

STANDARD BODY MEASUREMENT SIZE CHARTS AND APPAREL SIZE LABELING FOR INDIAN MALE AND FEMALE



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Foreword

This document **“STANDARD BODY MEASUREMENT SIZE CHARTS A N D APPAREL SIZE LABELLING FOR INDIAN MALE AND FEMALE ”** has been prepared by the Textiles Committee a statutory body under the Ministry of Textiles, Government of India as per the provision of powers conferred by the Clauses (c) of the sub section (2) of section 4 read with the section 11 of Textiles Committee Act, 1963 (41 of 1963).

This standard shall be given the status of a national guideline standard. This standard uses the terms and definitions and guidelines in line with the IS/ISO 8559, IS/ISO 7250, and IS/ISO 20685 and relevant parts related to the development of this standard.

Introduction

India is currently using different systems for the size designations and labeling of Apparels. This creates confusion among the consumer and supply chain. The objective is to harmonize and simplify the size labeling of Apparels for the benefit of consumer and industry.

In order to size the readymade Apparels, the body size of the intended wearer needs to be defined and identified. In order to communicate the Apparel size clearly and visibly, Label or pictogram are used. However, no uniformity in the system of mentioning the size in the Apparel.

The Government of India intended to develop the Body Measurement Chart for the Indian Male and Female and standardization of Size labelling. The National Institute of Fashion Technology (NIFT), a statutory Fashion institute under Ministry of Textiles, Government of India conducted the Anthropometric survey under INDIASize (National Sizing Survey of India) covering over 25,000 individuals, both male and female, aged 15 and above, underwent measurements in six distinct cities situated across various regions of India during the year 2021-2022 employing state-of-the-art 3D whole-body scanning that is both reliable, consistent and human safe non-intrusive technology for data collection. These cities include New Delhi representing the North, Mumbai for the West, Chennai covering South India, Hyderabad situated in Central India, Kolkata representing East India, and Shillong in the North-East. This extensive data collection spans diverse geographical locations, providing a comprehensive insight into the body sizes and shapes of the population within the specified age group across the country.

The Textiles Committee a statutory body under the Ministry of Textiles, Government of India entrusted to standardize the body measurement charts derived from the INDIASize survey and labelling of Apparel.

1 Scope

This document describes the Standard Body measurement size Charts and Apparel Size Labeling for Indian Male and Female based on the body dimensions for consumers, Manufacturers, Retailers and other relevant stakeholders.

This document does not specify the Apparel Dimensions.

2 Normative reference

2.1 IS/ISO 8559 - 1:2017

Size designation of Clothes –Anthropometric Definitions of Body Measurement

2.2 IS/ISO 8559 - 2:2017

Size designation of Clothes –Primary and Secondary Dimensions indicator

2.3 IS/ISO 8559 - 3:2018

Size designation of clothes- Methodology for the creation of body measurement tables and intervals

2.4 IS/ISO 7250 - 1:2017

Basic human body measurements for technological design - Body measurement definitions and landmarks

3 Terms & definitions as per IS/ISO 8559

3.1 General

3.1.1 Primary Dimensions

Body dimension, in centimeters, that is used to designate the size of a Apparel for the consumer.

3.1.2 Secondary Dimensions

Body dimension, in centimeters (or in the case of pantyhose, body mass in kilograms), that can additionally be used to designate the size of a Apparel for the consumer.

3.1.3 Frankfurt Plane

Standard horizontal plane at the level of the left trigion, upper border of the cartilaginous flap in front of the ear hole (tragus), and the left orbitale, the lower border of the orbital margin, when the midsagittal plane of the head is held vertically.

3.1.4 Mid sagittal Plane

Antero-posterior (front to back) median plane of the body.

3.1.5 Cup Size

Difference between the bust girth and the Underbust girth.

3.1.6 Interval

Difference between two adjoining values in the body measurement table.

3.1.7 Drop

Male- difference between chest girth and waist girth, expressed in centimeters, with the negative value when the chest is smaller than the waist.

Female- difference between Bust girth and hip girth, expressed in centimeters, with the

negative value when the bust is smaller than the hip.

3.2 Terms related to the Measurement Chart (As per ISO 8559 and ISO 7250)

Table 1 Terms related to the Measurement Chart

Note: The measurement definitions provided in this table are based on IS/ISO 8559 and IS/ISO 7250. For the development of the INDIAsize database, these measurements were primarily extracted using a calibrated 3D whole-body scanning system and validated through manual anthropometric measurements.

The definitions indicated in the Table 1 are as per ISO 8559-1 : 2017. Refer to Figure 1-a & 1-b for female measurements and Figure 2-a & 2-b for male measurements.

Table 1 Body measurement and its definitions

Measurement and its definitions	Female	Male
Stature - Vertical distance from the highest point of the head in the median line to the ground	1	1
Head Girth - Maximum, horizontal, girth of head measured above centre point of brow ridge and crossing the rearmost point of the head. Hair shall be included in the measurement	-	2
Head Length - Distance along a straight line between glabella and opisthocranium	-	3
Head Breadth - Maximum breadth of head above the level of the ears, measured perpendicular to the midsagittal plane	-	4
Neck Girth - Girth of the neck at a point just below the bulge at the thyroid cartilage (Adam's apple) and measured perpendicular to the longitudinal axis of the neck	2	5
Neck base Girth - Girth of the base of the neck measured over back neck point and the front neck point	3	6
Bust/Chest Girth - Horizontal girth measured at bust point level	4	7
Waist Girth - Horizontal girth of the body measured at the waist level	5	8
Under Bust Girth - Horizontal girth of the body at the under bust level	6	-
Upper Hip Girth - Horizontal girth of the body measured at the upper hip level	7	9
Top Hip Girth - Horizontal girth of the body measured at the top hip level	8	-
Hip Girth - Horizontal girth of the body measured at the hip level	9	10
Thigh Girth - Maximum horizontal girth of the thigh below the gluteal fold	10	11
Mid-thigh Girth - Horizontal girth of the thigh-measured midway between the inside leg level and the centre Point of knee-cap	11	12
Knee Girth - Horizontal girth of the knee at the level of the centre point of knee-cap	12	13
Calf Girth - Maximum horizontal girth of the calf	13	14
Ankle Girth - Horizontal girth of the leg measured at the level of the outer ankle point	14	15
Upper Arm Girth - Girth of the upper arm measured midway between the shoulder point and elbow point	15	16
Elbow Girth - Girth of the arm at the elbow point	16	17
Wrist Girth - Girth of the wrist at the level of wrist point	17	18
Scye Depth Length from Nape - Distance measured vertically on the body from back neck point to the upper edge of a tape measure passing horizontally under the arms at axilla	18	19
Centre Back Length - Distance measured vertically on the body from back neck point to waist level	19	21
Front Full Length (HSP to Waist) - Vertical distance between High Shoulder Point to Waist over the bust	20	20
Bust Depth from HSP - Distance from the side neck point to the bust point	21	-
Side Seam Length - Vertical distance from the underarm point to the waist level	22	22

Across Chest Level from HSP - Vertical distance between the high shoulder point to the upper edge of a tape measure passing horizontally between the left and right armscye lines midway between the shoulder point and the armpit front fold point	23	23
Shoulder Drop - Difference between the height of highest shoulder point and shoulder point from the floor	24	24
Top Hip Depth from Waist - Vertical distance from waist level to the middle of waist level and hip level	25	-
Hip Depth from Waist - Vertical distance from waist level to hip (maximum prominence of the buttock) level	26	25
Crotch Level/Vertical Rise - Vertical difference between waist level and point of bifurcation of body/ crotch point	27	26
Outside Leg Length - Distance down the side of the body from the waist level following the contour to the hip level, then vertically to the ground	28	27
Inside Leg Length - Vertical distance from crotch point to floor	29	28
Inside Leg Length slanted - Slanted distance from crotch point to the inside of the foot at the floor	30	29
Outer Arm Length - Distance from shoulder point along the outside of the arm to the wrist	31	30
Under Arm Length - Distance from the armpit point to the wrist	32	31
Upper Arm Length (shoulder to elbow, elbow bent) - Distance from the shoulder point to the elbow point	33	32
Lower Arm Length (elbow to wrist, elbow bent) - Distance from the elbow point to the wrist point	34	33
Bust Point Width - Distance between the bust points	35	-
Across Back Shoulder (through the back neck point) - Distance from the left shoulder point, through the back neck point to the right shoulder point	36	34
Across Chest Width - Distance across the chest between the left and right armscye lines. The level of measurement is midway between the shoulder point and the armpit front fold point	37	35
Front Bust/Chest Arc - Horizontal girth measured at bust point level between left and right side seam measured in front of body	38	36
Back Bust/Chest Arc - Horizontal girth measured at bust point level between left and right side seam measured at the back of body	39	37
Front Waist Arc - Horizontal girth measured at waist level between left and right side seam measured in front of body	40	38
Back Waist Arc - Horizontal girth measured at waist level between left and right side seam measured at the back of body	41	39
Front Hip Arc - Horizontal girth measured at hip level between left and right side seam measured in front of body	42	40
Back Hip Arc - Horizontal girth measured at hip level between left and right side seam measured at the back of body	43	41
Nape Height - Vertical distance from back neck point to the ground	44	42
Shoulder Height - Height of Shoulder point from floor	45	43
Under Arm Height - Height of Under arm point from floor	46	44
Bust Height - Vertical distance from the bust point to the ground.	47	-
Under Bust Height - Vertical distance from the under-bust level to the ground	48	-
Waist Height - Vertical distance from the waist level to the ground	50	45
Upper Hip Height - Vertical distance from the upper hip level to the ground	51	46
Top Hip Height - Vertical distance from the top hip level to the ground	52	-
Hip Height - Vertical distance from the hip level to the ground	49	47
Inside Leg Height - Vertical distance from the inside leg level to the ground	53	48
Knee Height - Vertical distance from the Centre point of kneecap to the ground	54	49
Under Knee Height - Vertical distance from the under kneecap to the ground	55	50
Calf Height - Vertical distance from the maximum protruding Calf level to the ground	56	51

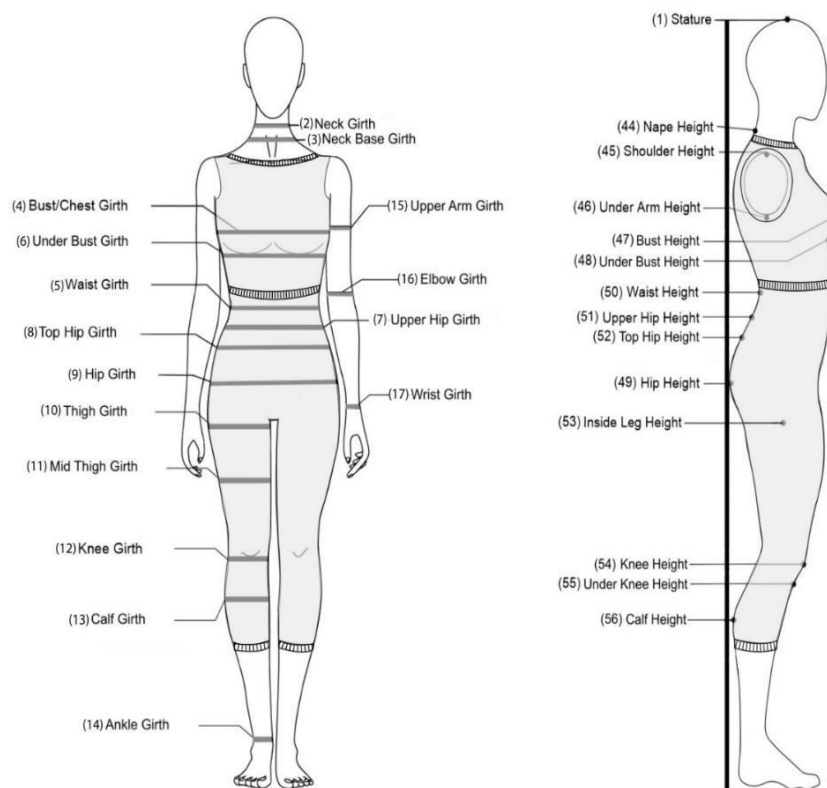


Figure 1-a Measurements (Female)

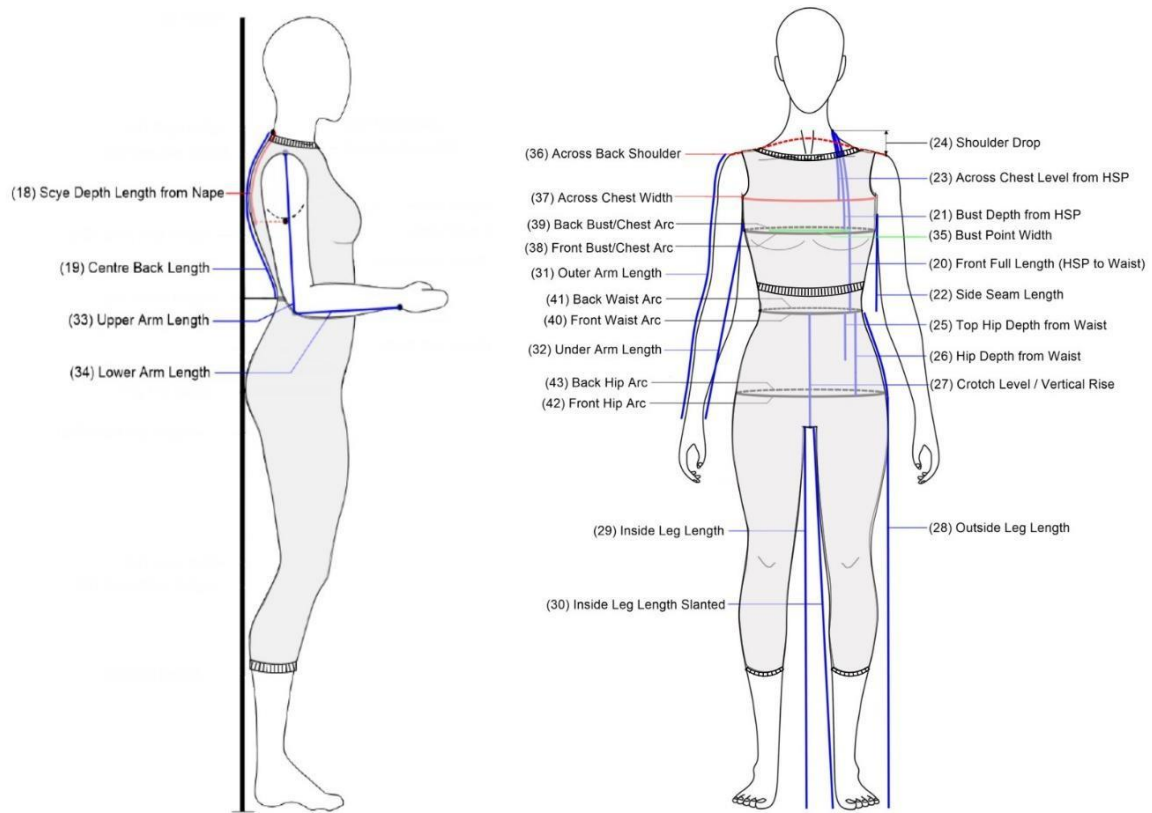


Figure 2-b Measurements (Female)

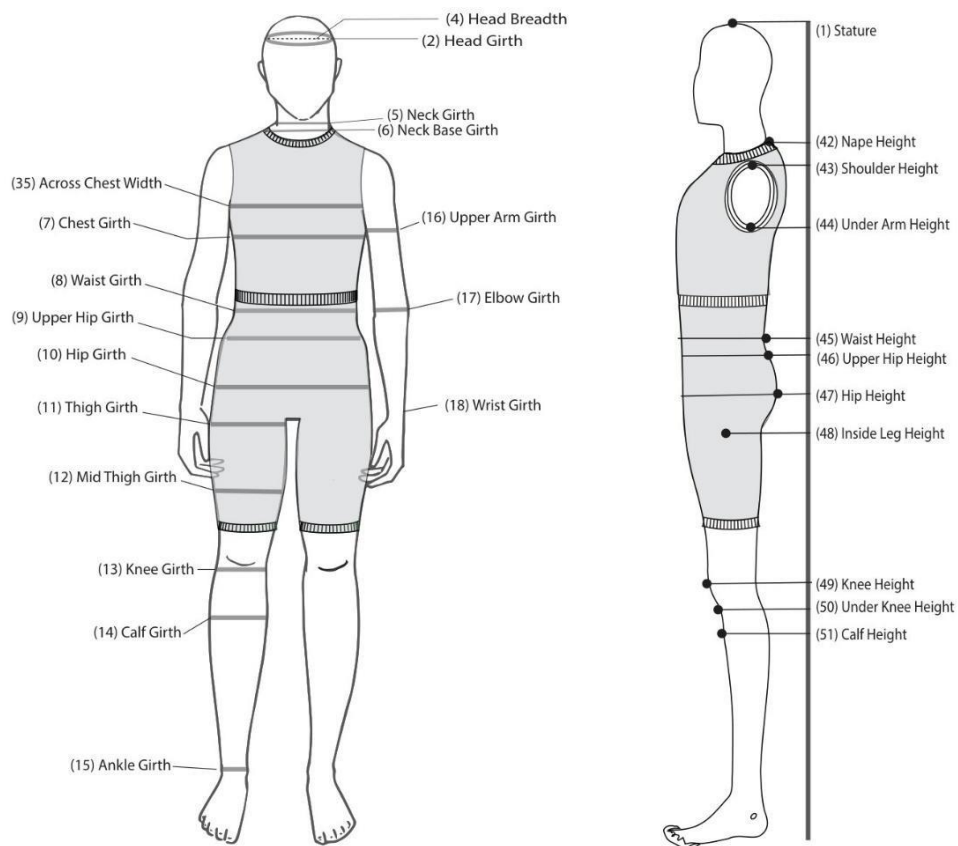


Figure 2-a Measurements (Male)

