



**JV080043**  
Cast / Ductile Iron  
Standard Ball  
Lift Type  
Check (Non-Return) Valve  
Flanged  
PN16/10



A simple and economical standard ball check (non-return) valve with a ductile iron body.

This valve has a very low cracking pressures and pressure drops.

It can be installed in the horizontal and vertical positions.

**Approvals, Features & Benefits**

- Simple & economical
- Low cracking pressure
- Low pressure drop
- Easy maintenance
- Full bore

**Pressure & Temperature**

Pressure range:-  
PN10 Rated

Temperature Range:-  
-10°C to 70°C

DN	40	50	65	80	100	125	150	200	250	300	350	400	500
<b>A</b>	90	115	135	160	190	222	268	335	420	495	580	730	900
<b>ØB</b>	150	165	185	200	226	253	285	342	403	445	505	565	670
<b>C</b>	120	140	155	185	220	255	290	370	380	445	520	712	772
<b>F to F</b>	180	200	240	260	300	350	400	500	600	700	800	900	1100
<b>Kv</b>	60	81	130	255	400	645	970	2000	3050	4150	5100	6600	9700
<b>Cracking Pres. (mmwc) ▲</b>	16	21	22.3	67	87.1	92.9	122.9	146.6	118.4	155	168.5	186.2	49.4
<b>Cracking Pres. (mmwc) ►</b>	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Flange</b>	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN16	PN10	PN10	PN10	PN10	PN10
<b>Weight Kg</b>	8.2	9.4	12.5	15	20	30	38	70	125	180	290	420	580

**MATERIALS**

<b>Body &amp; Bonnet (DN40-200)</b>	Epoxy Coated Cast Iron (GG-25)
<b>Body &amp; Bonnet (DN250-500)</b>	Epoxy Coated Ductile Iron (GGG-40)
<b>Ball (DN40-200)</b>	NBR Coated Aluminium
<b>Ball (DN250-500)</b>	NBR Coated Ductile Iron
<b>Gasket</b>	Elastomer / NBR
<b>Bolting</b>	Stainless Steel