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ILP0213332

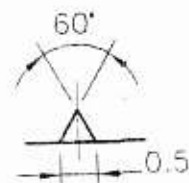
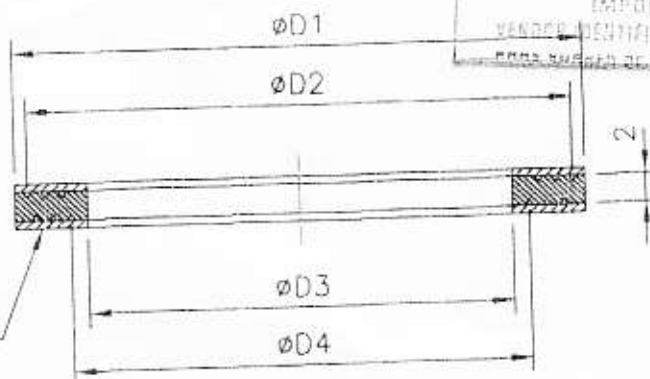
DO NOT SCALE THE DRG.

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ANY DOUBT PLEASE ASK

21 JUL 2011

IMPORTANT
VENDOR IDENTIFICATION AND PART
ENDS SHOWN BE MARKED ON IT

SHEATH 0.5mm THICK



DETAILS FOR GROOVE

ITEM	D1	D2	D3	D4	NO. OF GROOVES PER SIDE	PITCH	APPLICATION
1	63.5	62.9	54.3	54.9	5	0.9	40 [1.5"]
2	73.5	72.9	64.3	64.9	5	0.9	50 [2"]
3	91.5	90.9	82.3	82.9	5	0.9	65[2.5"]
4	104.5	103.9	95.3	95.9	5	0.9	80 [3"]
5	139.5	138.9	130.3	130.9	5	0.9	100 [4"]
6	157.5	156.7	145.5	146.3	8	0.7	125 [5"]
7	185.5	184.7	173.5	174.3	8	0.7	VAC 150[6"]
8	217.2	216.5	204.8	206.7	8	0.7	VDC 150[6"]
9	127.5	126.9	118.3	118.9	5	0.9	-

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

No.	REVISION	SIGN	DATE	APPR	SURFACE ROUGHNESS $\nabla \nabla$ ALL OVER	MATERIAL SS-304/316 + GRAPHITE	TOLERANCE	0.5 - 0.8	0.8 - 30	30 - 120	120 - 315	315 - 1000
					CHAMFER 0.5 x 45°			±0.1	±0.2	±0.3	±0.5	±0.8
					RADIUS							

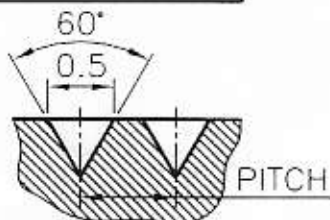
DRAWN SREEJITH.C.S. CHD. SANTHANU.Y. CHD.	SIGN DATE 20.07.11 5.5.00	VST-VAA SHEATHED GASKET	INSTRUMENTATION LTD. PALAKKAD
SCALE NTS REF. DWG. ILP 253216		REF. DWG. ILP 253216	

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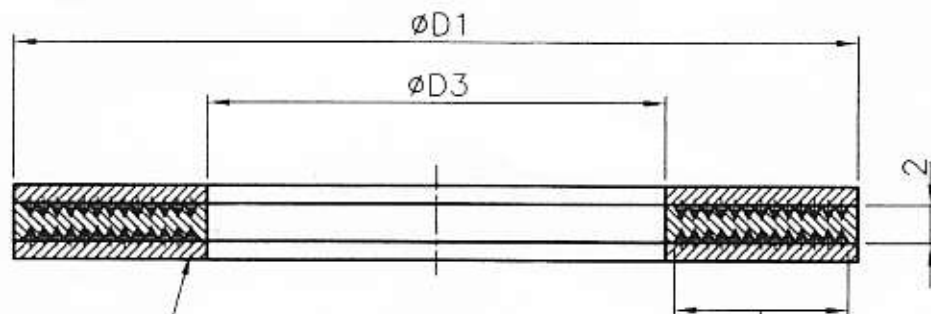
ILP 0213733

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DETAIL FOR SERRATION GROOVE



SHEATH 0.5mm THICK

SERRATION ON BOTH SIDES

ITEM	D1	D3	NO. OF GROOVES PER SIDE	PITCH	APPLICATION
1	285.4	268.6	11	0.7	VSC 10", ANSI 150~600

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VENDOR P.O. No.