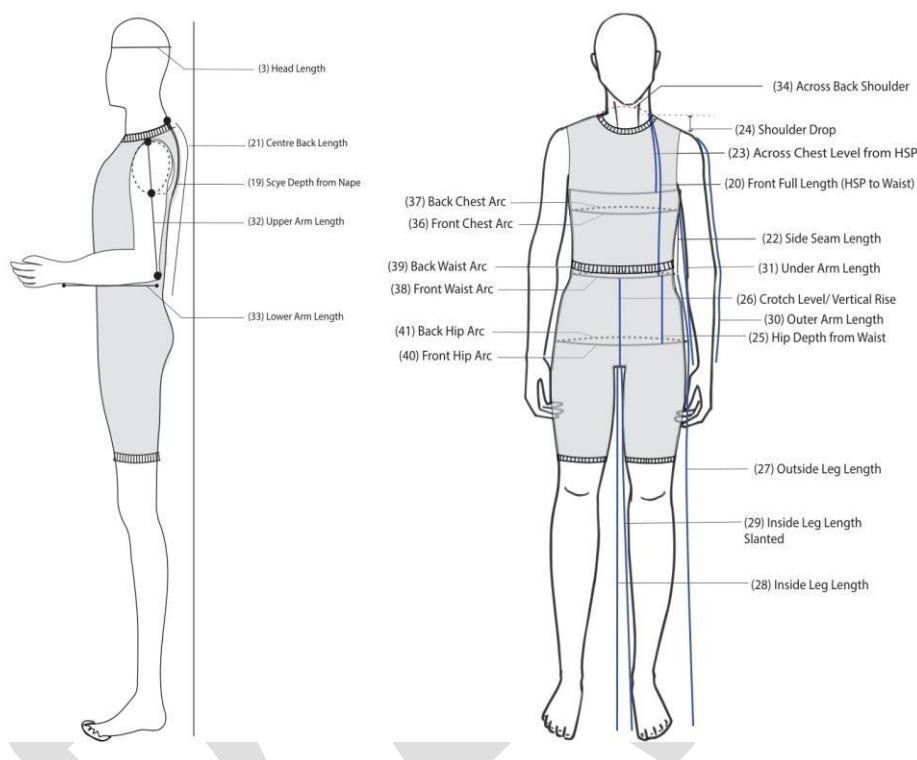


Figure 2-b Measurements (Male)

3.3 Measuring Conditions and equipment

3.3 Methodology

3.3.1 Subject Profile

A total of 26,324 male and female participants aged 15 years and above were included in the study. The sample was systematically distributed across eleven age groups, five income categories, rural and urban populations, and six geographical regions of India to ensure broad demographic representation.

The sample size was determined using a stratified sampling approach based on data from the Census of India, 2011. To capture regional variations and ensure national representativeness, the study covered six geographical regions of the country, namely North, West, South, Central, East, and North-East India.

3.3.2 Data Collection

Anthropometric measurements were collected using a three-dimensional (3D) whole-body scanning system. To assess the performance and accuracy of the 3D body scanner, a randomly selected subset of participants was also measured manually for key

anthropometric dimensions. The manual measurements were compared with the corresponding scan measurements for validation purposes.

The data collection process adhered to the relevant international standards, including ISO 20685:2005, ISO 20685:2018, and ISO 8559, to ensure the accuracy, reliability, and validity of the measurements obtained through the 3D body scanning system.

Further classification was undertaken using the K-means clustering technique to identify distinct body shape groups.

For females, body shape classification was based on the drop value calculated as:

Bust Girth – Hip Girth

For males, body shape classification was based on the drop value calculated as:

Chest Girth – Waist Girth

The resulting clusters were used to define the body shape categories included in the sizing system.

3.3.3 Data Validation

Prior to factor analysis, the suitability of the dataset was assessed through the following statistical tests:

- **Sampling adequacy**, determined using the Kaiser-Meyer-Olkin (KMO) measure.
- **Sphericity**, evaluated using Bartlett's Test of Sphericity to examine inter-variable correlations.
- **Internal consistency and reliability**, assessed using Cronbach's Alpha coefficient.

These tests confirmed the adequacy, reliability, and suitability of the dataset for subsequent multivariate statistical analysis.

3.3.4 Factor Analysis

Factor analysis was performed using Principal Component Analysis (PCA) to reduce the dimensionality of the anthropometric dataset and identify the key body measurement factors influencing apparel sizing.

The selection of principal factors was based on the Kaiser criterion (eigenvalue greater than 1), explained variance, and scree plot analysis. The analysis revealed that body dimensions could primarily be represented by two major factors:

- Length Factor (height-related dimensions)
- Girth Factor (circumference-related dimensions)

These two factors accounted for the majority of the variation observed within the dataset and formed the basis for the subsequent development of the sizing system.

3.3.5 Selection of Size Range and Size Intervals

3.3.5.1 Size Range

The size range defines the extent of a size scale and is represented by the smallest and largest body dimensions included within the sizing system.

For each body shape category within each height group, the minimum and maximum bust/chest dimensions were selected based on a population frequency criterion. Dimensions representing less than 2% of the population were excluded. The smallest and largest dimensions satisfying this criterion were selected as the size range limits.

3.3.5.2 Size Interval

A size interval, also referred to as size step, size grade, or inter-size interval, represents the incremental difference between adjacent sizes.

A size interval of 4 cm was adopted for bust/chest girth dimensions, consistent with international recommendations and ISO practices, while maintaining an optimum number of sizes within the size chart.

3.3.5.3 Size Scale

A size scale consists of a set of sizes arranged within a specified size range at uniform size intervals. The central value of each interval was used as the size designation.

3.3.5.4 Size Roll

The total number of size combinations generated within the sizing system is referred to as the size roll.

3.3.5.5 Example

For the Average Height Female – Regular Body Shape category (-4 cm to -8 cm drop value):

Size Range: 71 cm to 111 cm,

Size Interval: 4 cm,

>71–≤75, >75–≤79, >79–≤83, >83–≤87, >87–≤91, >91–≤95, >95–≤99, >99–≤103, >103–≤107, and >107–≤111 cm,

Size Scale :10

Corresponding Size Labels: center of the interval

73, 77, 81, 85, 89, 93, 97, 101, 105, and 109

Size Roll: The cumulative number of size designations obtained by applying the defined size ranges and intervals across all height categories and body shape categories within the sizing system.

Thus, the size scale comprises ten sizes covering the bust girth range of 71 cm to 111 cm at 4 cm intervals. The complete sizing system resulted in a total size roll of 128 size combinations.

3.3.5.6 Development of Size Charts

Based on the selected size ranges and intervals, all secondary body dimensions were analyzed within each bust/chest size category.

The growth pattern of body dimensions across adjacent sizes was examined and validated through regression analysis to establish grading relationships between body measurements. Grade rules were developed using the most populated size category as the reference size.

These grade rules were subsequently applied to predict the corresponding dimensions for all remaining sizes, enabling the development of comprehensive size charts.

3.3.5.7 Statistical Validation of Size Charts

The accuracy and representativeness of the developed size charts were statistically evaluated using the Euclidean Distance method.

Euclidean Distance values were calculated for each body shape and height category, and the goodness-of-fit between the developed size charts and the observed anthropometric data was assessed. The results confirmed an acceptable level of fit across all developed size charts.

3.3.5.8 Validation through Pattern Development

To assess the practical applicability of the developed size charts, Apparel patterns were created for randomly selected sizes from each size category.

The patterns were evaluated for dimensional consistency and fit, thereby validating the effectiveness and usability of the developed sizing system for apparel pattern development and Apparel manufacturing.

3.4 Conditions and Apparatus (As per IS/ISO 8559-1:2017 or latest)

3.4.1 Clothing of the person being measured

INDIAsize scanning attire consisted of a vest as an upper Apparel and leggings as a lower Apparel for female and a vest as an upper Apparel and cycling shorts as a lower Apparel for male. Additionally, a cap and a mask were also provided as part of scanning attire (refer to Fig. 1).

Usually, all the scanning surveys have measured the subjects in lingerie but keeping Indian cultural constraints in mind special scanning attire was designed and tested. This scan suit designed for the purpose was with more body coverage. For female, scanning suit was an above hip length top with thin shoulder straps and a deep neckline with full-length leggings. For male vests and cycling shorts were designed. The designed scan suit was form fitting, to ensure there were no looseness or folds, lest it adds to the measurement. At the same time, it was ensured the scan suit did not compress the flesh, lest it might cause a reduction in the body dimension. The texture and color were compatible with the scanner. The scan suits were tested for the comfort of the wearer, scanning accuracy, fabric appropriateness and suitability for scanning.

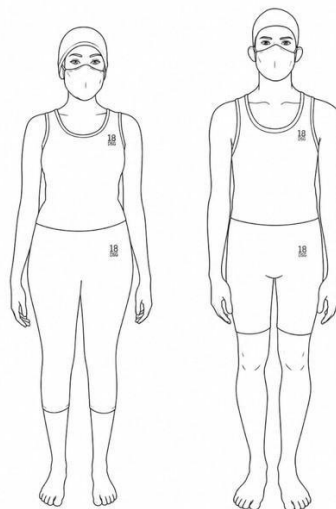


Figure 1 Clothing of persons being measured

3.4.2 Support surfaces

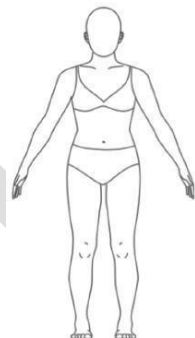
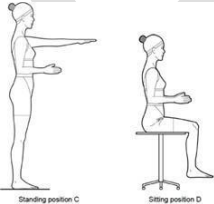
Standing surfaces and sitting surfaces shall be flat, horizontal and not compressible.

3.4.3 Body symmetry

For measurements which may be taken on either side of the body, it should be indicated on which side the measurement was taken.

3.4.4 Posture used for INDIASize while 3D Body Scanning (ISO 8559-1: 2017 and ISO 20685:2010-11)

Table 3 Posture used for INDIASize while 3D Body Scanning

Standing posture	The person stands with feet placed shoulder width apart, weight distributed equally on both feet, shoulders relaxed. The head is orientated in the Frankfurt plane Arm position: Abducted to form 20° angle with side of body.	
Seated posture	For INDIASize the sitting posture (which was a combination of postures C & D of ISO 20685:2010-11) was used. This reduced the scanning time whilst giving all the desired measurements. 	

3.4.5 Other requirements

All measurements are taken with the person breathing normally. Other requirements specific to each body dimension are described under each body dimension. All the measurements except weight and angular measurements shall be recorded to the nearest millimeter.

3.5 Equipment (As per IS/ISO 8559-1:2017 or latest)

All equipment should be calibrated and/or verified for accuracy both before and during use.

3.5.1 Anthropometer

Consisting essentially of a rule, graduated in millimeters, and with a movable arm (cursor), used to measure height.

3.5.2 Tape measure

Dimensionally stable and accurately graduated in millimeters. Recommended width is between 5 mm and 10 mm, depending on the size of measurement. The tape measure

is used to measure girth and surface distance measurements. Apply moderate tension to the tape measure (but ensure that the body is not constricted by the tape).

3.5.3 Chainette and narrow tap

A chainette consisting of a fine metallic chain can be used for defining the base of the neck. Neck base girth can be measured using a chainette and rule. A narrow tape can be used for defining the armhole or waist line.

3.5.4 Large sliding caliper, sliding caliper and spreading caliper

Used for measuring the breadth and depth of the body segments, as well as the distances between reference marks.

3.5.5 Weighing scale

Capable of determining body mass accurate to 100g.

3.5.6 Three-Dimensional (3D) Whole-Body Scanner

A three-dimensional (3D) whole-body scanning system conforming to IS/ISO 8559 and IS/ISO 20685 or their latest revisions. The scanner shall be calibrated and measurement accuracy verified before each data collection session.

4 Standard Table of Body Measurement of Indian Male and Female

The following tables are of Standard body measurement of most populous body categories identified through the INDIAsize survey conducted by the National Institute of Fashion Technology (NIFT), a statutory Fashion institute under Ministry of Textiles, Government of India. These body measurements can be used as baseline in designing apparel considering the factors such as fabric type, decide ease for body movement, styling and fit.

In total 27 size charts were developed under INDIAsize. There are 13 size charts for female, and 14 size charts for male spanning 5 body shapes and 3 height groups for each gender (Refer to Annexure B for all the size charts developed under INDIAsize). To define the body shape, the drop for male was considered as the difference between chest girth (CG) and waist girth (WG), while for female the drop was considered as the difference between bust girth (BG) and hip girth (HG).

4.1 Male Body Shapes

Table 4 Male Body Shapes

Male Height Category	Body Shape Category (Defined by Difference between Chest Girth and Waist Girth)
Height Category 154 cm to <162 cm	Body Shape C: Waist Girth greater than Chest Girth
	Body Shape P: Chest Girth equal to Waist Girth up to 5 cm greater
	Body Shape R: Chest Girth greater than Waist Girth by >5 cm to 10 cm
	Body Shape S: Chest Girth greater than Waist Girth by >10 cm to 15 cm
	Body Shape Y: Chest Girth greater than Waist Girth by >15 cm to 20 cm
Height Category 162 cm to <170 cm	Body Shape C: Waist Girth greater than Chest Girth
	Body Shape P: Chest Girth equal to Waist Girth up to 5 cm greater
	Body Shape R: Chest Girth greater than Waist Girth by >5 cm to 10 cm
	Body Shape S: Chest Girth greater than Waist Girth by >10 cm to 15 cm
	Body Shape Y: Chest Girth greater than Waist Girth by >15 cm to 20 cm
Height Category 170 cm to <178 cm	Body Shape P: Chest Girth equal to Waist Girth up to 5 cm greater
	Body Shape R: Chest Girth greater than Waist Girth by >5 cm to 10 cm
	Body Shape S: Chest Girth greater than Waist Girth by >10 cm to 15 cm
	Body Shape Y: Chest Girth greater than Waist Girth by >15 cm to 20 cm
Note: Body shape categories are coded classifications derived from anthropometric analysis and do not represent descriptive body-type terminology.	

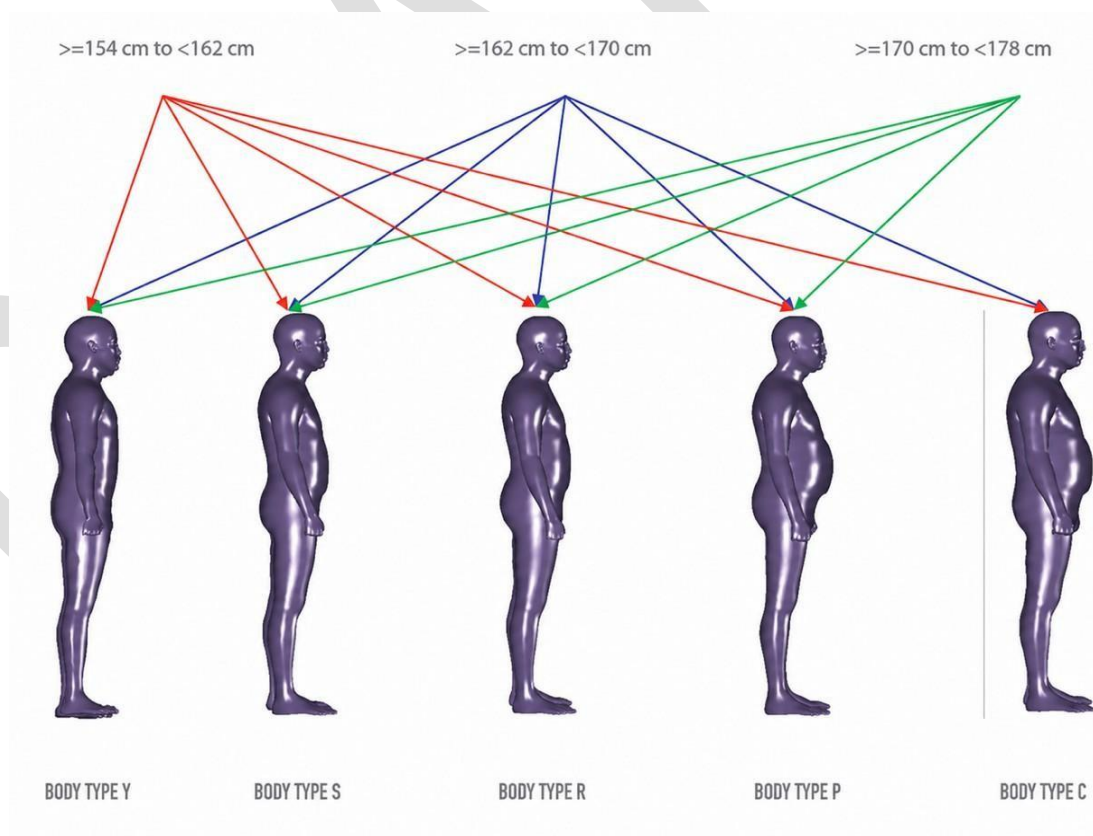
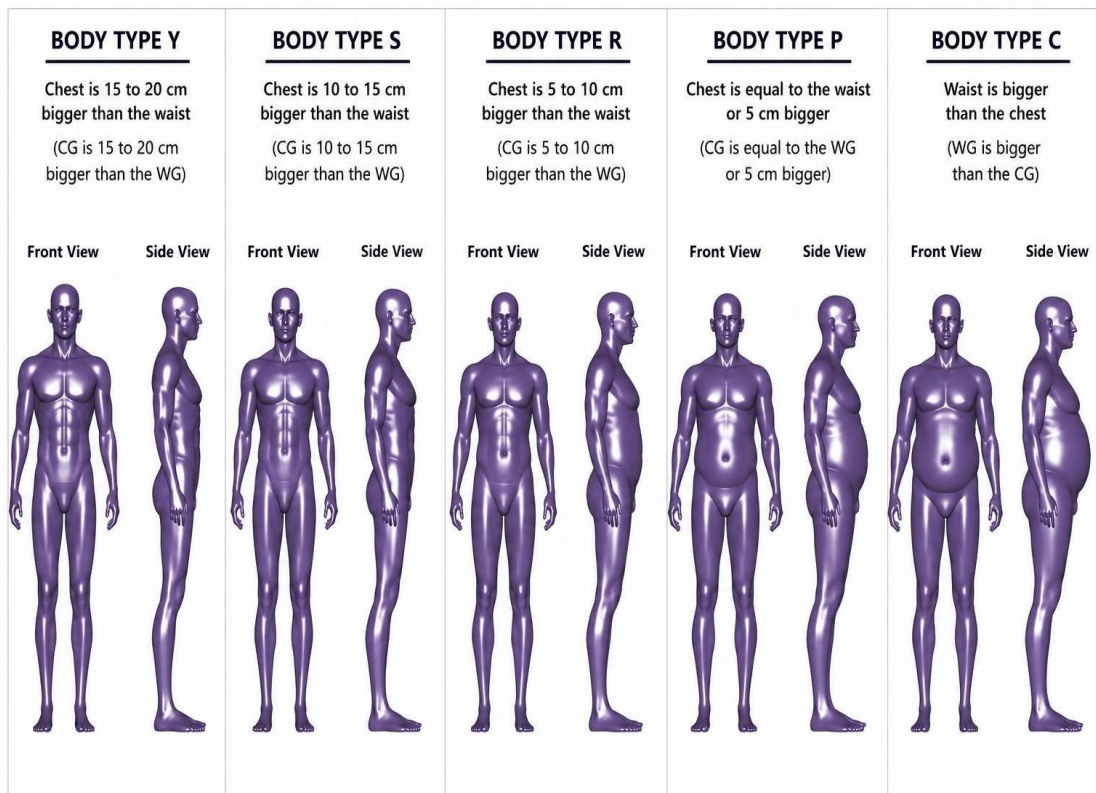


