

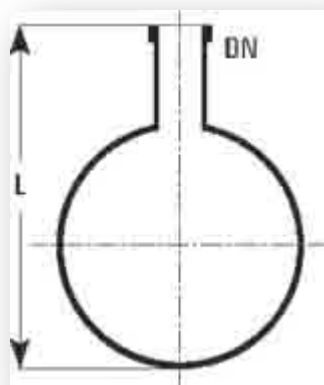
## SPHERICAL VESSELS

SPHERICAL VESSELS - General Data.

Nominal Capacity (Ltrs.)	Maximum Pressure (Bar)
5	1
5	0.8
20	0.7
50	0.5
100	0.4
200	0.3
300	0.2
500	0.1

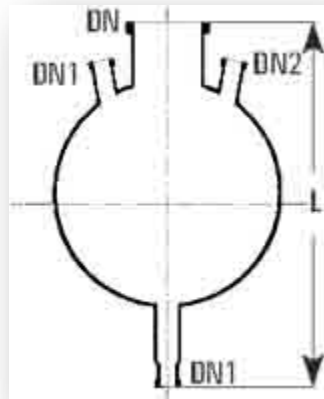
### SINGLE NECK SPHERICAL VESSEL

Cat.Ref.	Nominal Capacity	L	DN
VSA5	5 L	300	50
VSA10	10 L	375	80
VSA20	20 L	450	100
VSA50	50 L	600	150
VSA100	100 L	700	225
VSA200	200 L	900	300
VSA300	300 L	1000	400
VSA500	500 L	1200	450



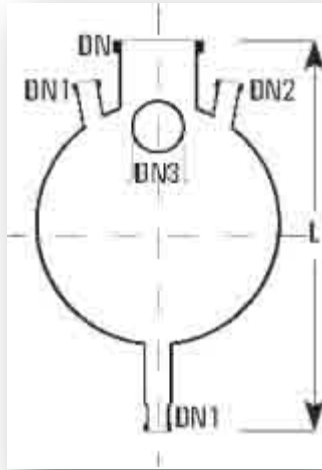
THREE NECK BOTTOM OUTLET SPHERICAL VESSELS

Cat.Ref.	Nominal Capacity	L	DN	DN1	DN2
VSM5	5 L	450	50	25	25
VSM10	10 L	500	80	25	25
VSM20*	20 L	575	100	25	25
VSM50*	50 L	800	150	40	40
VSM100	100 L	900	225	40	40
VSM200	200 L	1100	300	40	40
VSM300	300 L	1175	400	50	50
VSM500	500 L	1400	450	50	50



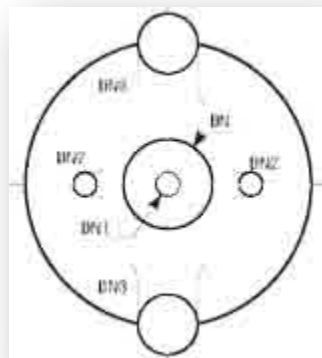
FOUR NECK BOTTOM OUTLET SPHERICAL VESSELS

Cat.Ref.	Nominal Capacity	L	DN	DN1	DN2	DN3
VSPL5	5 L	425	50	25	25	40
VSPL10	10 L	500	80	25	25	40
VSPL20	20 L	575	100	25	25	40
VSPL50	50 L	800	150	40	40	100
VSPL100	100 L	900	225	40	40	100
VSPL200	200 L	1100	300	40	40	100
VSPL300	300 L	1175	400	50	50	100
VSPL500	500 L	1400	450	50	50	150



FIVE NECK BOTTOM OUTLET SPHERICAL VESSEL

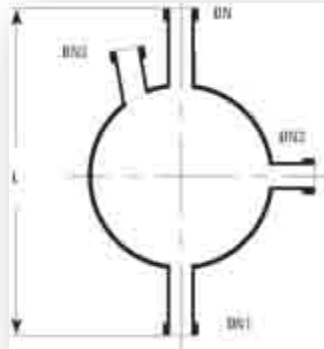
Cat.Ref.	Nominal Capacity	L	DN	DN1	DN2	DN3
VS 5	5 L	425	50	25	25	40
VS 10	10 L	500	80	25	25	40
VS 20	20 L	575	100	25	25	40
VS 50*	50 L	800	150	40	40	100
VS 100*	100 L	900	225	40	40	100
VS 200*	200 L	1100	300	40	40	100
VS 300	300 L	1175	400	50	50	100
VS 500	500 L	1400	450	50	50	100



SPHERICAL VESSELS WITH NOZZLE AT 90°

These vessels are used in Circulatory Boiler System and are to be supported on a vessel holder. More nozzles can be provided on the equator on request for special requirements.

