Low pressure heads (R=1,2D till 1,4D)

General information					Material			
Diam. (D) outside (mm)	Thickness (S) (mm)	Height (H) outside (mm)	Capacity (litre)	Weight (kg)	S235JRG2	P265GH	1.4301	1.4404
200	3	50	1	1.5	NS			
250	2	50	1.7	1.4	NS			
250	3	51	1.7	2	ST			
300	2	60	2.6	1.8	ST			
300	3	65	2.6	2.6	ST			
350	3	65	3.8	3.2	ST			
380	3	85	4.6	4.5	ST			
400	2	70	5.3	3.1	ST			
400	3	75	5.3	4.7	ST			
450	3	83	7.1	5.7	ST			
500	3	110	9.3	7.2	ST			
500	5	110	9.1	12.4	ST			
550	5	115	11.6	13.9	ST			
600	3	115	14.8	10.3	ST			
600	5	128	14.6	17.2	ST			
650	3	123	10.8	11	ST			
650	5	123	18	17.2	ST			
700	4	105	24.9	14.5	ST			
750	3	135	30	15.6	ST			
750	5	130	29.6	21.6	ST			
800	3	123	35.4	14.1	ST			
800	5	157	35	24.8	ST			
900	4	139	47.8	23.6	ST			
900	5	160	46.6	31.1	ST			
1000	4	144	63.1	28.8	ST			
1100	4	160	81.3	42.5	ST			
1100	5	180	80.9	53	ST			
1270	4	175	119.4	47.5	ST			

Remarks:
Capacity en weight are based on
r=15mm en h=15mm (from 200mm till 650mm)
r=20mm en h=20mm (from 700mm till 1270mm)

ST = standard
NS = non standard

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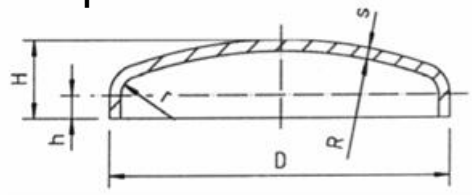
Low pressure heads



D	=	outside dimension	
s	=	wall thickness before forming	
r	=	inside knuckle radius	(10 till 60)
R	=	inside radius	(1,2 till 1,40)
h	=	Straight flange height	
H	=	total height	

Tolerances

Material	**Diameter in mm**	**Tolerance** *(on the circumference*
Unalloyed steel and Low alloy steel	D < 100	+3 / -3 mm
	$100 \leq D < 300$	+4 / -4 mm
	$300 \leq D < 1000$	+0.4 / -0.4 %
	$1000 \leq D < 4000$	+0.3 / -0.3 %
Stainless steel	D < 100	+3 / -3 mm
	$100 \leq D < 300$	+5 / -5 mm
	$300 \leq D < 4000$	+ 0,5 / -0,7 %

Height (H)

+10/-0 mm or +0,015D/-0 mm (*highest value*)

Roundness

$$U = \frac{2(D\,\max - D\,\min)}{D\,\max + D\,\min} \times 100\%$$ (max 1%) ($D_{max.}$ - $D_{min.}$ max. 30mm)

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