Figure 2 Male Body Shapes respective to Height group



Note: CG = Chest Girth | WG = Waist Girth

Figure 3 Male Body Shapes (Front and Side views)

4.2 Female Body Shapes

Table 5 Female Body Shapes

Female Height Category	Body Shape Category (Defined by Difference between Bust Girth and Hip Girth)
Height Category 140 cm to <148 cm	Body Shape F: Bust Girth greater than Hip Girth by up to 4 cm
	Body Shape S: Bust Girth equal to Hip Girth or up to 4 cm smaller
	Body Shape R: Bust Girth smaller than Hip Girth by >4 cm to 8 cm
	Body Shape A: Bust Girth smaller than Hip Girth by >8 cm to 12 cm
Height Category 148 cm to <156 cm	Body Shape F: Bust Girth greater than Hip Girth by up to 4 cm
	Body Shape S: Bust Girth equal to Hip Girth or up to 4 cm smaller
	Body Shape R: Bust Girth smaller than Hip Girth by >4 cm to 8 cm
	Body Shape A: Bust Girth smaller than Hip Girth by >8 cm to 12 cm
	Body Shape B: Bust Girth smaller than Hip Girth by >12 cm to 16 cm
Height Category 156 cm to <164 cm	Body Shape F: Bust Girth greater than Hip Girth by up to 4 cm
	Body Shape S: Bust Girth equal to Hip Girth or up to 4 cm smaller
	Body Shape R: Bust Girth smaller than Hip Girth by >4 cm to 8 cm
	Body Shape A: Bust Girth smaller than Hip Girth by >8 cm to 12 cm
Note: Body shape categories are coded classifications derived from anthropometric analysis and do not represent descriptive body-type terminology	

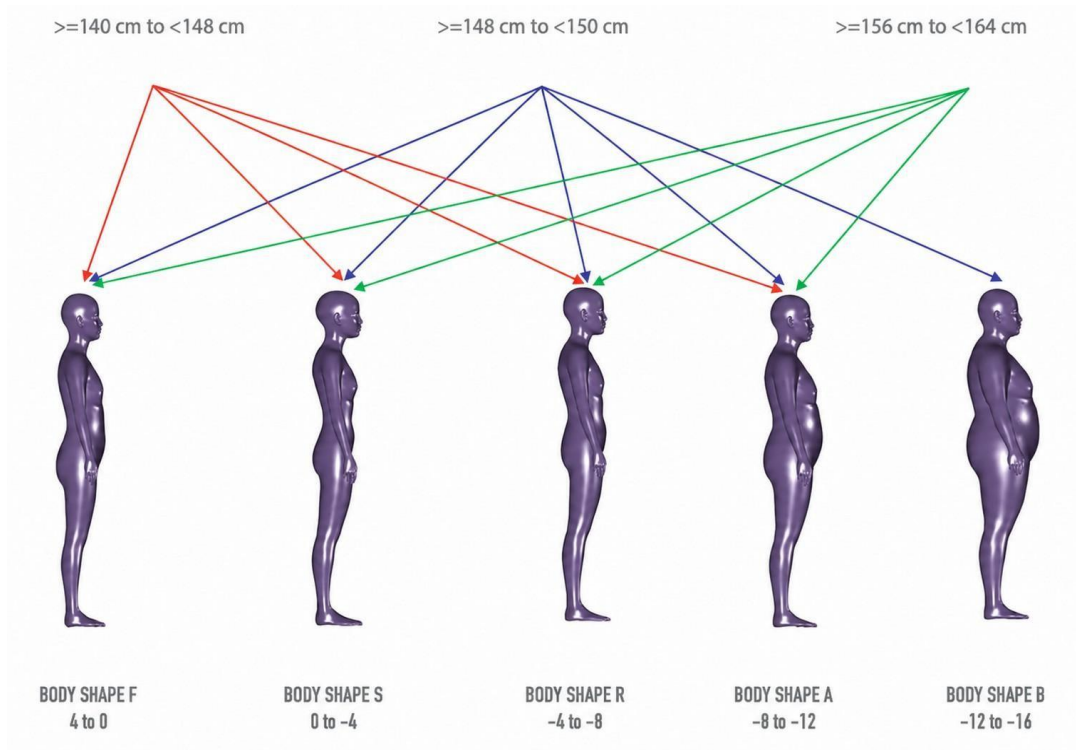
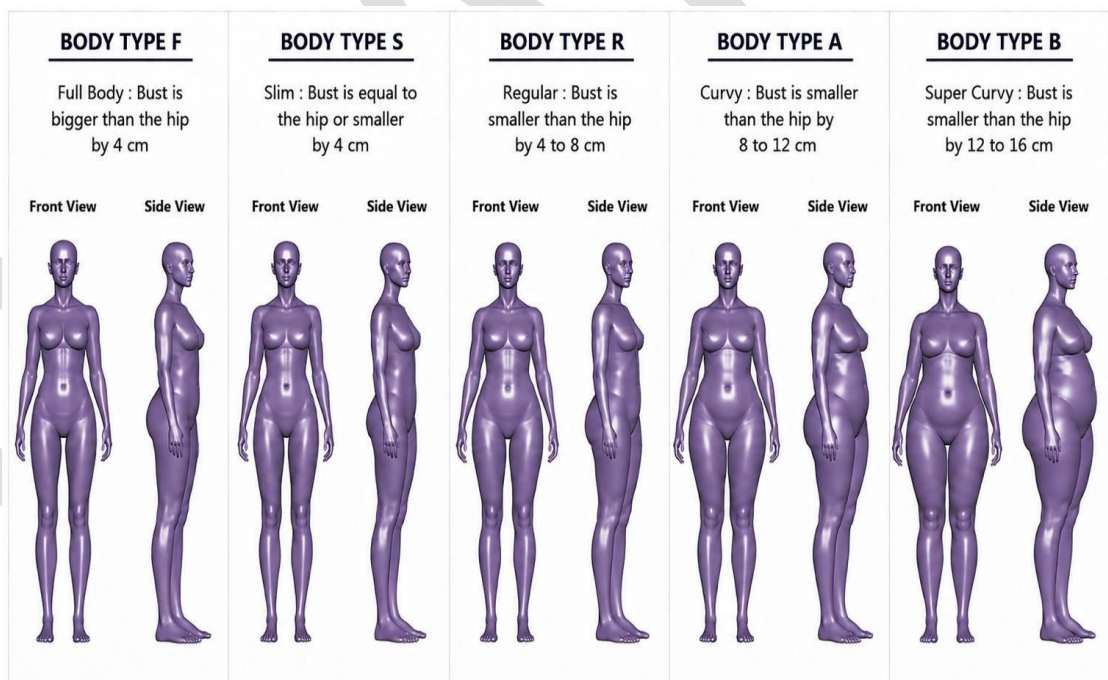


Figure 4 Female Body Shapes respective to Height groups



Note: Difference is calculated by bust and hip circumference

Figure 5 Female Body Shapes (Front and Side views)

4.3 Adult Male Size Chart for Height : >=162 cm to <170 cm Body Type: R

Table 6 Male Size Chart for Height : >=162 cm to <170 cm Body Type: R

Male Height: >=162 cm to <170 cm Body Type: R										
Title of Term	Grade Rule(cm)	CG 81	CG 85	CG 89	CG 93	CG 97	CG 101	CG 105	CG 109	CG 113
Stature	0	166.0	166.0	166.0	166.0	166.0	166.0	166.0	166.0	166.0
GIRTH MEASUREMENT:										
Head Girth	0.3	55.7	56.0	56.3	56.6	56.9	57.2	57.5	57.8	58.1
Neck Girth	0.6	35.8	36.4	37.0	37.6	38.2	38.8	39.4	40.0	40.6
Neck Base Girth	0.6	39.6	40.2	40.8	41.4	42.0	42.6	43.2	43.8	44.4
Chest Girth	4.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4.0	74.0	78.0	82.0	86.0	90.0	94.0	98.0	102.0	106.0
Upper Hip Girth	3.8	76.0	79.8	83.6	87.4	91.2	95.0	98.8	102.6	106.4
Hip Girth	2.8	84.2	87.0	89.8	92.6	95.4	98.2	101.0	103.8	106.6
Thigh Girth	2.0	48.1	50.1	52.1	54.1	56.1	58.1	60.1	62.1	64.1
Mid-Thigh Girth	1.4	39.3	40.7	42.1	43.5	44.9	46.3	47.7	49.1	50.5
Knee Girth	0.8	33.2	34.0	34.8	35.6	36.4	37.2	38.0	38.8	39.6
Calf Girth	1.0	31.7	32.7	33.7	34.7	35.7	36.7	37.7	38.7	39.7
Ankle Girth	0.5	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4
Upper-arm girth	1.4	25.0	26.4	27.8	29.2	30.6	32.0	33.4	34.8	36.2
Elbow Girth	0.7	23.5	24.2	24.9	25.6	26.3	27.0	27.7	28.4	29.1
Wrist Girth	0.3	15.7	16.0	16.3	16.6	16.9	17.2	17.5	17.8	18.1
DEPTH / LENGTH MEASUREMENTS:										
Head Length	0.1	18.9	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7
Head Breadth	0.1	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7
Scye Depth Length from Nape	0.7	18.5	19.2	19.9	20.6	21.3	22.0	22.7	23.4	24.1
Front full length (HSP to Waist)	0.6	44.7	45.3	45.9	46.5	47.1	47.7	48.3	48.9	49.5
Side Seam Length	-0.2	21.2	21.0	20.8	20.6	20.4	20.2	20.0	19.8	19.6
Across Chest Level from HSP	0.5	15.7	16.2	16.7	17.2	17.7	18.2	18.7	19.2	19.7
Shoulder Drop	0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Hip Depth From Waist	0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
Crotch Level/ Vertical Rise	0.3	28.3	28.6	28.9	29.2	29.5	29.8	30.1	30.4	30.7
Outside Leg Length	0	103.3	103.3	103.3	103.3	103.3	103.3	103.3	103.3	103.3
Inside Leg	-0.3	74.6	74.3	74.0	73.7	73.4	73.1	72.8	72.5	72.2

Length										
Inside Leg Length Slanted	-0.3	76.0	75.7	75.4	75.1	74.8	74.5	74.2	73.9	73.6
Outer Arm Length	0.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
Under Arm Length	-0.4	45.0	44.6	44.2	43.8	43.4	43.0	42.6	42.2	41.8
Upper Arm Length	0	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
Lower arm length	0	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
SEGMENT LENGTHS:										
Across Back Shoulder Width	0.8	39.1	39.9	40.7	41.5	42.3	43.1	43.9	44.7	45.5
Across Chest Width	0.8	30.8	31.6	32.4	33.2	34.0	34.8	35.6	36.4	37.2
ARC MEASUREMENTS:										
Front Chest ARC	2.0	42.0	44.0	46.0	48.0	50.0	52.0	54.0	56.0	58.0
Back Chest ARC	2.0	39.0	41.0	43.0	45.0	47.0	49.0	51.0	53.0	55.0
Front Waist ARC	2.0	39.8	41.8	43.8	45.8	47.8	49.8	51.8	53.8	55.8
Back Waist ARC	2.0	34.3	36.3	38.3	40.3	42.3	44.3	46.3	48.3	50.3
Front Hip ARC	1.4	40.9	42.3	43.7	45.1	46.5	47.9	49.3	50.7	52.1
Back Hip ARC	1.4	43.4	44.8	46.2	47.6	49.0	50.4	51.8	53.2	54.6
HEIGHT FROM FLOOR MEASUREMENTS:										
Nape Height	0	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3	143.3
Shoulder Height	0	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7	136.7
Under Arm Height	0	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1	123.1
Waist Height	0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0
Upper Hip Height	0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
Hip Height	0	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
Inside Leg Height	0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
Knee Height	0	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
Under Knee Height	0	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
Calf Height	0	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6

Centre back length	0.5	39.5	40.0	40.5	41.0	41.5	42.0	42.5	43.0	43.5
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Source: INDIASize survey report conducted by National Institute of Fashion Technology (NIFT)

Note: The shaded column indicates the reference size representing the most populated size category. Values in the shaded column are based on observed anthropometric measurements, while values in the remaining columns have been derived using validated grade rules.

4.4 Adult Female Size Chart for Height: ≥ 148 cm to < 156 cm Body Type: R

Table 7 Female Size Chart for Height: ≥ 148 cm to < 156 cm Body Type: R

Female Height: ≥ 148 cm to < 156 cm Body Type: R											
Title of Term	Grade Rule (cm)	BG 73	BG 77	BG 81	BG 85	BG 89	BG 93	BG 97	BG 101	BG 105	BG 109
Stature	0.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0
GIRTH MEASUREMENT:											
Neck Girth	0.6	30.1	30.7	31.3	31.9	32.5	33.1	33.7	34.3	34.9	35.5
Neck Base Girth	0.6	33.7	34.3	34.9	35.5	36.1	36.7	37.3	37.9	38.5	39.1
Bust Girth	4.0	73.0	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0
Waist Girth	4 for Bust Girth 77 and smaller, 5 for Bust Girth 81 to 89,	60.4	64.4	68.4	73.4	78.4	83.4	87.4	92.4	96.4	100.4
Under Bust Girth	4 for Bust Girth 93, 5 for Bust Girth 97 and bigger.	57.4	61.4	65.4	70.4	75.4	80.4	84.4	89.4	93.4	97.4
Upper hip Girth		66.3	70.3	74.3	79.3	84.3	89.3	93.3	98.3	102.3	106.3
Top Hip Girth		71.4	75.4	79.4	84.4	89.4	94.4	98.4	103.4	107.4	111.4
Hip Girth	4.0	78.6	82.6	86.6	90.6	94.6	98.6	102.6	106.6	110.6	114.6
Thigh Girth	2.2	47.7	49.9	52.1	54.3	56.5	58.7	60.9	63.1	65.3	67.5
Mid-Thigh Girth	1.8	37.6	39.4	41.2	43.0	44.8	46.6	48.4	50.2	52.0	53.8
Knee Girth	1.2	30.9	32.1	33.3	34.5	35.7	36.9	38.1	39.3	40.5	41.7
Calf Girth	1.2	29.1	30.3	31.5	32.7	33.9	35.1	36.3	37.5	38.7	39.9
Ankle Girth	0.4	21.3	21.7	22.1	22.5	22.9	23.3	23.7	24.1	24.5	24.9
Upper-arm Girth	1.5	22.2	23.7	25.2	26.7	28.2	29.7	31.2	32.7	34.2	35.7
Elbow Girth	0.7	20.6	21.3	22.0	22.7	23.4	24.1	24.8	25.5	26.2	26.9
Wrist Girth	0.4	13.4	13.8	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0
DEPTH / LENGTH MEASUREMENTS:											
Scye Depth Length from Nape	0.7	16.4	17.1	17.8	18.5	19.2	19.9	20.6	21.3	22.0	22.7
Centreback length	0.4	34.3	34.7	35.1	35.5	35.9	36.3	36.7	37.1	37.5	37.9
Front full length (HSP to	0.6	38.5	39.1	39.7	40.3	40.9	41.5	42.1	42.7	43.3	43.9