18 JUL 2011

IMPORTANT
VENDOR IDENTIFICATION AND PART
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ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

SURFACE ROUGHNESS ∇

CHAMFER 0.5x45°

RADIUS —

MATERIAL

SS 304/316 + GRAPHITE

TOLERANCE

0.5 - 6	6 - 30	30 - 120	120 - 315	315 - 1000
±0.1	±0.2	±0.3	±0.5	±0.8

No. REVISION SIGN DATE APPD

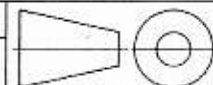
DRAWN	MURUKADAS	21/7/05
CHD.	ASN KUTTY	
CHD.	K.K.PAVITHRAN	21/7/05

VSC

SHEATHED
GASKET

INSTRUMENTATION LTD.
PALAKKAD

SCALE NTS
REF. DWG.

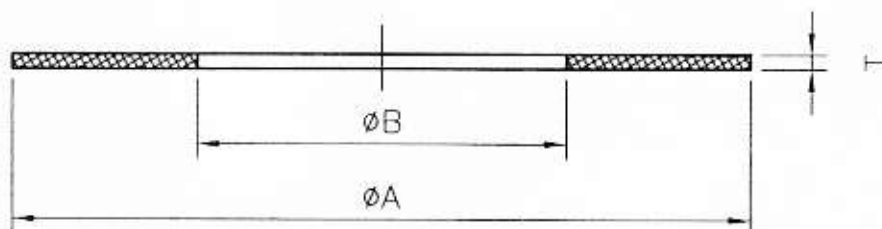


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ILP 1407213

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ITEM	VALVE SIZE mm	OD OF GASKET ØA	ID OF GASKET ØB	THICKNESS OF GASKET T
1	1400	1590	1402	3.18
2	1500	1700	1502	3.18
3	1600	1814	1602	3.18
4	1700	1926	1702	3.18
5	1800	2037	1802	3.18
6	1900	2140	1902	3.18
7	2000	2250	2002	3.18
8	2100	2360	2102	3.18
9	2250	2520	2252	3.18

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VENDOR P.O. No.
18 JUL 2011
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No.	REVISION	SIGN	DATE	APPR	SURFACE ROUGHNESS	MATERIAL	COMPRESSED ASBESTOS				
					CHAMFER						
					RADIUS						
					TOLERANCE	0.5 - 6	6 - 30	30 - 120	120 - 315	315 - 1000	
						±0.1	±0.2	±0.3	±0.5	±0.8	
	DRAWN	AKILESH A	241108	BUTTERFLY VALVE		INSTRUMENTATION LTD. PALAKKAD					
	CHD.	ASN KUTTY	241108	SIZE 1400 ~ 2250							
	CHD.			COMPANION FLANGE							
						SCALE	N.T.S.				

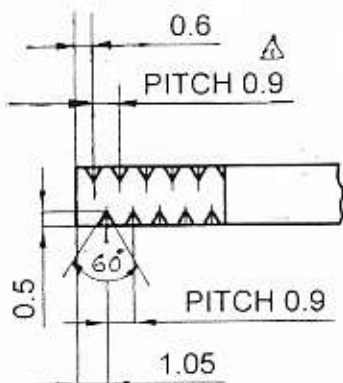


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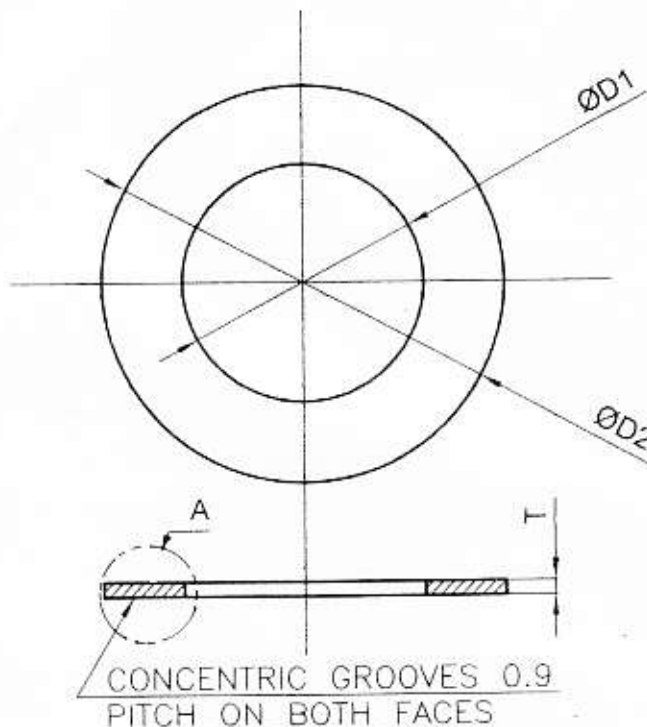
ILP 3907036