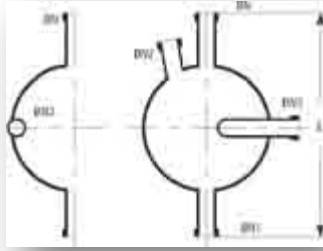
Cat.Ref.	Nominal Capacity	L	DN	DN1	DN2	DN3
VSD5	5 L	425	50	25	25	50
VSD10	10 L	500	80	25	25	50
VSD20	20 L	575	100	25	25	50
VSD50	50 L	800	150	40	40	80
VSD100	100 L	900	225	40	40	80
VSD200	200 L	1100	300	40	40	150
VSD300	300 L	1175	400	50	50	150
VSD500	500 L	1400	450	50	50	150



#### SPHERICAL CYCLONES

Cyclones can be used for the separation of droplets and solids from gases and vapours. Cyclones are to be supported on a vessel holder. A dip pipe should be used on the top neck.

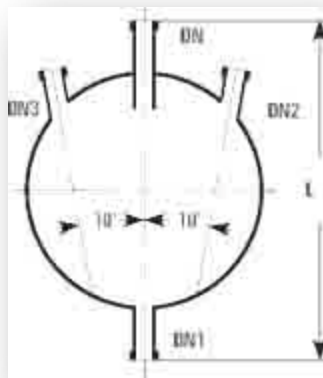
Cat.Ref.	Nominal Capacity	L	DN	DN1	DN2	DN3
VSCY5	5 L	425	50	25	25	40
VSCY10	10 L	500	80	25	25	40
VSCY20	20 L	575	100	25	25	50
VSCY50	50 L	800	150	40	40	50



#### SPHERICAL RECEIVERS

Receivers are provided with built-in drip pipe. These are to be supported on a vessel holding ring.

Cat.Ref.	Nominal Capacity	L	DN	DN1	DN2 (100)	DN3 (100)
VR5*	5 L	350	25	25	25	
VR10*	10 L	425	25	25	25	
VR20*	20 L	500	25	25	25	
VR50	50 L	675	40	25	25	
VRB5*	5 L	350	25	25	25	25
VRB10	10 L	425	25	25	25	25
VRB20*	20 L	500	25	25	25	25
VRB50	50 L	675	40	25	25	25

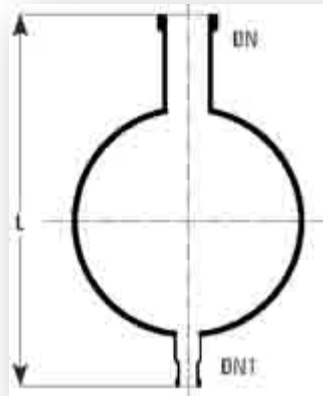


#### ADDITION VESSELS

These vessels are provided with a short bottom outlet. These should be supported on a vessel holder/ holding ring.

Cat.Ref.	Nominal Capacity	L	DN	DN1
VA5*	5 L	375	360	50
VA10*	10 L	435	80	25

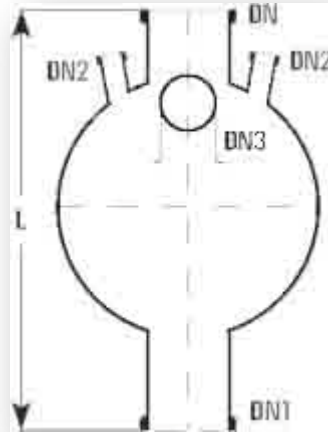
VA20*	20 L	510	100	25
VA50	50 L	675	150	40
VA100	100 L	775	225	40
VA200	200 L	975	300	40
VA300	300 L	1075	400	50
VA500	500 L	1400	450	50



#### SPHERICAL VESSELS WITH WIDE BOTTOM OUTLET

These vessels are generally used to fit immersion exchangers in the bottom. Special heating mantle or bath should be used if used with.

Cat.Ref.	Nominal Capacity	L	DN	DN1	DN2	DN3
VSR50	50 L	750	150	150	40	100
VSR100	100 L	850	225	150	40	100
VSR200	200 L	1050	300	150	40	100
VSE50	50 L	800	150	225	40	100
VSE100	100 L	900	225	225	40	100
VSE200	200 L	1100	300	225	40	100



#### VESSELS WITH BOTTOM OUTLET VALVE SEAT

To fit a bottom outlet valve (BAL type) all spherical and cylindrical vessels can be supplied with valve seat in bottom outlet. For this, Add a suffix "/B" to the catalogue reference of a vessel, for e.g. 'VSL50' should be mentioned as 'VSL50/B'.