Waist)											
Bust Depth from HSP	0.8	22.1	22.9	23.7	24.5	25.3	26.1	26.9	27.7	28.5	29.3
Side Seam Length	-0.3	18.1	17.8	17.5	17.2	16.9	16.6	16.3	16.0	15.7	15.4
Across Chest Level from HSP	0.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5
Shoulder Drop	0.0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Top Hip Depth from Waist	0.0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
Hip Depth From Waist	0.0	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
Crotch Level/ Vertical Rise	0.3	26.8	27.1	27.4	27.7	28.0	28.3	28.6	28.9	29.2	29.5
Outside Leg Length	0.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
Inside Leg Length	-0.3	69.5	69.2	68.9	68.6	68.3	68.0	67.7	67.4	67.1	66.8
Inside Leg Length Slanted	-0.3	70.9	70.6	70.3	70.0	69.7	69.4	69.1	68.8	68.5	68.2
Outer Arm Length	0.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
Under Arm Length	-0.4	41.3	40.9	40.5	40.1	39.7	39.3	38.9	38.5	38.1	37.7
Upper Arm Length	0.0	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
Lower arm length	0.0	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
Bust Point Width	0.8	15.5	16.3	17.1	17.9	18.7	19.5	20.3	21.1	21.9	22.7
SEGMENT LENGTHS:											
Across Back Shoulder Width	0.8	32.9	33.7	34.5	35.3	36.1	36.9	37.7	38.5	39.3	40.1
Across Chest Width	0.8	27.1	27.9	28.7	29.5	30.3	31.1	31.9	32.7	33.5	34.3
ARC MEASUREMENT:											
Front Bust ARC	2.0	40.8	42.8	44.8	46.8	48.8	50.8	52.8	54.8	56.8	58.8
Back Bust ARC	2.0	32.2	34.2	36.2	38.2	40.2	42.2	44.2	46.2	48.2	50.2
Front Waist ARC	2 for Bust Girth 77	32.5	34.5	36.5	39.0	41.5	44.0	46.0	48.5	50.5	52.5

Back Waist ARC	and smaller 2.5 for Bust Girth 81 to Bust Girth 89, 2 for Bust Girth 93, 2.5 for Bust Girth 97 and 2 for Bust Girth 101 and bigger.	27.9	29.9	31.9	34.4	36.9	39.4	41.4	43.9	45.9	47.9
Front Hip ARC	2.0	38.4	40.4	42.4	44.4	46.4	48.4	50.4	52.4	54.4	56.4
Back Hip ARC	2.0	40.2	42.2	44.2	46.2	48.2	50.2	52.2	54.2	56.2	58.2
HEIGHT FROM FLOOR MEASUREMENTS:											
Nape Height	0.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0	131.0
Shoulder Height	0.0	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4	125.4
Under Arm Height	0.0	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9	112.9
Bust Height	0.0	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1
Under Bust Height	0.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0	103.0
Waist Height	0.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
Upper Hip Height	0.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
Top Hip Height	0.0	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
Hip Height	0.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
Inside Leg Height	0.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
Knee Height	0.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
Under Knee Height	0.0	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
Calf Height	0.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1

Source: INDIASize survey report conducted by National Institute of Fashion Technology (NIFT)

Note: The shaded column indicates the reference size representing the most populated size category. Values in the shaded column are based on observed anthropometric measurements, while values in the remaining columns have been derived using validated grade rules.

Validation of Size Charts: The developed size charts were statistically validated using Euclidean Distance analysis to assess the goodness of fit between the predicted body measurements and the observed anthropometric data. The validation confirmed an acceptable level of fit across the height and body shape categories included in the sizing system.

5 APPAREL SIZE LABELLING

5.1 Application of the Sizing System

The body measurement tables contained in this standard are intended primarily for use by apparel manufacturers, pattern developers, retailers and related stakeholders for the development of garments suited to the Indian population.

Manufacturers may select the height category and body shape category most appropriate for their target consumer segment and use the corresponding body measurement tables for apparel development.

The size designation and labelling provisions contained in this standard are intended to facilitate communication of size information to consumers in a simple, consistent and understandable manner.

5.2 Purpose and Principles of Size Labelling

The purpose of size labelling is to communicate, in a simple, clear and consistent manner, the body dimensions for which an apparel item is intended. The size designation system specified in this standard is based on body measurements and not on garment measurements. Height categories and body shape categories are intended for apparel development and manufacturing purposes and are not required to be displayed on consumer-facing labels. Consumer-facing size identification may be based on body measurement designations and/or generic size labels used by the manufacturer or retailer.

5.3 Primary and Secondary Dimensions

5.3.1 Definition

Primary Dimension (PD): Body dimension, in centimeters, that is used to designate the size of an Apparel for the consumer.

Secondary Dimension (SD): Body dimension, in centimeters (or in the case of pantyhose, body mass in kilograms), that can additionally be used to designate the size of a Apparel for the consumer.

5.3.2 Apparel-wise Primary and Secondary Dimensions

Primary and secondary dimensions are defined as shown in Table 8. These body measurements form the basis for the designation of clothing sizes, independently from the product itself, for Apparels as diverse as jackets, skirts, underwear, corsetry (intimate apparel) and headwear.

Body measurements are listed separately for male & female clothing

Table 8 Primary & Secondary dimension for the Apparels

Apparel for:	Male		Female	
Dimensions:	PD (a)	SD (b)	PD (a)	SD (b)
1. Outer Apparels:				
Jackets	Chest girth	Height, Waist girth, Back shoulder width	Bust girth	Height, Waist girth, Hip girth

Apparel for:	Male		Female	
Dimensions:	PD (a)	SD (b)	PD (a)	SD (b)
Suits (jacket + trouser)	Chest girth & Waist girth	Height, Inside leg length	Bust girth & Hip girth	Height, Waist girth, Inside leg length
Suits (jacket + skirt)	Chest girth & Waist girth	Height	Bust girth & Hip girth	Height, Waist girth
Overcoats	Chest girth	Height	Bust girth	Height, Waist girth, Hip girth
Trousers/ Shorts	Waist girth	Height, Hip girth, Inside leg length	Hip girth	Height, Waist girth, Inside leg length
Skirts	Waist girth	Height	Hip girth	Height, Waist Gi
Dresses	Chest girth	Height	Bust girth	Height, Hip girth, Waist girth
Knits (cardigans, sweaters, T-shirts)	Chest girth	Height	Bust girth	Height
Shirts / Blouses	Neck girth (d) Or Chest girth (d)	Height, Under arm length, Arm length, Back neck to wrist length	Bust girth	Height, Neck girth, Under arm length, Arm length, Back neck to wrist length
Full bodies (overalls, surf-suits, wetsuits, bicycling gear, swimwear, skiwear, brace & bibs)	Chest girth (d) Or Waist girth (d)	Height	Bust girth	Height, Waist girth, Hip girth
2. Underwear:				
Undervest	Chest girth	Height	Bust girth	Height, Hip girth
Underpants / trunk	Waist girth	Height, Hip girth	Hip girth	Height, Waist girth
Leggings / long-johns	Waist girth	Height	Hip girth	Height, Inside leg length
Nightwear	Chest girth	Height, Waist girth	Bust girth	Height, Waist girth, Hip girth
Swimwear (without cups)	Waist girth	Height	Bust girth	Height, Hip girth

Apparel for:	Male		Female	
Dimensions:	PD (a)	SD (b)	PD (a)	SD (b)
Swimwear (with cups)	—	—	Bust girth & Underbust girth (e)	—
3. Corsetry (intimate Apparel):				
Bras	Chest girth	—	Bust girth & Underbust girth (e)	—
Corsetry upper & full body (with cups)	—	—	Bust girth & Underbust girth (e)	Height, Hip girth, Waist girth
Corsetry upper & full body (without cups)	—	—	Bust girth	Height, Hip girth, Waist girth
Corsetry lower body	—	—	Waist girth, Hip girth	Height
Panty girdle	—	—	Waist girth	Hip girth.
a) PD: Primary dimension. b) SD: Secondary dimension. c) Large meaning for “dress”, whatever the gender (e.g. tunic). d) When one PD is chosen as PD, the second alternative PD can be selected as SD. e) Cup size: refer to the definition f) Height refers to the centre of the range (ex. 148-156cm means Height is 152cm)				

5.4 Apparel Size Labelling Based on Body Measurements

5.4.1 Size label on Apparel

The size label of each Apparel shall display the applicable Primary Dimension (PD) specified in Table 8. Manufacturers and retailers adopting the INDIA size sizing system may additionally display the country code “IND” as a prefix to the size designation to indicate conformity with the Indian National Sizing System.

The size designation shall be presented prominently, legibly and in a conspicuous manner on a label affixed to the Apparel or printed directly on the Apparel at an appropriate location.

The Primary Dimension shall be expressed in centimeters. Where required, an equivalent inch-based size designation may additionally be displayed for consumer convenience. Such inch-based designations may be rounded to the nearest commonly recognized commercial size designation.

Where more than one body dimension is indicated, the dimensions shall be separated by a slash (/) and presented in the order of priority specified in Table 8. Display of Secondary Dimensions on the Apparel size label is optional and not mandatory.

Examples:

a) A formal shirt for males may display the Neck Girth as:

- IND 40 cm (Metric designation) and
- IND 16 (Equivalent inch-based designation) (Optional)

A formal shirt for males may display the Neck Girth/ Arm length as:

- IND 40/59 cm (Metric designation) and
- IND 16/23 (Equivalent inch-based designation) (Optional)

b) A female dress may display the Bust Girth as:

- IND 93 cm (Metric designation) and
- IND 37 (Equivalent inch-based designation) (Optional)

A female dress may display the Bust Girth & Hip Girth as:

- IND 93/99 cm (Metric designation) and
- IND 37/39 (Equivalent inch-based designation) (Optional)

Note: For consumer-facing Apparel labels, only the applicable Primary Dimension (PD) is required to be displayed along with the country code “IND”. Secondary Dimensions (SD) are intended primarily for apparel design, pattern development, grading and manufacturing reference. Display of Secondary Dimensions on the Apparel size label is optional.

5.4.2 Size details on the swing ticket/tag, packaging, leaflets, posters, catalogue or websites

The size designation of each Apparel shall be indicated using the applicable **Primary Dimension (PD)** as specified in Table 8 on swing tickets/tags, packaging, leaflets, posters, catalogues, websites, or other point-of-sale and product information materials.

Manufacturers and retailers may provide additional body measurement information, including Secondary Dimensions, where considered necessary. Any pictograms used shall be of sufficient size to ensure immediate understanding, and all numerals and text shall be clearly legible.

5.4.3 Additional information

Any information supplementary to the size designation may be provided separately on the Apparel label, swing ticket/tag, packaging, or other accompanying materials, provided that such information does not diminish the prominence, visibility, or clarity of the prescribed size designation.

Enclosed:

Annexure A: For Male (14 Size Charts) and Female (13 Size Chart)

Annexure A

MALE: Height : ≥ 154 cm and < 162 cm Body Type: C

Dimension Name	Grade Rule(cm)	CG85	CG89	CG93	CG97	CG101	CG105	CG109	CG113
Stature	0	158	158	158	158	158	158	158	158
GIRTH MEASUREMENTS									
Head Girth	0.3	55.4	55.7	56	56.3	56.6	56.9	57.2	57.5
Neck Girth	0.6	38	38.6	39.2	39.8	40.4	41	41.6	42.2
Neck Base Girth	0.6	40.8	41.4	42	42.6	43.2	43.8	44.4	45
Chest Girth	4	85	89	93	97	101	105	109	113
Waist Girth	4	86.6	90.6	94.6	98.6	102.6	106.6	110.6	114.6
Upper Hip Girth	3.8	88.8	92.6	96.4	100.2	104	107.8	111.6	115.4
Hip Girth	2.8	89.8	92.6	95.4	98.2	101	103.8	106.6	109.4
Thigh Girth	2	50.4	52.4	54.4	56.4	58.4	60.4	62.4	64.4
Mid-Thigh Girth	1.4	39.7	41.1	42.5	43.9	45.3	46.7	48.1	49.5
Knee Girth	0.8	34	34.8	35.6	36.4	37.2	38	38.8	39.6
Calf Girth	1	32.3	33.3	34.3	35.3	36.3	37.3	38.3	39.3
Ankle Girth	0.5	22.8	23.3	23.8	24.3	24.8	25.3	25.8	26.3
Upper Arm Girth	1.4	26.3	27.7	29.1	30.5	31.9	33.3	34.7	36.1
Elbow Girth	0.7	23.9	24.6	25.3	26	26.7	27.4	28.1	28.8
Wrist Girth	0.3	16.2	16.5	16.8	17.1	17.4	17.7	18	18.3
DEPTH/LENGTH MEASUREMENTS									
Head Length	0.1	18.9	19	19.1	19.2	19.3	19.4	19.5	19.6
Head Breadth	0.1	15.6	15.7	15.8	15.9	16	16.1	16.2	16.3
Scye Depth from Nape	0.7	19	19.7	20.4	21.1	21.8	22.5	23.2	23.9
Front Full Length (HSP to Waist)	0.6	45.7	46.3	46.9	47.5	48.1	48.7	49.3	49.9
Centre Back Length	0.5	38.3	38.8	39.3	39.8	40.3	40.8	41.3	41.8
Side Seam Length	-0.2	19.5	19.3	19.1	18.9	18.7	18.5	18.3	18.1
Across Chest Level from HSP	0.5	15.7	16.2	16.7	17.2	17.7	18.2	18.7	19.2
Shoulder Drop	0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Hip Depth from Waist	0	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
Crotch Level/Vertical Rise	0.3	28.3	28.6	28.9	29.2	29.5	29.8	30.1	30.4
Outside Leg Length	0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

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MALE: Height : >= 154 cm and < 162 cm Body Type: P

Dimension Name	Grade Rule(cm)	CG81	CG85	CG89	CG93	CG97	CG101	CG105	CG109	CG113
Stature	0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0
GIRTH MEASUREMENTS										
Head Girth	0.3	55.2	55.5	55.8	56.1	56.4	56.7	57.0	57.3	57.6
Neck Girth	0.6	36.2	36.8	37.4	38.0	38.6	39.2	39.8	40.4	41.0
Neck Base Girth	0.6	39.4	40.0	40.6	41.2	41.8	42.4	43.0	43.6	44.2
Chest Girth	4	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4	78.6	82.6	86.6	90.6	94.6	98.6	102.6	106.6	110.6
Upper Hip Girth	3.8	80.0	83.8	87.6	91.4	95.2	99.0	102.8	106.6	110.4
Hip Girth	2.8	84.8	87.6	90.4	93.2	96.0	98.8	101.6	104.4	107.2
Thigh Girth	2	47.4	49.4	51.4	53.4	55.4	57.4	59.4	61.4	63.4
Mid-Thigh Girth	1.4	38.3	39.7	41.1	42.5	43.9	45.3	46.7	48.1	49.5
Knee Girth	0.8	32.7	33.5	34.3	35.1	35.9	36.7	37.5	38.3	39.1
Calf Girth	1	31.2	32.2	33.2	34.2	35.2	36.2	37.2	38.2	39.2
Ankle Girth	0.5	22.1	22.6	23.1	23.6	24.1	24.6	25.1	25.6	26.1
Upper Arm Girth	1.4	25.0	26.4	27.8	29.2	30.6	32.0	33.4	34.8	36.2
Elbow Girth	0.7	23.2	23.9	24.6	25.3	26.0	26.7	27.4	28.1	28.8
Wrist Girth	0.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.7	18.0
DEPTH/LENGTH MEASUREMENTS										
Head Length	0.1	18.9	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7
Head Breadth	0.1	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4
Scye Depth from Nape	0.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3	24.0
Front Full Length (HSP to Waist)	0.6	43.8	44.4	45.0	45.6	46.2	46.8	47.4	48.0	48.6
Centre Back Length	0.5	38.4	38.9	39.4	39.9	40.4	40.9	41.4	41.9	42.4
Side Seam Length	-0.2	20.0	19.8	19.6	19.4	19.2	19.0	18.8	18.6	18.4
Across Chest Level from HSP	0.5	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5
Shoulder Drop	0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Hip Depth from Waist	0	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
Crotch Level/Vertical Rise	0.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4	29.7	30.0
Outside Leg Length	0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

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[illegible]

MALE: Height: >= 154 cm and < 162 cm Body Type: R

Dimension Name	Grade Rule(cm)	CG77	CG81	CG85	CG89	CG93	CG97	CG101	CG105	CG109
Stature	0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0
GIRTH MEASUREMENTS										
Head Girth	0.3	54.9	55.2	55.5	55.8	56.1	56.4	56.7	57.0	57.3
Neck Girth	0.6	34.9	35.5	36.1	36.7	37.3	37.9	38.5	39.1	39.7
Neck Base Girth	0.6	38.2	38.8	39.4	40.0	40.6	41.2	41.8	42.4	43.0
Chest Girth	4	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0
Waist Girth	4	70.1	74.1	78.1	82.1	86.1	90.1	94.1	98.1	102.1
Upper Hip Girth	3.8	72.1	75.9	79.7	83.5	87.3	91.1	94.9	98.7	102.5
Hip Girth	2.8	80.6	83.4	86.2	89.0	91.8	94.6	97.4	100.2	103.0
Thigh Girth	2	45.5	47.5	49.5	51.5	53.5	55.5	57.5	59.5	61.5
Mid-Thigh Girth	1.4	36.9	38.3	39.7	41.1	42.5	43.9	45.3	46.7	48.1
Knee Girth	0.8	31.8	32.6	33.4	34.2	35.0	35.8	36.6	37.4	38.2
Calf Girth	1	30.2	31.2	32.2	33.2	34.2	35.2	36.2	37.2	38.2
Ankle Girth	0.5	21.6	22.1	22.6	23.1	23.6	24.1	24.6	25.1	25.6
Upper Arm Girth	1.4	23.8	25.2	26.6	28.0	29.4	30.8	32.2	33.6	35.0
Elbow Girth	0.7	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2
Wrist Girth	0.3	15.1	15.4	15.7	16.0	16.3	16.6	16.9	17.2	17.5
DEPTH/LENGTH MEASUREMENTS										
Head Length	0.1	18.7	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
Head Breadth	0.1	15.6	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4
Scye Depth from Nape	0.7	17.4	18.1	18.8	19.5	20.2	20.9	21.6	22.3	23.0
Front Full Length (HSP to Waist)	0.6	42.7	43.3	43.9	44.5	45.1	45.7	46.3	46.9	47.5
Centre Back Length	0.5	37.7	38.2	38.7	39.2	39.7	40.2	40.7	41.2	41.7
Side Seam Length	-0.2	20.4	20.2	20.0	19.8	19.6	19.4	19.2	19.0	18.8
Across Chest Level from HSP	0.5	14.8	15.3	15.8	16.3	16.8	17.3	17.8	18.3	18.8
Shoulder Drop	0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Hip Depth from Waist	0	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
Crotch Level/Vertical Rise	0.3	27.4	27.7	28.0	28.3	28.6	28.9	29.2	29.5	29.8
Outside Leg Length	0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

(Continued...)