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DETAIL - A



CONCENTRIC GROOVES 0.9
PITCH ON BOTH FACES

ITEM NO.	ØD1	ØD2	T	REMARKS
1	67	80 ^{-0.2}	2	VBW 400-VA4D
2	79	94 ^{-0.3}	2	VBW 1500 FAB
3	201	234 ^{-0.5}	2	VBW 1600 CAST
4	206	240 ^{-0.5}	2	VBW 1600 R.F BONNET
5	96	120 ^{-0.3}	2	VBW 800 CAST
6	100	124 ^{-0.3}	2	VBW 800 R.F BONNET
7	MANUFACTURING COPY			
8	VENDOR P.O. No.			
9	15 JUL 2011			
	IMPORTANT			
	VENDOR IDENTIFICATION AND PART			
	THIS SHOULD BE MARKED ON IT			

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

ITEM NO: 2, 3, 4, 5 & 6 ADDED PITCH DIMENSION CHANGED	SIGNATURE	DATE	APPROVED	SURFACE ROUGHNESS	MATERIAL	STAINLESS STEEL					
				CHAMFER		ASTM A276 TYPE 316					
No.	REVISION	SIGNATURE	DATE	APPROVED	RADIUS	TOLERANCE	0.5 - 6	6 - 30	30 - 120	120 - 315	315 - 1000
							±0.1	±0.2	±0.3	±0.5	±0.8
	DRAWN	VIDHU	12/5/11	VBW VA4D (R.F. BONNET)	INSTRUMENTATION LTD. PALAKKAD						
	CHD.	ASN KUTTY	12/5/11								
	CHD.	CV VIJAYAN									
					SCALE		NTS				
					REF. DWG.						
							REV				

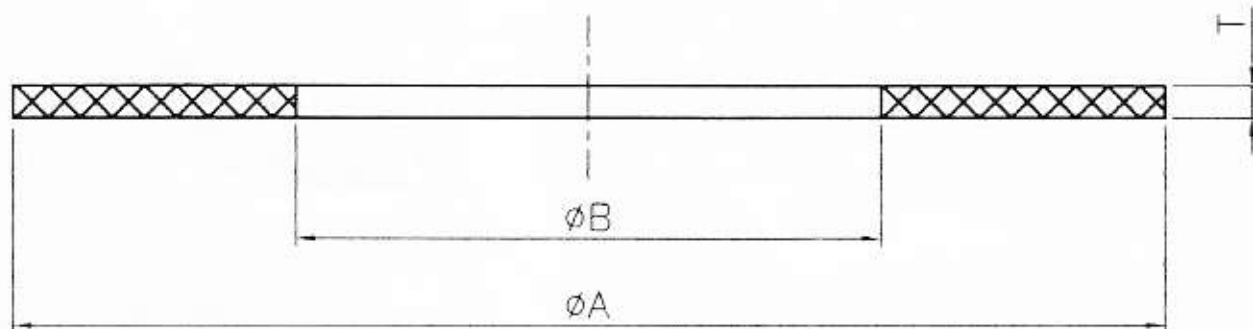
GASKET

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ILP 3907039

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1st APPLICATION

INV. NO.

1	VBW 1600	1750	1628	3
ITEM NO.	VALVE SIZE	øA OD OF GASKET	øB ID OF GASKET	T THICKNESS OF GASKET

MANUFACTURING COPY

VENDOR P.O. No.

