open.


Dimensions [mm]



d	DN	PN [bar]	B1	B2	C	H	Depth (face to face)	f	No Holes	Weight [Kg]
50	40	16	60	136	175	132	33	19	4	0.827
63	50	16	70	143	175	147	43	19	4	1.012
75	65	10	80	168	175	165	46	19	4	1.42
90	80	10	90	182	250	130	49	19	4	1.64
110	100	10	105	196	250	150	56	19	4	1.99
125	125	10	121	215	335	185	64	23	4	3.03
140	125	10	121	215	335	185	64	23	4	3.03
160	150	10	132	229	335	210	70	23	4	3.73
200	200	10	161	309	425	325	71	23	8	8.24
225	200	10	161	309	425	325	71	23	8	8.24

Ordering chart for valves (other versions on request)

Manually actuated butterfly valve; with ISO pad & automation-ready

	Function	DN	Kv value [m ³ /h]	Body material	Handle material	Seal material	ID no.
Wafer Manual		65	10 bar	PVC	PVC	EPDM	AU55092
		80	10 bar	PVC	PVC	EPDM	AU55093
		100	10 bar	PVC	PVC	EPDM	AU55094
		125	10 bar	PVC	PVC	EPDM	AU55096
		150	10 bar	PVC	PVC	EPDM	AU55097
		200	10 bar	PVC	PVC	EPDM	AU55098