[illegible]

MALE: Height: ≥ 154 cm and < 162 cm Body Type: S

Dimension Name	Grade Rule(cm)	CG77	CG81	CG85	CG89	CG93	CG97	CG101	CG105	CG109
Stature	0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0
GIRTH MEASUREMENTS										
Head Girth	0.3	55.0	55.3	55.6	55.9	56.2	56.5	56.8	57.1	57.4
Neck Girth	0.6	33.1	33.7	34.3	34.9	35.5	36.1	36.7	37.3	37.9
Neck Base Girth	0.6	37.7	38.3	38.9	39.5	40.1	40.7	41.3	41.9	42.5
Chest Girth	4	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0
Waist Girth	4	65.3	69.3	73.3	77.3	81.3	85.3	89.3	93.3	97.3
Upper Hip Girth	3.8	67.8	71.6	75.4	79.2	83.0	86.8	90.6	94.4	98.2
Hip Girth	2.8	79.5	82.3	85.1	87.9	90.7	93.5	96.3	99.1	101.9
Thigh Girth	2	45.3	47.3	49.3	51.3	53.3	55.3	57.3	59.3	61.3
Mid-Thigh Girth	1.4	36.9	38.3	39.7	41.1	42.5	43.9	45.3	46.7	48.1
Knee Girth	0.8	32.1	32.9	33.7	34.5	35.3	36.1	36.9	37.7	38.5
Calf Girth	1	29.8	30.8	31.8	32.8	33.8	34.8	35.8	36.8	37.8
Ankle Girth	0.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0
Upper Arm Girth	1.4	23.2	24.6	26.0	27.4	28.8	30.2	31.6	33.0	34.4
Elbow Girth	0.7	22.4	23.1	23.8	24.5	25.2	25.9	26.6	27.3	28.0
Wrist Girth	0.3	14.9	15.2	15.5	15.8	16.1	16.4	16.7	17.0	17.3
DEPTH/LENGTH MEASUREMENTS										
Head Length	0.1	18.7	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5
Head Breadth	0.1	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4	16.5
Scye Depth from Nape	0.7	16.9	17.6	18.3	19.0	19.7	20.4	21.1	21.8	22.5
Front Full Length (HSP to Waist)	0.6	41.9	42.5	43.1	43.7	44.3	44.9	45.5	46.1	46.7
Centre Back Length	0.5	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0	41.5
Side Seam Length	-0.2	20.6	20.4	20.2	20.0	19.8	19.6	19.4	19.2	19.0
Across Chest Level from HSP	0.5	14.7	15.2	15.7	16.2	16.7	17.2	17.7	18.2	18.7
Shoulder Drop	0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Hip Depth from Waist	0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
Crotch Level/Vertical Rise	0.3	27.7	28.0	28.3	28.6	28.9	29.2	29.5	29.8	30.1
Outside Leg Length	0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

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[illegible]

MALE: Height: ≥ 154 cm and < 162 cm Body Type: Y

Dimension Name	Grade Rule(cm)	CG77	CG81	CG85	CG89	CG93	CG97	CG101	CG105
Stature	0	158.0	158.0	158.0	158.0	158.0	158.0	158.0	158.0
GIRTH MEASUREMENTS									
Head Girth	0.3	55.1	55.4	55.7	56.0	56.3	56.6	56.9	57.2
Neck Girth	0.6	32.6	33.2	33.8	34.4	35.0	35.6	36.2	36.8
Neck Base Girth	0.6	37.6	38.2	38.8	39.4	40.0	40.6	41.2	41.8
Chest Girth	4	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0
Waist Girth	4	60.6	64.6	68.6	72.6	76.6	80.6	84.6	88.6
Upper Hip Girth	3.8	63.2	67.0	70.8	74.6	78.4	82.2	86.0	89.8
Hip Girth	2.8	77.1	79.9	82.7	85.5	88.3	91.1	93.9	96.7
Thigh Girth	2	44.0	46.0	48.0	50.0	52.0	54.0	56.0	58.0
Mid-Thigh Girth	1.4	36.4	37.8	39.2	40.6	42.0	43.4	44.8	46.2
Knee Girth	0.8	31.9	32.7	33.5	34.3	35.1	35.9	36.7	37.5
Calf Girth	1	29.6	30.6	31.6	32.6	33.6	34.6	35.6	36.6
Ankle Girth	0.5	21.6	22.1	22.6	23.1	23.6	24.1	24.6	25.1
Upper Arm Girth	1.4	22.4	23.8	25.2	26.6	28.0	29.4	30.8	32.2
Elbow Girth	0.7	22.2	22.9	23.6	24.3	25.0	25.7	26.4	27.1
Wrist Girth	0.3	14.6	14.9	15.2	15.5	15.8	16.1	16.4	16.7
DEPTH/LENGTH MEASUREMENTS									
Head Length	0.1	18.6	18.7	18.8	18.9	19.0	19.1	19.2	19.3
Head Breadth	0.1	15.7	15.8	15.9	16.0	16.1	16.2	16.3	16.4
Scye Depth from Nape	0.7	16.6	17.3	18.0	18.7	19.4	20.1	20.8	21.5
Front Full Length (HSP to Waist)	0.6	41.7	42.3	42.9	43.5	44.1	44.7	45.3	45.9
Centre Back Length	0.5	37.5	38.0	38.5	39.0	39.5	40.0	40.5	41.0
Side Seam Length	-0.2	21.1	20.9	20.7	20.5	20.3	20.1	19.9	19.7
Across Chest Level from HSP	0.5	14.2	14.7	15.2	15.7	16.2	16.7	17.2	17.7
Shoulder Drop	0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
Hip Depth from Waist	0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
Crotch Level/Vertical Rise	0.3	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4
Outside Leg Length	0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

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[illegible]

MALE : Height : >=162 cm to <170 cm Body Type : C

Dimension Name	Grade Rule(cm)	CG89	CG93	CG97	CG101	CG105	CG109	CG113
Stature	0	166.0	166.0	166.0	166.0	166.0	166.0	166.0
GIRTH MEASUREMENTS								
Head Girth	0.3	56.2	56.5	56.8	57.1	57.4	57.7	58.0
Neck Girth	0.6	38.2	38.8	39.4	40.0	40.6	41.2	41.8
Neck Base Girth	0.6	41.4	42.0	42.6	43.2	43.8	44.4	45.0
Chest Girth	4	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4	90.4	94.4	98.4	102.4	106.4	110.4	114.4
Upper Hip Girth	3.8	92.2	96.0	99.8	103.6	107.4	111.2	115.0
Hip Girth	2.8	92.5	95.3	98.1	100.9	103.7	106.5	109.3
Thigh Girth	2	53.1	55.1	57.1	59.1	61.1	63.1	65.1
Mid-Thigh Girth	1.4	42.3	43.7	45.1	46.5	47.9	49.3	50.7
Knee Girth	0.8	35.6	36.4	37.2	38.0	38.8	39.6	40.4
Calf Girth	1	34.2	35.2	36.2	37.2	38.2	39.2	40.2
Ankle Girth	0.5	23.8	24.3	24.8	25.3	25.8	26.3	26.8
Upper Arm Girth	1.4	27.7	29.1	30.5	31.9	33.3	34.7	36.1
Elbow Girth	0.7	25.1	25.8	26.5	27.2	27.9	28.6	29.3
Wrist Girth	0.3	16.7	17.0	17.3	17.6	17.9	18.2	18.5
DEPTH/LENGTH MEASUREMENTS								
Head Length	0.1	19.1	19.2	19.3	19.4	19.5	19.6	19.7
Head Breadth	0.1	15.9	16.0	16.1	16.2	16.3	16.4	16.5
Scye Depth from Nape	0.7	20.4	21.1	21.8	22.5	23.2	23.9	24.6
Front Full Length (HSP to Waist)	0.6	47.3	47.9	48.5	49.1	49.7	50.3	50.9
Centre Back Length	0.5	40.4	40.9	41.4	41.9	42.4	42.9	43.4
Side Seam Length	-0.2	20.2	20.0	19.8	19.6	19.4	19.2	19.0
Across Chest Level from HSP	0.5	16.7	17.2	17.7	18.2	18.7	19.2	19.7
Shoulder Drop	0	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Hip Depth from Waist	0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
Crotch Level/Vertical Rise	0.3	28.9	29.2	29.5	29.8	30.1	30.4	30.7
Outside Leg Length	0	104.3	104.3	104.3	104.3	104.3	104.3	104.3

(Continued...)

MALE : Height : >=162 cm to <170 cm Body Type : P

Dimension Name	Grade Rule(cm)	CG85	CG89	CG93	CG97	CG101	CG105	CG109	CG113	CG117
Stature	0	166.0	166.0	166.0	166.0	166.0	166.0	166.0	166.0	166.0
GIRTH MEASUREMENTS										
Head Girth	0.3	55.8	56.1	56.4	56.7	57.0	57.3	57.6	57.9	58.2
Neck Girth	0.6	36.9	37.5	38.1	38.7	39.3	39.9	40.5	41.1	41.7
Neck Base Girth	0.6	40.3	40.9	41.5	42.1	42.7	43.3	43.9	44.5	45.1
Chest Girth	4	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0	117.0
Waist Girth	4	82.5	86.5	90.5	94.5	98.5	102.5	106.5	110.5	114.5
Upper Hip Girth	3.8	83.9	87.7	91.5	95.3	99.1	102.9	106.7	110.5	114.3
Hip Girth	2.8	88.3	91.1	93.9	96.7	99.5	102.3	105.1	107.9	110.7
Thigh Girth	2	50.4	52.4	54.4	56.4	58.4	60.4	62.4	64.4	66.4
Mid-Thigh Girth	1.4	40.5	41.9	43.3	44.7	46.1	47.5	48.9	50.3	51.7
Knee Girth	0.8	34.2	35.0	35.8	36.6	37.4	38.2	39.0	39.8	40.6
Calf Girth	1	32.7	33.7	34.7	35.7	36.7	37.7	38.7	39.7	40.7
Ankle Girth	0.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0	26.5	27.0
Upper Arm Girth	1.4	26.3	27.7	29.1	30.5	31.9	33.3	34.7	36.1	37.5
Elbow Girth	0.7	24.2	24.9	25.6	26.3	27.0	27.7	28.4	29.1	29.8
Wrist Girth	0.3	16.1	16.4	16.7	17.0	17.3	17.6	17.9	18.2	18.5
DEPTH/LENGTH MEASUREMENTS										
Head Length	0.1	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8
Head Breadth	0.1	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7
Scye Depth from Nape	0.7	19.4	20.1	20.8	21.5	22.2	22.9	23.6	24.3	25.0
Front Full Length (HSP to Waist)	0.6	46.2	46.8	47.4	48.0	48.6	49.2	49.8	50.4	51.0
Centre Back Length	0.5	40.7	41.2	41.7	42.2	42.7	43.2	43.7	44.2	44.7
Side Seam Length	-0.2	21.4	21.2	21.0	20.8	20.6	20.4	20.2	20.0	19.8
Across Chest Level from HSP	0.5	16.3	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.3
Shoulder Drop	0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Hip Depth from Waist	0	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
Crotch Level/Vertical Rise	0.3	28.1	28.4	28.7	29.0	29.3	29.6	29.9	30.2	30.5
Outside Leg Length	0	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1	103.1

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MALE : Height : >=162 cm to <170 cm Body Type : R

Dimension Name	Grade Rule(cm)	CG81	CG85	CG89	CG93	CG97	CG101	CG105	CG109	CG113
Stature	0	166.0	166.0	166.0	166.0	166.0	166.0	166.0	166.0	166.0
GIRTH MEASUREMENTS										
Head Girth	0.3	55.7	56.0	56.3	56.6	56.9	57.2	57.5	57.8	58.1
Neck Girth	0.6	35.8	36.4	37.0	37.6	38.2	38.8	39.4	40.0	40.6
Neck Base Girth	0.6	39.6	40.2	40.8	41.4	42.0	42.6	43.2	43.8	44.4
Chest Girth	4	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4	74.0	78.0	82.0	86.0	90.0	94.0	98.0	102.0	106.0
Upper Hip Girth	3.8	76.0	79.8	83.6	87.4	91.2	95.0	98.8	102.6	106.4
Hip Girth	2.8	84.2	87.0	89.8	92.6	95.4	98.2	101.0	103.8	106.6
Thigh Girth	2	48.1	50.1	52.1	54.1	56.1	58.1	60.1	62.1	64.1
Mid-Thigh Girth	1.4	39.3	40.7	42.1	43.5	44.9	46.3	47.7	49.1	50.5
Knee Girth	0.8	33.2	34.0	34.8	35.6	36.4	37.2	38.0	38.8	39.6
Calf Girth	1	31.7	32.7	33.7	34.7	35.7	36.7	37.7	38.7	39.7
Ankle Girth	0.5	22.4	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4
Upper Arm Girth	1.4	25.0	26.4	27.8	29.2	30.6	32.0	33.4	34.8	36.2
Elbow Girth	0.7	23.5	24.2	24.9	25.6	26.3	27.0	27.7	28.4	29.1
Wrist Girth	0.3	15.7	16.0	16.3	16.6	16.9	17.2	17.5	17.8	18.1
DEPTH/LENGTH MEASUREMENTS										
Head Length	0.1	18.9	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7
Head Breadth	0.1	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7
Scye Depth from Nape	0.7	18.5	19.2	19.9	20.6	21.3	22.0	22.7	23.4	24.1
Front Full Length (HSP to Waist)	0.6	44.7	45.3	45.9	46.5	47.1	47.7	48.3	48.9	49.5
Centre Back Length	0.5	39.5	40.0	40.5	41.0	41.5	42.0	42.5	43.0	43.5
Side Seam Length	-0.2	21.2	21.0	20.8	20.6	20.4	20.2	20.0	19.8	19.6
Across Chest Level from HSP	0.5	15.7	16.2	16.7	17.2	17.7	18.2	18.7	19.2	19.7
Shoulder Drop	0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Hip Depth from Waist	0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
Crotch Level/Vertical Rise	0.3	28.3	28.6	28.9	29.2	29.5	29.8	30.1	30.4	30.7
Outside Leg Length	0	103.3	103.3	103.3	103.3	103.3	103.3	103.3	103.3	103.3

(Continued...)

