

UMANG BOARDS LIMITED

PRODUCT DATA SHEET

SPACER RINGS

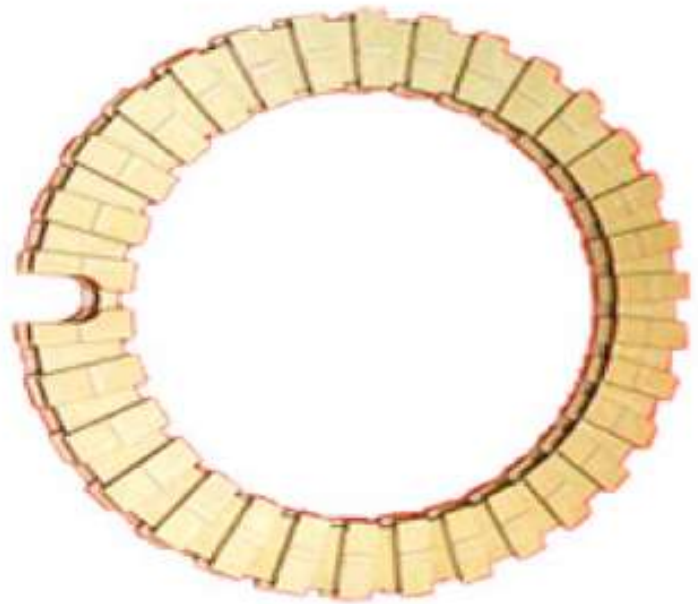


Spacer Rings

AS PER IEC 641-1 TYPE B 3.1

CHARACTERISTIC FEATURES

1. 100% Electrical grade Sulphate Pulp
2. Natural –coloured
3. Made of Umang Transformers Board
4. High Purity and oil absorption
5. Insulation class A (105°C)
6. Good compatibility with liquid dielectrics strength



APPLICATIONS

Levelling the winding height in transformers

VARIANTS

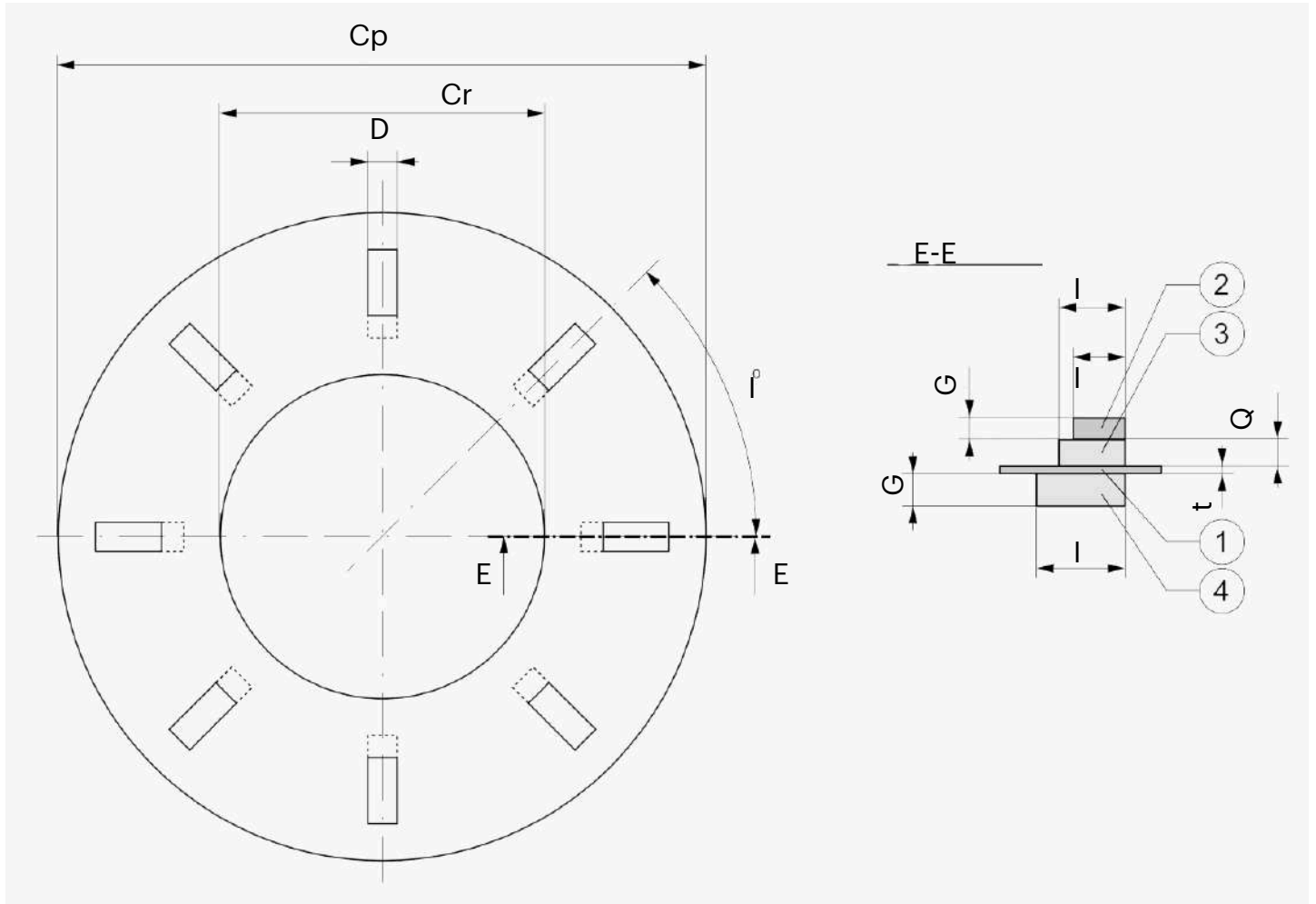
Umang spacer rings and frames are available in the following shapes: -