15 JUL 2011

IMPORTANT
VENDOR IDENTIFICATION AND PART
NUMBER SHOULD BE MARKED ON ITEM

ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED

SURFACE ROUGHNESS --

MATERIAL

CHAMFER --

COMPRESSED ASBESTOS

RADIUS --

TOLERANCE

0.5 - 8	8 - 30	30 - 120	120 - 315	315 - 1000
±0.1	±0.2	±0.3	±0.5	±0.8

No. REVISION SIGN DATE APPD

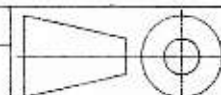


DRAWN	ARUN S.M.	1/6/11
CHD.	RADHAKRISHNAN	1/6/11
CHD.	C.V.VIJAYAN	2/6/11

VBW
COMPANION FLANGE
GASKET
DRILLING AS PER

INSTRUMENTATION LTD.
PALAKKAD

SCALE NTS
REF. DWG.



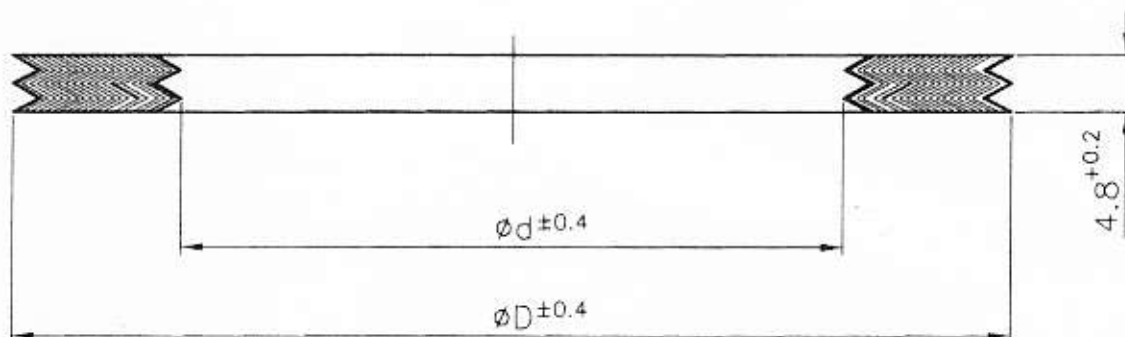
REV

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ILP 4403006

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EJC687

1st APPLICATION

INV. No.

ITEM	ϕD	ϕd	APPLICATION	LOAD for 0.8 mm COMPRESSION(Kgf)
1	$\phi 100$	$\phi 76.5$	VHD TOP SIDE	7387
2	$\phi 89$	$\phi 63.5$	VHD BOTTOM SIDE	6380
3	$\phi 129$	$\phi 101$	VHD 2" ANSI 2500	25260
4	$\phi 114$	$\phi 86$	VHD 2" ANSI 2500	21965
5	$\phi 89.5$	$\phi 73.5$	VHD(S) 1" #2500 UPPER	
6	$\phi 70.5$	$\phi 56.5$	VHD(S) 1" #2500 LOWER	

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NOTE

1. UNCOMPRESSED ASBESTOS SHEET THICKNESS SHALL BE 0.6 mm
2. GASKET SHALL CONFORM TO ILPR 0032

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No.	REVISION	SIGN	DATE	APPR	SURFACE ROUGHNESS	MATERIAL	TOLERANCE	0.5 - 0.8	0.8 - 30	30 - 120	120 - 315	315 - 1000
								± 0.1	± 0.2	± 0.3	± 0.5	± 0.8

Item No. 5 & 6 added

$\phi 90 \rightarrow \phi 89$, $\phi 62 \rightarrow \phi 63.5$
 $\phi 101 \rightarrow \phi 100$, $\phi 75 \rightarrow \phi 76.5$

Load For Comp. Added & redrawn

19.11.05

7.6.05

9.3.2006

SURFACE ROUGHNESS

CHAMFER

RADIUS

MATERIAL

AS PER ILPS 0016

TOLERANCE

0.5 - 0.8
 ± 0.1 0.8 - 30
 ± 0.2 30 - 120
 ± 0.3 120 - 315
 ± 0.5 315 - 1000
 ± 0.8

DRAWN Jayachandran

CHD. Santhana Y

CHD.

9.3.2006

10.3.2007

GASKET
(SPIRAL WOUND)

W-TYPE WITH

INSTRUMENTATION LTD.
PALAKKAD

SCALE NTS
REF. DWG.