[illegible]

MALE : Height : >=162 cm to <170 cm Body Type : S

Dimension Name	Grade Rule(cm)	CG77	CG81	CG85	CG89	CG93	CG97	CG101	CG105	CG109
Stature	0	166.0	166.0	166.0	166.0	166.0	166.0	166.0	166.0	166.0
GIRTH MEASUREMENTS										
Head Girth	0.3	55.6	55.9	56.2	56.5	56.8	57.1	57.4	57.7	58.0
Neck Girth	0.6	34.3	34.9	35.5	36.1	36.7	37.3	37.9	38.5	39.1
Neck Base Girth	0.6	38.3	38.9	39.5	40.1	40.7	41.3	41.9	42.5	43.1
Chest Girth	4	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0
Waist Girth	4	65.5	69.5	73.5	77.5	81.5	85.5	89.5	93.5	97.5
Upper Hip Girth	3.8	68.0	71.8	75.6	79.4	83.2	87.0	90.8	94.6	98.4
Hip Girth	2.8	80.8	83.6	86.4	89.2	92.0	94.8	97.6	100.4	103.2
Thigh Girth	2	45.7	47.7	49.7	51.7	53.7	55.7	57.7	59.7	61.7
Mid-Thigh Girth	1.4	37.7	39.1	40.5	41.9	43.3	44.7	46.1	47.5	48.9
Knee Girth	0.8	32.1	32.9	33.7	34.5	35.3	36.1	36.9	37.7	38.5
Calf Girth	1	30.6	31.6	32.6	33.6	34.6	35.6	36.6	37.6	38.6
Ankle Girth	0.5	22.0	22.5	23.0	23.5	24.0	24.5	25.0	25.5	26.0
Upper Arm Girth	1.4	23.9	25.3	26.7	28.1	29.5	30.9	32.3	33.7	35.1
Elbow Girth	0.7	22.8	23.5	24.2	24.9	25.6	26.3	27.0	27.7	28.4
Wrist Girth	0.3	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.7
DEPTH/LENGTH MEASUREMENTS										
Head Length	0.1	18.8	18.9	19.0	19.1	19.2	19.3	19.4	19.5	19.6
Head Breadth	0.1	15.9	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7
Scye Depth from Nape	0.7	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3
Front Full Length (HSP to Waist)	0.6	43.5	44.1	44.7	45.3	45.9	46.5	47.1	47.7	48.3
Centre Back Length	0.5	38.8	39.3	39.8	40.3	40.8	41.3	41.8	42.3	42.8
Side Seam Length	-0.2	21.3	21.1	20.9	20.7	20.5	20.3	20.1	19.9	19.7
Across Chest Level from HSP	0.5	15.1	15.6	16.1	16.6	17.1	17.6	18.1	18.6	19.1
Shoulder Drop	0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Hip Depth from Waist	0	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
Crotch Level/Vertical Rise	0.3	28.5	28.8	29.1	29.4	29.7	30.0	30.3	30.6	30.9
Outside Leg Length	0	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5

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[illegible]

MALE : Height : >=162 cm to <170 cm Body Type : Y

Dimension Name	Grade Rule(cm)	CG81	CG85	CG89	CG93	CG97	CG101	CG105	CG109
Stature	0	166.0	166.0	166.0	166.0	166.0	166.0	166.0	166.0
GIRTH MEASUREMENTS									
Head Girth	0.3	55.8	56.1	56.4	56.7	57.0	57.3	57.6	57.9
Neck Girth	0.6	33.6	34.2	34.8	35.4	36.0	36.6	37.2	37.8
Neck Base Girth	0.6	38.6	39.2	39.8	40.4	41.0	41.6	42.2	42.8
Chest Girth	4	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0
Waist Girth	4	64.4	68.4	72.4	76.4	80.4	84.4	88.4	92.4
Upper Hip Girth	3.8	67.3	71.1	74.9	78.7	82.5	86.3	90.1	93.9
Hip Girth	2.8	81.4	84.2	87.0	89.8	92.6	95.4	98.2	101.0
Thigh Girth	2	47.1	49.1	51.1	53.1	55.1	57.1	59.1	61.1
Mid-Thigh Girth	1.4	38.5	39.9	41.3	42.7	44.1	45.5	46.9	48.3
Knee Girth	0.8	32.9	33.7	34.5	35.3	36.1	36.9	37.7	38.5
Calf Girth	1	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0
Ankle Girth	0.5	22.3	22.8	23.3	23.8	24.3	24.8	25.3	25.8
Upper Arm Girth	1.4	24.1	25.5	26.9	28.3	29.7	31.1	32.5	33.9
Elbow Girth	0.7	23.0	23.7	24.4	25.1	25.8	26.5	27.2	27.9
Wrist Girth	0.3	15.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4
DEPTH/LENGTH MEASUREMENTS									
Head Length	0.1	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7
Head Breadth	0.1	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7
Scye Depth from Nape	0.7	17.8	18.5	19.2	19.9	20.6	21.3	22.0	22.7
Front Full Length (HSP to Waist)	0.6	43.6	44.2	44.8	45.4	46.0	46.6	47.2	47.8
Centre Back Length	0.5	39.3	39.8	40.3	40.8	41.3	41.8	42.3	42.8
Side Seam Length	-0.2	21.6	21.4	21.2	21.0	20.8	20.6	20.4	20.2
Across Chest Level from HSP	0.5	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4
Shoulder Drop	0	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
Hip Depth from Waist	0	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
Crotch Level/Vertical Rise	0.3	28.5	28.8	29.1	29.4	29.7	30.0	30.3	30.6
Outside Leg Length	0	103.5	103.5	103.5	103.5	103.5	103.5	103.5	103.5

(Continued...)

[illegible]

MALE: Height: >=170 cm <178 cm Body Type : P

Dimension Name	Grade Rule (cm)	CG89	CG93	CG97	CG101	CG105	CG109	CG113	CG117	CG121
Stature	0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
GIRTH MEASUREMENTS										
Head Girth	0.3	56.6	56.9	57.2	57.5	57.8	58.1	58.4	58.7	59.0
Neck Girth	0.6	38.0	38.6	39.2	39.8	40.4	41.0	41.6	42.2	42.8
Neck Base Girth	0.6	41.7	42.3	42.9	43.5	44.1	44.7	45.3	45.9	46.5
Chest Girth	4	89.0	93.0	97.0	101.0	105.0	109.0	113.0	117.0	121.0
Waist Girth	4	85.2	89.2	93.2	97.2	101.2	105.2	109.2	113.2	117.2
Upper Hip Girth	3.8	87.7	91.5	95.3	99.1	102.9	106.7	110.5	114.3	118.1
Hip Girth	2.8	93.0	95.8	98.6	101.4	104.2	107.0	109.8	112.6	115.4
Thigh Girth	2	53.6	55.6	57.6	59.6	61.6	63.6	65.6	67.6	69.6
Mid-Thigh Girth	1.4	42.8	44.2	45.6	47.0	48.4	49.8	51.2	52.6	54.0
Knee Girth	0.8	35.6	36.4	37.2	38.0	38.8	39.6	40.4	41.2	42.0
Calf Girth	1	34.1	35.1	36.1	37.1	38.1	39.1	40.1	41.1	42.1
Ankle Girth	0.5	23.7	24.2	24.7	25.2	25.7	26.2	26.7	27.2	27.7
Upper Arm Girth	1.4	27.5	28.9	30.3	31.7	33.1	34.5	35.9	37.3	38.7
Elbow Girth	0.7	25.2	25.9	26.6	27.3	28.0	28.7	29.4	30.1	30.8
Wrist Girth	0.3	16.7	17.0	17.3	17.6	17.9	18.2	18.5	18.8	19.1
DEPTH/LENGTH MEASUREMENTS										
Head Length	0.1	19.3	19.4	19.5	19.6	19.7	19.8	19.9	20.0	20.1
Head Breadth	0.1	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9
ScyeDepth from Nape	0.7	20.9	21.6	22.3	23.0	23.7	24.4	25.1	25.8	26.5
FrontFull Length (HSP to Waist)	0.6	46.7	47.3	47.9	48.5	49.1	49.7	50.3	50.9	51.5
Centre Back Length	0.5	42.0	42.5	43.0	43.5	44.0	44.5	45.0	45.5	46.0
Side Seam Length	-0.2	21.2	21.0	20.8	20.6	20.4	20.2	20.0	19.8	19.6
AcrossChestLevel from HSP	0.5	17.4	17.9	18.4	18.9	19.4	19.9	20.4	20.9	21.4
Shoulder Drop	0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
HipDepth from Waist	0	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
Crotch Level/ Vertical Rise	0.3	29.7	30.0	30.3	30.6	30.9	31.2	31.5	31.8	32.1
Outside Leg Length	0	108.7	108.7	108.7	108.7	108.7	108.7	108.7	108.7	108.7

(Continued...)

[illegible]

MALE : Height : >=170 cm to <178 cm Body Type : R

Dimension Name	Grade Rule (cm)	CG85	CG89	CG93	CG97	CG101	CG105	CG109	CG113	CG117
Stature	0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
GIRTH MEASUREMENTS										
Head Girth	0.3	56.2	56.5	56.8	57.1	57.4	57.7	58.0	58.3	58.6
Neck Girth	0.6	36.5	37.1	37.7	38.3	38.9	39.5	40.1	40.7	41.3
Neck Base Girth	0.6	40.5	41.1	41.7	42.3	42.9	43.5	44.1	44.7	45.3
Chest Girth	4	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0	117.0
Waist Girth	4	77.3	81.3	85.3	89.3	93.3	97.3	101.3	105.3	109.3
Upper Hip Girth	3.8	79.7	83.5	87.3	91.1	94.9	98.7	102.5	106.3	110.1
Hip Girth	2.8	88.2	91.0	93.8	96.6	99.4	102.2	105.0	107.8	110.6
Thigh Girth	2	50.7	52.7	54.7	56.7	58.7	60.7	62.7	64.7	66.7
Mid-Thigh Girth	1.4	41.2	42.6	44.0	45.4	46.8	48.2	49.6	51.0	52.4
Knee Girth	0.8	34.5	35.3	36.1	36.9	37.7	38.5	39.3	40.1	40.9
Calf Girth	1	33.0	34.0	35.0	36.0	37.0	38.0	39.0	40.0	41.0
Ankle Girth	0.5	22.9	23.4	23.9	24.4	24.9	25.4	25.9	26.4	26.9
Upper Arm Girth	1.4	26.4	27.8	29.2	30.6	32.0	33.4	34.8	36.2	37.6
Elbow Girth	0.7	24.5	25.2	25.9	26.6	27.3	28.0	28.7	29.4	30.1
Wrist Girth	0.3	16.3	16.6	16.9	17.2	17.5	17.8	18.1	18.4	18.7
DEPTH/LENGTH MEASUREMENTS										
Head Length	0.1	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8
Head Breadth	0.1	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9
Scye Depth from Nape	0.7	19.8	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4
Front Full Length (HSP to Waist)	0.6	46.4	47.0	47.6	48.2	48.8	49.4	50.0	50.6	51.2
Centre Back Length	0.5	41.6	42.1	42.6	43.1	43.6	44.1	44.6	45.1	45.6
Side Seam Length	-0.2	21.9	21.7	21.5	21.3	21.1	20.9	20.7	20.5	20.3
Across Chest Level from HSP	0.5	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5
Shoulder Drop	0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Hip Depth from Waist	0	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
Crotch Level/Vertical Rise	0.3	29.3	29.6	29.9	30.2	30.5	30.8	31.1	31.4	31.7
Outside Leg Length	0	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3	108.3

(Continued...)

[illegible]

MALE: Height: >=170 cm <178 cm Body Type :S

Dimension Name	Grade Rule (cm)	CG77	CG81	CG85	CG89	CG93	CG97	CG101	CG105	CG109	CG113
Stature	0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
GIRTH MEASUREMENTS											
Head Girth	0.3	55.9	56.2	56.5	56.8	57.1	57.4	57.7	58.0	58.3	58.6
Neck Girth	0.6	34.4	35.0	35.6	36.2	36.8	37.4	38.0	38.6	39.2	39.8
Neck Base Girth	0.6	38.8	39.4	40.0	40.6	41.2	41.8	42.4	43.0	43.6	44.2
Chest Girth	4	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4	65.3	69.3	73.3	77.3	81.3	85.3	89.3	93.3	97.3	101.3
Upper Hip Girth	3.8	68.4	72.2	76.0	79.8	83.6	87.4	91.2	95.0	98.8	102.6
Hip Girth	2.8	82.2	85.0	87.8	90.6	93.4	96.2	99.0	101.8	104.6	107.4
Thigh Girth	2	46.7	48.7	50.7	52.7	54.7	56.7	58.7	60.7	62.7	64.7
Mid-Thigh Girth	1.4	38.3	39.7	41.1	42.5	43.9	45.3	46.7	48.1	49.5	50.9
Knee Girth	0.8	32.8	33.6	34.4	35.2	36.0	36.8	37.6	38.4	39.2	40.0
Calf Girth	1	30.8	31.8	32.8	33.8	34.8	35.8	36.8	37.8	38.8	39.8
Ankle Girth	0.5	22.3	22.8	23.3	23.8	24.3	24.8	25.3	25.8	26.3	26.8
Upper Arm Girth	1.4	23.6	25.0	26.4	27.8	29.2	30.6	32.0	33.4	34.8	36.2
Elbow Girth	0.7	23.0	23.7	24.4	25.1	25.8	26.5	27.2	27.9	28.6	29.3
Wrist Girth	0.3	15.5	15.8	16.1	16.4	16.7	17.0	17.3	17.6	17.9	18.2
DEPTH/LENGTH MEASUREMENTS											
Head Length	0.1	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9
Head Breadth	0.1	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9
ScyeDepthfrom Nape	0.7	18.1	18.8	19.5	20.2	20.9	21.6	22.3	23.0	23.7	24.4
FrontFull Length (HSP to Waist)	0.6	45.0	45.6	46.2	46.8	47.4	48.0	48.6	49.2	49.8	50.4
Centre Back Length	0.5	40.7	41.2	41.7	42.2	42.7	43.2	43.7	44.2	44.7	45.2
Side Seam Length	-0.2	22.7	22.5	22.3	22.1	21.9	21.7	21.5	21.3	21.1	20.9
Across ChestLevel from HSP	0.5	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0
Shoulder Drop	0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
HipDepthfrom Waist	0	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
Crotch Level/Vertical Rise	0.3	29.1	29.4	29.7	30.0	30.3	30.6	30.9	31.2	31.5	31.8
Outside Leg Length	0	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1	108.1

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MALE: Height: >=170 cm <178 cm Body Type :Y

Dimension Name	Grade Rule (cm)	CG81	CG85	CG89	CG93	CG97	CG101	CG105	CG109	CG113
Stature	0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0	174.0
GIRTH MEASUREMENTS										
Head Girth	0.3	56.6	56.9	57.2	57.5	57.8	58.1	58.4	58.7	59.0
Neck Girth	0.6	33.9	34.5	35.1	35.7	36.3	36.9	37.5	38.1	38.7
Neck Base Girth	0.6	39.8	40.4	41.0	41.6	42.2	42.8	43.4	44.0	44.6
Chest Girth	4	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4	63.9	67.9	71.9	75.9	79.9	83.9	87.9	91.9	95.9
Upper Hip Girth	3.8	67.8	71.6	75.4	79.2	83.0	86.8	90.6	94.4	98.2
Hip Girth	2.8	82.8	85.6	88.4	91.2	94.0	96.8	99.6	102.4	105.2
Thigh Girth	2	47.3	49.3	51.3	53.3	55.3	57.3	59.3	61.3	63.3
Mid-Thigh Girth	1.4	39.0	40.4	41.8	43.2	44.6	46.0	47.4	48.8	50.2
Knee Girth	0.8	33.8	34.6	35.4	36.2	37.0	37.8	38.6	39.4	40.2
Calf Girth	1	31.3	32.3	33.3	34.3	35.3	36.3	37.3	38.3	39.3
Ankle Girth	0.5	22.7	23.2	23.7	24.2	24.7	25.2	25.7	26.2	26.7
Upper Arm Girth	1.4	23.9	25.3	26.7	28.1	29.5	30.9	32.3	33.7	35.1
Elbow Girth	0.7	23.4	24.1	24.8	25.5	26.2	26.9	27.6	28.3	29.0
Wrist Girth	0.3	15.6	15.9	16.2	16.5	16.8	17.1	17.4	17.7	18.0
DEPTH/LENGTH MEASUREMENTS										
Head Length	0.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	20.0
Head Breadth	0.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	17.0
Scye Depth from Nape	0.7	18.1	18.8	19.5	20.2	20.9	21.6	22.3	23.0	23.7
Front Full Length (HSP to Waist)	0.6	44.7	45.3	45.9	46.5	47.1	47.7	48.3	48.9	49.5
Centre Back Length	0.5	40.6	41.1	41.6	42.1	42.6	43.1	43.6	44.1	44.6
Side Seam Length	-0.2	22.7	22.5	22.3	22.1	21.9	21.7	21.5	21.3	21.1
Across Chest Level from HSP	0.5	14.9	15.4	15.9	16.4	16.9	17.4	17.9	18.4	18.9
Shoulder Drop	0	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7	6.7
Hip Depth from Waist	0	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
Crotch Level/Vertical Rise	0.3	28.6	28.9	29.2	29.5	29.8	30.1	30.4	30.7	31.0
Outside Leg Length	0	108.4	108.4	108.4	108.4	108.4	108.4	108.4	108.4	108.4

(Continued...)