Spacer rings without structure	Disc blanks
Spacer rings with structure	Disc with blocks



SPACER RINGS WITH ASSEMBLY

TECHNICAL DRAWING



Dimensions

Cr	Cp	t	D	l	G	l
Min 300 mm	Max 3000 mm	1-8 mm	30-80 mm	5-300 mm	1-60 mm	Any

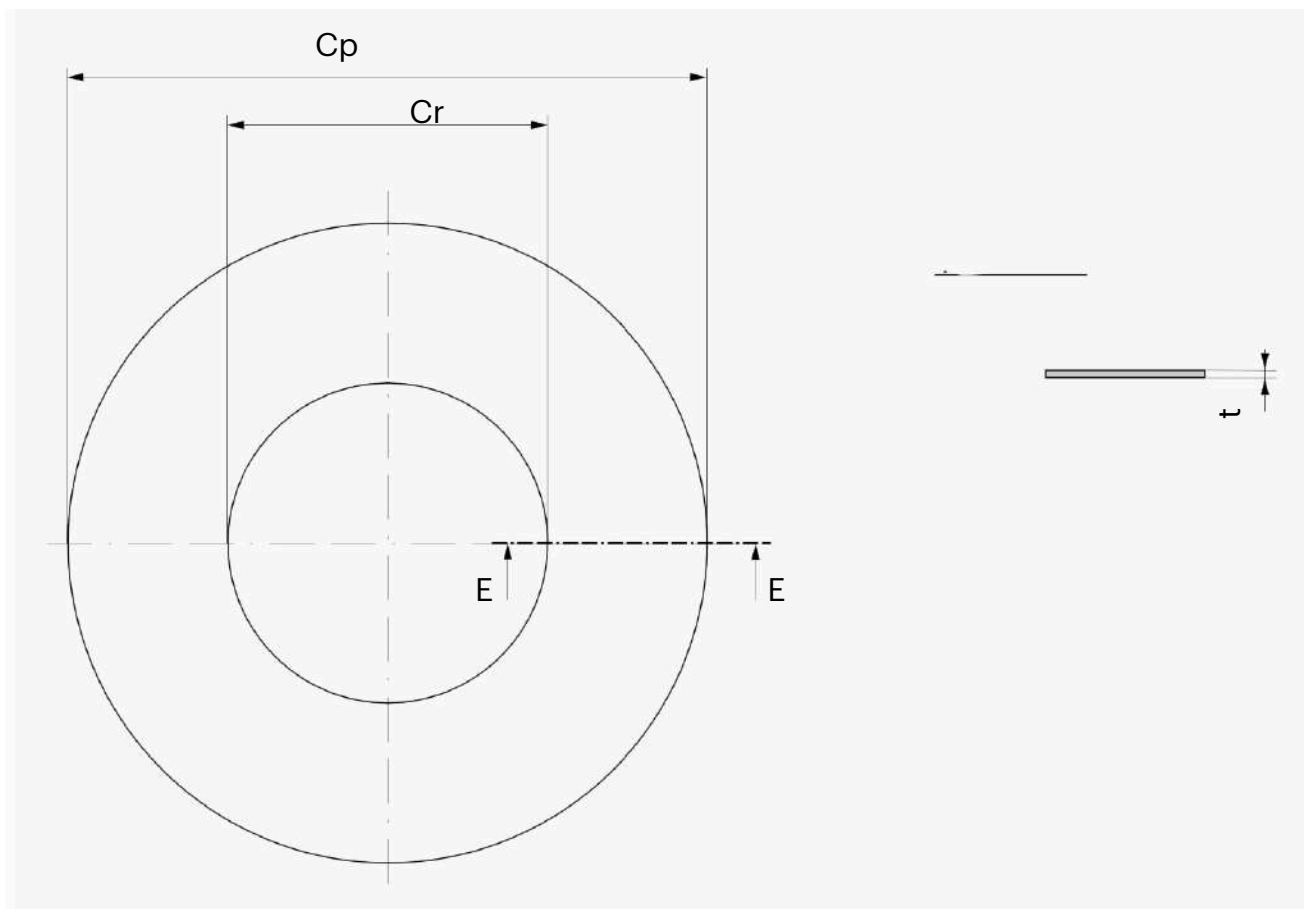
Tolerances



Cr	± 2 mm
Cp	± 2 mm
Width	± 1.0 mm
l	± 1 mm
G	$\pm 5\%$
$t \leq 1.6$	$\pm 7.5\%$
$t > 1.6-8$	$\pm 5\%$

SPACER RINGS WITHOUT ASSEMBLY

TECHNICAL DRAWING



Dimensions

Cr	Cp	t	D	l	G	l
Min 300 mm	Max 3000 mm	1-8 mm	-	-	-	-

Tolerances

Cr	±2 mm
Cp	±2 mm
Width	-
l	-
G	-
t≤1.6	±7.5%
t>1.6-8	±5"%

