

BMS 09- BS 4505 & DIN Flanges To BS/EN 1514--2 (Formerly BS 4865 Pt 2) SWG Dimensional Tables & Tolerances Nominal 6 Bar Pressure	Issued by:	A D Senior
	Date:	1st Jan 2011
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Scope:

This instruction supplements **BS/EN 1514-2: 2005**, which does not lay out sizes for PN6 spiral wound gaskets. Wherever possible, construction and dimension limits for inner ring and sealing element remains the same, with only centering ring OD changing.

Nominal Size	Min	ID-IR	Sealing	Element	Centering Ring	
mm	DIN	BS/EN 1514-2	ID	OD	6 Bar	
10	-	15	24	36	40	Use Nosewound
15	-	19	28	40	45	Use Nosewound
20	-	24	34	46	53	
25	-	30	41	55	65	
32	-	39	50	66	78	
40	-	45	56	72	88	
50	-	56	68	86	98	
65	-	65	84	103	118	
80	-	84	97	117	134	
100	-	108	123	144	154	
125	-	133	148	170	184	
150	-	160	177	197	209	
200	-	209	229	254	264	
250	-	262	283	309	319	
300	-	311	332	360	375	
350	355	343	375	405	425	
400	406	401	426	458	475	
450	-	452	477	512	530	
500	508	503	528	566	580	
600	610	597	635	665	681	
700	710	697	735	765	785	
800	811	798	836	876	893	
900	909	896	934	974	993	

Tolerances - In Millimetres

CENTERING RING			SEALING ELEMENT			INNER RING		
O/D	I/D	THK	O/D	I/D	THK	O/D	I/D	THK



Operational Procedure - Rev 0

NWP 01 - Rev 1

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< 600mm	+ 0 - 0.8	+ 0 - 0.8	2.75 to 3.25	+ 0 - 0.8	+ 0.4 - 0	4.5 + 0.3 4.5 - 0	+ 0.4 - 0	+ 0.4 - 0	2.75 to 3.25
> 600mm	+ 0 - 1.5	+ 0 - 1.5		+ 0 - 1.5	+ 0.8 - 0	4.5 + 0.3 4.5 - 0	+ 0.8 - 0	+ 0.8 - 0	