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FEMALE : Height : >=140 cm to <148 cm Body Type: F

Dimension Name	Grade Rule (cm)	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109	BG113
Stature	0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
GIRTH MEASUREMENTS										
Neck Girth	0.6	31.1	31.7	32.3	32.9	33.5	34.1	34.7	35.3	35.9
Neck Base Girth	0.6	34.2	34.8	35.4	36.0	36.6	37.2	37.8	38.4	39.0
Bust Girth	4	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4 for Bust Girth 77 and smaller	68.4	73.4	78.4	83.4	87.4	92.4	96.4	100.4	104.4
Under Bust Girth	5 for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93	66.5	71.5	76.5	81.5	85.5	90.5	94.5	98.5	102.5
Upper Hip Girth	5 for Bust Girth 97 and 4 for Bust Girth 101	72.2	77.2	82.2	87.2	91.2	96.2	100.2	104.2	108.2
Top Hip Girth	and bigger	76.4	81.4	86.4	91.4	95.4	100.4	104.4	108.4	112.4
Hip Girth	4	79.1	83.1	87.1	91.1	95.1	99.1	103.1	107.1	111.1
Thigh Girth	2.2	46.3	48.5	50.7	52.9	55.1	57.3	59.5	61.7	63.9
Mid Thigh Girth	1.8	36.7	38.5	40.3	42.1	43.9	45.7	47.5	49.3	51.1
Knee Girth	1.2	30.6	31.8	33.0	34.2	35.4	36.6	37.8	39.0	40.2
Calf Girth	1.2	28.9	30.1	31.3	32.5	33.7	34.9	36.1	37.3	38.5
Ankle Girth	0.4	20.9	21.3	21.7	22.1	22.5	22.9	23.3	23.7	24.1
Upper Arm Girth	1.5	23.7	25.2	26.7	28.2	29.7	31.2	32.7	34.2	35.7
Elbow Girth	0.7	21.0	21.7	22.4	23.1	23.8	24.5	25.2	25.9	26.6
Wrist Girth	0.4	13.7	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9
DEPTH/LENGTH MEASUREMENTS										
Scye Depth Length from Nape	0.7	17.0	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6
Centre Back Length	0.4	33.8	34.2	34.6	35.0	35.4	35.8	36.2	36.6	37.0
Front Full Length (HSP to Waist)	0.6	38.1	38.7	39.3	39.9	40.5	41.1	41.7	42.3	42.9
Bust Depth from HSP	0.8	23.5	24.3	25.1	25.9	26.7	27.5	28.3	29.1	29.9
Side Seam Length	-0.3	17.4	17.1	16.8	16.5	16.2	15.9	15.6	15.3	15.0
Across Chest Level from HSP	0.5	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5
Shoulder Drop	0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Top Hip Depth from Waist	0	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Hip Depth from Waist	0	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
Crotch Level/Vertical Rise	0.3	24.9	25.2	25.5	25.8	26.1	26.4	26.7	27.0	27.3
Outside Leg Length	0	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
Inside Leg Length	-0.3	65.5	65.2	64.9	64.6	64.3	64.0	63.7	63.4	63.1
Inside Leg Length Slanted	-0.3	66.9	66.6	66.3	66.0	65.7	65.4	65.1	64.8	64.5

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FEMALE : Height : >=140 cm to <148 cm Body Type: S

Dimension Name	Grade Rule (cm)	BG77	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109
Stature	0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
GIRTH MEASUREMENTS										
Neck Girth	0.6	30.5	31.1	31.7	32.3	32.9	33.5	34.1	34.7	35.3
Neck Base Girth	0.6	33.7	34.3	34.9	35.5	36.1	36.7	37.3	37.9	38.5
Bust Girth	4	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0
Waist Girth	4 for Bust Girth 77 and smaller 5 for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93 5 for Bust Girth 97 and 4 for Bust Girth 101 and bigger	65.0	69.0	74.0	79.0	84.0	88.0	93.0	97.0	101.0
Under Bust Girth		62.4	66.4	71.4	76.4	81.4	85.4	90.4	94.4	98.4
Upper Hip Girth		69.7	73.7	78.7	83.7	88.7	92.7	97.7	101.7	105.7
Top Hip Girth		74.5	78.5	83.5	88.5	93.5	97.5	102.5	106.5	110.5
Hip Girth	4	79.1	83.1	87.1	91.1	95.1	99.1	103.1	107.1	111.1
Thigh Girth	2.2	47.0	49.2	51.4	53.6	55.8	58.0	60.2	62.4	64.6
Mid Thigh Girth	1.8	36.9	38.7	40.5	42.3	44.1	45.9	47.7	49.5	51.3
Knee Girth	1.2	30.6	31.8	33.0	34.2	35.4	36.6	37.8	39.0	40.2
Calf Girth	1.2	28.8	30.0	31.2	32.4	33.6	34.8	36.0	37.2	38.4
Ankle Girth	0.4	21.0	21.4	21.8	22.2	22.6	23.0	23.4	23.8	24.2
Upper Arm Girth	1.5	23.0	24.5	26.0	27.5	29.0	30.5	32.0	33.5	35.0
Elbow Girth	0.7	20.6	21.3	22.0	22.7	23.4	24.1	24.8	25.5	26.2
Wrist Girth	0.4	13.5	13.9	14.3	14.7	15.1	15.5	15.9	16.3	16.7
DEPTH/LENGTH MEASUREMENTS										
Scye Depth Length from Nape	0.7	16.4	17.1	17.8	18.5	19.2	19.9	20.6	21.3	22.0
Centre Back Length	0.4	33.2	33.6	34.0	34.4	34.8	35.2	35.6	36.0	36.4
Front Full Length (HSP to Waist)	0.6	37.5	38.1	38.7	39.3	39.9	40.5	41.1	41.7	42.3
Bust Depth from HSP	0.8	22.9	23.7	24.5	25.3	26.1	26.9	27.7	28.5	29.3
Side Seam Length	-0.3	17.0	16.7	16.4	16.1	15.8	15.5	15.2	14.9	14.6
Across Chest Level from HSP	0.5	14.7	15.2	15.7	16.2	16.7	17.2	17.7	18.2	18.7
Shoulder Drop	0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Top Hip Depth from Waist	0	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
Hip Depth from Waist	0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
Crotch Level/Vertical Rise	0.3	25.9	26.2	26.5	26.8	27.1	27.4	27.7	28.0	28.3
Outside Leg Length	0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
Inside Leg Length	-0.3	65.5	65.2	64.9	64.6	64.3	64.0	63.7	63.4	63.1
Inside Leg Length Slanted	-0.3	67.2	66.9	66.6	66.3	66.0	65.7	65.4	65.1	64.8

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FEMALE : Height : >=140 cm to <148 cm Body Type: R

Dimension Name	Grade Rule (icm)	BG73	BG77	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109
Stature	0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
GIRTH MEASUREMENTS											
Neck Girth	0.6	29.1	29.7	30.3	30.9	31.5	32.1	32.7	33.3	33.9	34.5
Neck Base Girth	0.6	33.3	33.9	34.5	35.1	35.7	36.3	36.9	37.5	38.1	38.7
Bust Girth	4	73.0	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0
Waist Girth	4 for Bust Girth 77 and smaller 5 for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93 for Bust Girth 97 and 4 for Bust Girth 101 and bigger	62.0	66.0	70.0	75.0	80.0	85.0	89.0	94.0	98.0	102.0
Under Bust Girth		60.3	64.3	68.3	73.3	78.3	83.3	87.3	92.3	96.3	100.3
Upper Hip Girth		67.0	71.0	75.0	80.0	85.0	90.0	94.0	99.0	103.0	107.0
Top Hip Girth		73.2	77.2	81.2	86.2	91.2	96.2	100.2	105.2	109.2	113.2
Hip Girth	4	79.1	83.1	87.1	91.1	95.1	99.1	103.1	107.1	111.1	115.1
Thigh Girth	2.2	47.1	49.3	51.5	53.7	55.9	58.1	60.3	62.5	64.7	66.9
Mid Thigh Girth	1.8	36.8	38.6	40.4	42.2	44.0	45.8	47.6	49.4	51.2	53.0
Knee Girth	1.2	30.6	31.8	33.0	34.2	35.4	36.6	37.8	39.0	40.2	41.4
Calf Girth	1.2	28.8	30.0	31.2	32.4	33.6	34.8	36.0	37.2	38.4	39.6
Ankle Girth	0.4	21.0	21.4	21.8	22.2	22.6	23.0	23.4	23.8	24.2	24.6
Upper Arm Girth	1.5	22.3	23.8	25.3	26.8	28.3	29.8	31.3	32.8	34.3	35.8
Elbow Girth	0.7	20.3	21.0	21.7	22.4	23.1	23.8	24.5	25.2	25.9	26.6
Wrist Girth	0.4	13.5	13.9	14.3	14.7	15.1	15.5	15.9	16.3	16.7	17.1
DEPTH/LENGTH MEASUREMENTS											
ScyeDepthLength from Nape	0.7	16.1	16.8	17.5	18.2	18.9	19.6	20.3	21.0	21.7	22.4
Centre Back Length	0.4	33.6	34.0	34.4	34.8	35.2	35.6	36.0	36.4	36.8	37.2
FrontFull Length(HSP to Waist)	0.6	36.5	37.1	37.7	38.3	38.9	39.5	40.1	40.7	41.3	41.9
Bust Depthfrom HSP	0.8	21.8	22.6	23.4	24.2	25.0	25.8	26.6	27.4	28.2	29.0
Side Seam Length	-0.3	17.6	17.3	17.0	16.7	16.4	16.1	15.8	15.5	15.2	14.9
Across ChestLevelfrom HSP	0.5	14.6	15.1	15.6	16.1	16.6	17.1	17.6	18.1	18.6	19.1
Shoulder Drop	0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Top Hip Depthfrom Waist	0	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5
Hip Depth from Waist	0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
Crotch Level/Vertical Rise	0.3	26.0	26.3	26.6	26.9	27.2	27.5	27.8	28.1	28.4	28.7
Outside Leg Length	0	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
Inside Leg Length	-0.3	65.3	65.0	64.7	64.4	64.1	63.8	63.5	63.2	62.9	62.6
Inside Leg Length Slanted	-0.3	66.8	66.5	66.2	65.9	65.6	65.3	65.0	64.7	64.4	64.1
Outer Arm Length	0	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7

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FEMALE : Height : >=140 cm to <148 cm Body Type: A

Dimension Name	Grade Rule (cm)	BG69	BG73	BG77	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109	BG113
Stature	0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0	144.0
GIRTH MEASUREMENTS													
Neck Girth	0.6	29.8	30.4	31.0	31.6	32.2	32.8	33.4	34.0	34.6	35.2	35.8	36.4
Neck Base Girth	0.6	33.0	33.6	34.2	34.8	35.4	36.0	36.6	37.2	37.8	38.4	39.0	39.6
Bust Girth	4	69.0	73.0	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4 for Bust Girth 77 and smaller	58.9	62.9	66.9	70.9	75.9	80.9	85.9	89.9	94.9	98.9	102.9	106.9
Under Bust Girth	5 for Bust Girth 81 to Bust Girth 89	55.9	59.9	63.9	67.9	72.9	77.9	82.9	86.9	91.9	95.9	99.9	103.9
Upper Hip Girth	4 for Bust Girth 93 5 for Bust Girth 97	65.6	69.6	73.6	77.6	82.6	87.6	92.6	96.6	101.6	105.6	109.6	113.6
Top Hip Girth	4 for Bust Girth 101 and bigger	71.5	75.5	79.5	83.5	88.5	93.5	98.5	102.5	107.5	111.5	115.5	119.5
Hip Girth	4	79.1	83.1	87.1	91.1	95.1	99.1	103.1	107.1	111.1	115.1	119.1	123.1
Thigh Girth	2.2	47.8	50.0	52.2	54.4	56.6	58.8	61.0	63.2	65.4	67.6	69.8	72.0
Mid Thigh Girth	1.8	37.8	39.6	41.4	43.2	45.0	46.8	48.6	50.4	52.2	54.0	55.8	57.6
Knee Girth	1.2	30.8	32.0	33.2	34.4	35.6	36.8	38.0	39.2	40.4	41.6	42.8	44.0
Calf Girth	1.2	28.6	29.8	31.0	32.2	33.4	34.6	35.8	37.0	38.2	39.4	40.6	41.8
Ankle Girth	0.4	20.9	21.3	21.7	22.1	22.5	22.9	23.3	23.7	24.1	24.5	24.9	25.3
Upper Arm Girth	1.5	22.2	23.7	25.2	26.7	28.2	29.7	31.2	32.7	34.2	35.7	37.2	38.7
Elbow Girth	0.7	20.5	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5	28.2
Wrist Girth	0.4	13.1	13.5	13.9	14.3	14.7	15.1	15.5	15.9	16.3	16.7	17.1	17.5
DEPTH/LENGTH MEASUREMENTS													
ScyeDepth Length from Nape	0.7	15.7	16.4	17.1	17.8	18.5	19.2	19.9	20.6	21.3	22.0	22.7	23.4
Centre Back Length	0.4	32.3	32.7	33.1	33.5	33.9	34.3	34.7	35.1	35.5	35.9	36.3	36.7
FrontFull Length(HSP to Waist)	0.6	36.7	37.3	37.9	38.5	39.1	39.7	40.3	40.9	41.5	42.1	42.7	43.3
Bust Depth from HSP	0.8	21.3	22.1	22.9	23.7	24.5	25.3	26.1	26.9	27.7	28.5	29.3	30.1
Side Seam Length	-0.3	16.5	16.2	15.9	15.6	15.3	15.0	14.7	14.4	14.1	13.8	13.5	13.2
Across Chest Level from HSP	0.5	14.1	14.6	15.1	15.6	16.1	16.6	17.1	17.6	18.1	18.6	19.1	19.6
Shoulder Drop	0	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
Top Hip Depth from Waist	0	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
Hip Depth from Waist	0	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Crotch Level/Vertical Rise	0.3	26.3	26.6	26.9	27.2	27.5	27.8	28.1	28.4	28.7	29.0	29.3	29.6
Outside Leg Length	0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
Inside Leg Length	-0.3	66.0	65.7	65.4	65.1	64.8	64.5	64.2	63.9	63.6	63.3	63.0	62.7
Inside Leg Length Slanted	-0.3	67.5	67.2	66.9	66.6	66.3	66.0	65.7	65.4	65.1	64.8	64.5	64.2
Outer Arm Length	0	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2

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FEMALE : Height : >=148 cm to <156 cm Body Type: F

Dimension Name	Grade Rule (cm)	BG85	BG89	BG93	BG97	BG101	BG105	BG109	BG113	BG117
Stature	0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0
GIRTH MEASUREMENTS										
Neck Girth	0.6	32.1	32.7	33.3	33.9	34.5	35.1	35.7	36.3	36.9
Neck Base Girth	0.6	35.2	35.8	36.4	37.0	37.6	38.2	38.8	39.4	40.0
Bust Girth	4	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0	117.0
Waist Girth	4 for Bust Girth 77 and smaller	72.0	77.0	82.0	86.0	91.0	95.0	99.0	103.0	107.0
Under Bust Girth	5 for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93	69.2	74.2	79.2	83.2	88.2	92.2	96.2	100.2	104.2
Upper Hip Girth	5 for Bust Girth 97 and 4 for Bust Girth 101	76.3	81.3	86.3	90.3	95.3	99.3	103.3	107.3	111.3
Top Hip Girth	and bigger	80.3	85.3	90.3	94.3	99.3	103.3	107.3	111.3	115.3
Hip Girth	4	83.1	87.1	91.1	95.1	99.1	103.1	107.1	111.1	115.1
Thigh Girth	2.2	49.7	51.9	54.1	56.3	58.5	60.7	62.9	65.1	67.3
Mid Thigh Girth	1.8	39.1	40.9	42.7	44.5	46.3	48.1	49.9	51.7	53.5
Knee Girth	1.2	32.2	33.4	34.6	35.8	37.0	38.2	39.4	40.6	41.8
Calf Girth	1.2	30.5	31.7	32.9	34.1	35.3	36.5	37.7	38.9	40.1
Ankle Girth	0.4	21.7	22.1	22.5	22.9	23.3	23.7	24.1	24.5	24.9
Upper Arm Girth	1.5	25.1	26.6	28.1	29.6	31.1	32.6	34.1	35.6	37.1
Elbow Girth	0.7	22.1	22.8	23.5	24.2	24.9	25.6	26.3	27.0	27.7
Wrist Girth	0.4	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4
DEPTH/LENGTH MEASUREMENTS										
Scye Depth Length from Nape	0.7	17.7	18.4	19.1	19.8	20.5	21.2	21.9	22.6	23.3
Centre Back Length	0.4	35.2	35.6	36.0	36.4	36.8	37.2	37.6	38.0	38.4
Front Full Length (HSP to Waist)	0.6	40.1	40.7	41.3	41.9	42.5	43.1	43.7	44.3	44.9
Bust Depth from HSP	0.8	24.6	25.4	26.2	27.0	27.8	28.6	29.4	30.2	31.0
Side Seam Length	-0.3	17.8	17.5	17.2	16.9	16.6	16.3	16.0	15.7	15.4
Across Chest Level from HSP	0.5	15.9	16.4	16.9	17.4	17.9	18.4	18.9	19.4	19.9
Shoulder Drop	0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Top Hip Depth from Waist	0	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Hip Depth from Waist	0	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
Crotch Level/Vertical Rise	0.3	26.1	26.4	26.7	27.0	27.3	27.6	27.9	28.2	28.5
Outside Leg Length	0	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
Inside Leg Length	-0.3	69.3	69.0	68.7	68.4	68.1	67.8	67.5	67.2	66.9
Inside Leg Length Slanted	-0.3	70.8	70.5	70.2	69.9	69.6	69.3	69.0	68.7	68.4

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FEMALE : Height : >=148 cm to <156 cm Body Type: S

Dimension Name	Grade Rule (cm)	BG77	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109	BG113
Stature	0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0
GIRTH MEASUREMENTS											
Neck Girth	0.6	30.4	31.0	31.6	32.2	32.8	33.4	34.0	34.6	35.2	35.8
Neck Base Girth	0.6	34.0	34.6	35.2	35.8	36.4	37.0	37.6	38.2	38.8	39.4
Bust Girth	4	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4 for Bust Girth 77 and smaller 5 for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93 5 for Bust Girth 97 and 4 for Bust Girth 101 and bigger	63.5	67.5	72.5	77.5	82.5	86.5	91.5	95.5	99.5	103.5
Under Bust Girth		60.8	64.8	69.8	74.8	79.8	83.8	88.8	92.8	96.8	100.8
Upper Hip Girth		68.6	72.6	77.6	82.6	87.6	91.6	96.6	100.6	104.6	108.6
Top Hip Girth		73.3	77.3	82.3	87.3	92.3	96.3	101.3	105.3	109.3	113.3
Hip Girth	4	79.2	83.2	87.2	91.2	95.2	99.2	103.2	107.2	111.2	115.2
Thigh Girth	2.2	47.4	49.6	51.8	54.0	56.2	58.4	60.6	62.8	65.0	67.2
Mid Thigh Girth	1.8	37.1	38.9	40.7	42.5	44.3	46.1	47.9	49.7	51.5	53.3
Knee Girth	1.2	30.8	32.0	33.2	34.4	35.6	36.8	38.0	39.2	40.4	41.6
Calf Girth	1.2	29.1	30.3	31.5	32.7	33.9	35.1	36.3	37.5	38.7	39.9
Ankle Girth	0.4	21.2	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8
Upper Arm Girth	1.5	22.7	24.2	25.7	27.2	28.7	30.2	31.7	33.2	34.7	36.2
Elbow Girth	0.7	20.7	21.4	22.1	22.8	23.5	24.2	24.9	25.6	26.3	27.0
Wrist Girth	0.4	13.6	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2
DEPTH/LENGTH MEASUREMENTS											
Scye Depth Length from Nape	0.7	16.8	17.5	18.2	18.9	19.6	20.3	21.0	21.7	22.4	23.1
Centre Back Length	0.4	34.7	35.1	35.5	35.9	36.3	36.7	37.1	37.5	37.9	38.3
Front Full Length (HSP to Waist)	0.6	38.9	39.5	40.1	40.7	41.3	41.9	42.5	43.1	43.7	44.3
Bust Depth from HSP	0.8	22.8	23.6	24.4	25.2	26.0	26.8	27.6	28.4	29.2	30.0
Side Seam Length	-0.3	18.0	17.7	17.4	17.1	16.8	16.5	16.2	15.9	15.6	15.3
Across Chest Level from HSP	0.5	15.2	15.7	16.2	16.7	17.2	17.7	18.2	18.7	19.2	19.7
Shoulder Drop	0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Top Hip Depth from Waist	0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
Hip Depth from Waist	0	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
Crotch Level/Vertical Rise	0.3	26.6	26.9	27.2	27.5	27.8	28.1	28.4	28.7	29.0	29.3
Outside Leg Length	0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
Inside Leg Length	-0.3	69.4	69.1	68.8	68.5	68.2	67.9	67.6	67.3	67.0	66.7
Inside Leg Length Slanted	-0.3	70.8	70.5	70.2	69.9	69.6	69.3	69.0	68.7	68.4	68.1

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FEMALE : Height : >=148 cm to <156 cm Body Type: R

Dimension Name	Grade Rule (cm)	BG73	BG77	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109
Stature	0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0
GIRTH MEASUREMENTS											
Neck Girth	0.6	30.1	30.7	31.3	31.9	32.5	33.1	33.7	34.3	34.9	35.5
Neck Base Girth	0.6	33.7	34.3	34.9	35.5	36.1	36.7	37.3	37.9	38.5	39.1
Bust Girth	4	73.0	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0
Waist Girth	4 for Bust Girth 77 and smaller 5 for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93 5 for Bust Girth 97 and 4 for Bust Girth 101 and bigger	60.4	64.4	68.4	73.4	78.4	83.4	87.4	92.4	96.4	100.4
Under Bust Girth		57.4	61.4	65.4	70.4	75.4	80.4	84.4	89.4	93.4	97.4
Upper Hip Girth		66.3	70.3	74.3	79.3	84.3	89.3	93.3	98.3	102.3	106.3
Top Hip Girth		71.4	75.4	79.4	84.4	89.4	94.4	98.4	103.4	107.4	111.4
Hip Girth	4	78.6	82.6	86.6	90.6	94.6	98.6	102.6	106.6	110.6	114.6
Thigh Girth	2.2	47.7	49.9	52.1	54.3	56.5	58.7	60.9	63.1	65.3	67.5
Mid Thigh Girth	1.8	37.6	39.4	41.2	43.0	44.8	46.6	48.4	50.2	52.0	53.8
Knee Girth	1.2	30.9	32.1	33.3	34.5	35.7	36.9	38.1	39.3	40.5	41.7
Calf Girth	1.2	29.1	30.3	31.5	32.7	33.9	35.1	36.3	37.5	38.7	39.9
Ankle Girth	0.4	21.3	21.7	22.1	22.5	22.9	23.3	23.7	24.1	24.5	24.9
Upper Arm Girth	1.5	22.2	23.7	25.2	26.7	28.2	29.7	31.2	32.7	34.2	35.7
Elbow Girth	0.7	20.6	21.3	22.0	22.7	23.4	24.1	24.8	25.5	26.2	26.9
Wrist Girth	0.4	13.4	13.8	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0
DEPTH/LENGTH MEASUREMENTS											
Scye Depth Length from Nape	0.7	16.4	17.1	17.8	18.5	19.2	19.9	20.6	21.3	22.0	22.7
Centre Back Length	0.4	34.3	34.7	35.1	35.5	35.9	36.3	36.7	37.1	37.5	37.9
Front Full Length (HSP to Waist)	0.6	38.5	39.1	39.7	40.3	40.9	41.5	42.1	42.7	43.3	43.9
Bust Depth from HSP	0.8	22.1	22.9	23.7	24.5	25.3	26.1	26.9	27.7	28.5	29.3
Side Seam Length	-0.3	18.1	17.8	17.5	17.2	16.9	16.6	16.3	16.0	15.7	15.4
Across Chest Level from HSP	0.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5
Shoulder Drop	0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Top Hip Depth from Waist	0	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9
Hip Depth from Waist	0	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
Crotch Level/Vertical Rise	0.3	26.8	27.1	27.4	27.7	28.0	28.3	28.6	28.9	29.2	29.5
Outside Leg Length	0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
Inside Leg Length	-0.3	69.5	69.2	68.9	68.6	68.3	68.0	67.7	67.4	67.1	66.8
Inside Leg Length Slanted	-0.3	70.9	70.6	70.3	70.0	69.7	69.4	69.1	68.8	68.5	68.2

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FEMALE : Height : >=148 cm to <156 cm Body Type: A

Dimension Name	Grade Rule (cm)	BG73	BG77	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109	BG113
Stature	0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0
GIRTH MEASUREMENTS												
Neck Girth	0.6	29.7	30.3	30.9	31.5	32.1	32.7	33.3	33.9	34.5	35.1	35.7
Neck Base Girth	0.6	33.8	34.4	35.0	35.6	36.2	36.8	37.4	38.0	38.6	39.2	39.8
Bust Girth	4	73.0	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4for Bust Girth 77 and smaller 5for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93 5for Bust Girth 97 and 4 for Bust Girth 101 and bigger	61.7	65.7	69.7	74.7	79.7	84.7	88.7	93.7	97.7	101.7	105.7
Under Bust Girth		59.3	63.3	67.3	72.3	77.3	82.3	86.3	91.3	95.3	99.3	103.3
Upper Hip Girth		68.4	72.4	76.4	81.4	86.4	91.4	95.4	100.4	104.4	108.4	112.4
Top Hip Girth		74.4	78.4	82.4	87.4	92.4	97.4	101.4	106.4	110.4	114.4	118.4
Hip Girth	4	82.9	86.9	90.9	94.9	98.9	102.9	106.9	110.9	114.9	118.9	122.9
Thigh Girth	2.2	49.6	51.8	54.0	56.2	58.4	60.6	62.8	65.0	67.2	69.4	71.6
Mid Thigh Girth	1.8	38.6	40.4	42.2	44.0	45.8	47.6	49.4	51.2	53.0	54.8	56.6
Knee Girth	1.2	31.7	32.9	34.1	35.3	36.5	37.7	38.9	40.1	41.3	42.5	43.7
Calf Girth	1.2	30.1	31.3	32.5	33.7	34.9	36.1	37.3	38.5	39.7	40.9	42.1
Ankle Girth	0.4	21.8	22.2	22.6	23.0	23.4	23.8	24.2	24.6	25.0	25.4	25.8
Upper Arm Girth	1.5	22.7	24.2	25.7	27.2	28.7	30.2	31.7	33.2	34.7	36.2	37.7
Elbow Girth	0.7	21.0	21.7	22.4	23.1	23.8	24.5	25.2	25.9	26.6	27.3	28.0
Wrist Girth	0.4	13.7	14.1	14.5	14.9	15.3	15.7	16.1	16.5	16.9	17.3	17.7
DEPTH/LENGTH MEASUREMENTS												
Scye Depth Length from Nape	0.7	16.6	17.3	18.0	18.7	19.4	20.1	20.8	21.5	22.2	22.9	23.6
Centre Back Length	0.4	34.8	35.2	35.6	36.0	36.4	36.8	37.2	37.6	38.0	38.4	38.8
Front Full Length (HSP to Waist)	0.6	38.4	39.0	39.6	40.2	40.8	41.4	42.0	42.6	43.2	43.8	44.4
Bust Depth from HSP	0.8	22.1	22.9	23.7	24.5	25.3	26.1	26.9	27.7	28.5	29.3	30.1
Side Seam Length	-0.3	18.3	18.0	17.7	17.4	17.1	16.8	16.5	16.2	15.9	15.6	15.3
Across Chest Level from HSP	0.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0
Shoulder Drop	0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Top Hip Depth from Waist	0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
Hip Depth from Waist	0	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
Crotch Level/Vertical Rise	0.3	27.5	27.8	28.1	28.4	28.7	29.0	29.3	29.6	29.9	30.2	30.5
Outside Leg Length	0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
Inside Leg Length	-0.3	69.0	68.7	68.4	68.1	67.8	67.5	67.2	66.9	66.6	66.3	66.0
Inside Leg Length Slanted	-0.3	70.5	70.2	69.9	69.6	69.3	69.0	68.7	68.4	68.1	67.8	67.5

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FEMALE : Height : >=148 cm to <156 cm Body Type : B

Dimension Name	Grade Rule (cm)	BG73	BG77	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109
Stature	0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0	152.0
GIRTH MEASUREMENTS											
Neck Girth	0.6	30.6	31.2	31.8	32.4	33.0	33.6	34.2	34.8	35.4	36.0
Neck Base Girth	0.6	34.0	34.6	35.2	35.8	36.4	37.0	37.6	38.2	38.8	39.4
Bust Girth	4	73.0	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0
Waist Girth	4 for Bust Girth 77 and smaller 5 for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93 5 for Bust Girth 97 and 4 for Bust Girth 101 and bigger	63.0	67.0	71.0	76.0	81.0	86.0	90.0	95.0	99.0	103.0
Under Bust Girth		59.1	63.1	67.1	72.1	77.1	82.1	86.1	91.1	95.1	99.1
Upper Hip Girth		70.9	74.9	78.9	83.9	88.9	93.9	97.9	102.9	106.9	110.9
Top Hip Girth		77.0	81.0	85.0	90.0	95.0	100.0	104.0	109.0	113.0	117.0
Hip Girth	4	86.5	90.5	94.5	98.5	102.5	106.5	110.5	114.5	118.5	122.5
Thigh Girth	2.2	52.1	54.3	56.5	58.7	60.9	63.1	65.3	67.5	69.7	71.9
Mid Thigh Girth	1.8	41.7	43.5	45.3	47.1	48.9	50.7	52.5	54.3	56.1	57.9
Knee Girth	1.2	33.4	34.6	35.8	37.0	38.2	39.4	40.6	41.8	43.0	44.2
Calf Girth	1.2	31.1	32.3	33.5	34.7	35.9	37.1	38.3	39.5	40.7	41.9
Ankle Girth	0.4	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6
Upper Arm Girth	1.5	24.1	25.6	27.1	28.6	30.1	31.6	33.1	34.6	36.1	37.6
Elbow Girth	0.7	21.3	22.0	22.7	23.4	24.1	24.8	25.5	26.2	26.9	27.6
Wrist Girth	0.4	13.8	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4
DEPTH/LENGTH MEASUREMENTS											
Scye Depth Length from Nape	0.7	17.2	17.9	18.6	19.3	20.0	20.7	21.4	22.1	22.8	23.5
Centre Back Length	0.4	35.2	35.6	36.0	36.4	36.8	37.2	37.6	38.0	38.4	38.8
Front Full Length (HSP to Waist)	0.6	38.5	39.1	39.7	40.3	40.9	41.5	42.1	42.7	43.3	43.9
Bust Depth from HSP	0.8	22.1	22.9	23.7	24.5	25.3	26.1	26.9	27.7	28.5	29.3
Side Seam Length	-0.3	18.0	17.7	17.4	17.1	16.8	16.5	16.2	15.9	15.6	15.3
Across Chest Level from HSP	0.5	15.7	16.2	16.7	17.2	17.7	18.2	18.7	19.2	19.7	20.2
Shoulder Drop	0	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4	5.4
Top Hip Depth from Waist	0	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
Hip Depth from Waist	0	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
Crotch Level/Vertical Rise	0.3	26.7	27.0	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4
Outside Leg Length	0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
Inside Leg Length	-0.3	68.7	68.4	68.1	67.8	67.5	67.2	66.9	66.6	66.3	66.0
Inside Leg Length Slanted	-0.3	70.2	69.9	69.6	69.3	69.0	68.7	68.4	68.1	67.8	67.5

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FEMALE : Height : >=156 cm to <164 cm Body Type: F

Dimension Name	Grade Rule (cm)	BG93	BG97	BG101	BG105	BG109	BG113
Stature	0	160.0	160.0	160.0	160.0	160.0	160.0
GIRTH MEASUREMENTS							
Neck Girth	0.6	33.8	34.4	35.0	35.6	36.2	36.8
Neck Base Girth	0.6	37.1	37.7	38.3	38.9	39.5	40.1
Bust Girth	4	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4 for Bust Girth 77 and smaller 5 for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93 5 for Bust Girth 97 and 4 for Bust Girth 101 and bigger	81.5	85.5	90.5	94.5	98.5	102.5
Under Bust Girth		78.8	82.8	87.8	91.8	95.8	99.8
Upper Hip Girth		86.0	90.0	95.0	99.0	103.0	107.0
Top Hip Girth		89.9	93.9	98.9	102.9	106.9	110.9
Hip Girth	4	91.0	95.0	99.0	103.0	107.0	111.0
Thigh Girth	2.2	54.3	56.5	58.7	60.9	63.1	65.3
Mid Thigh Girth	1.8	43.0	44.8	46.6	48.4	50.2	52.0
Knee Girth	1.2	35.1	36.3	37.5	38.7	39.9	41.1
Calf Girth	1.2	33.2	34.4	35.6	36.8	38.0	39.2
Ankle Girth	0.4	23.5	23.9	24.3	24.7	25.1	25.5
Upper Arm Girth	1.5	27.8	29.3	30.8	32.3	33.8	35.3
Elbow Girth	0.7	23.7	24.4	25.1	25.8	26.5	27.2
Wrist Girth	0.4	15.3	15.7	16.1	16.5	16.9	17.3
DEPTH/LENGTH MEASUREMENTS							
Scye Depth Length	0.7	20.0	20.7	21.4	22.1	22.8	23.5
Centre Back Length	0.4	37.3	37.7	38.1	38.5	38.9	39.3
Front Full Length (HSP to Waist)	0.6	43.1	43.7	44.3	44.9	45.5	46.1
Bust Depth from HSP	0.8	25.8	26.6	27.4	28.2	29.0	29.8
Side Seam Length	-0.3	17.1	16.8	16.5	16.2	15.9	15.6
Across Chest Level from HSP	0.5	17.1	17.6	18.1	18.6	19.1	19.6
Shoulder Drop	0	5.9	5.9	5.9	5.9	5.9	5.9
Top Hip Depth from Waist	0	9.6	9.6	9.6	9.6	9.6	9.6
Hip Depth from Waist	0	19.2	19.2	19.2	19.2	19.2	19.2
Crotch Level/Vertical Rise	0.3	28.7	29.0	29.3	29.6	29.9	30.2
Outside Leg Length	0	101.2	101.2	101.2	101.2	101.2	101.2
Inside Leg Length	-0.3	72.3	72.0	71.7	71.4	71.1	70.8
Inside Leg Length Slanted	-0.3	73.6	73.3	73.0	72.7	72.4	72.1

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Dimension Name	Grade Rule (cm)	BG93	BG97	BG101	BG105	BG109	BG113
Under Arm Length	-0.4	41.7	41.3	40.9	40.5	40.1	39.7
Upper Arm Length	0	31.0	31.0	31.0	31.0	31.0	31.0
Lower Arm Length	0	23.3	23.3	23.3	23.3	23.3	23.3
Bust Point Width	0.8	19.7	20.5	21.3	22.1	22.9	23.7
SEGMENTLENGTHS							
Across Back Shoulder	0.8	38.3	39.1	39.9	40.7	41.5	42.3
Across ChestWidth	0.8	31.4	32.2	33.0	33.8	34.6	35.4
ARC MEASUREMENTS							
Front Bust Arc	2	50.8	52.8	54.8	56.8	58.8	60.8
Back Bust Arc	2	42.2	44.2	46.2	48.2	50.2	52.2
Front Waist Arc	2 for Bust Girth 77 and smaller 2.5 for Bust Girth 81 to Bust Girth 89 2 for Bust Girth 93 2.5 for Bust Girth 97 and 2 for Bust Girth 101 and bigger	43.0	45.0	47.5	49.5	51.5	53.5
Back Waist Arc		38.4	40.4	42.9	44.9	46.9	48.9
Front Hip Arc	2	44.6	46.6	48.6	50.6	52.6	54.6
Back Hip Arc	2	46.4	48.4	50.4	52.4	54.4	56.4
HEIGHTFROMFLOORMEASUREMENTS							
Nape Height	0	137.3	137.3	137.3	137.3	137.3	137.3
Shoulder Height	0	130.6	130.6	130.6	130.6	130.6	130.6
Under Arm Height	0	117.0	117.0	117.0	117.0	117.0	117.0
Bust Height	0	112.7	112.7	112.7	112.7	112.7	112.7
Under Bust Height	0	107.6	107.6	107.6	107.6	107.6	107.6
Waist Height	0	101.0	101.0	101.0	101.0	101.0	101.0
Upper Hip Height	0	96.2	96.2	96.2	96.2	96.2	96.2
Top Hip Height	0	91.4	91.4	91.4	91.4	91.4	91.4
Hip Height	0	81.8	81.8	81.8	81.8	81.8	81.8
Inside Leg Height	0	71.4	71.4	71.4	71.4	71.4	71.4
Knee Height	0	45.4	45.4	45.4	45.4	45.4	45.4
Under Knee Height	0	38.2	38.2	38.2	38.2	38.2	38.2
Calf Height	0	34.4	34.4	34.4	34.4	34.4	34.4

FEMALE : Height : >=156 cm to <164 cm Body Type: S

Dimension Name	Grade Rule (cm)	BG77	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109	BG113	BG117
Stature	0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
GIRTH MEASUREMENTS												
Neck Girth	0.6	31.1	31.7	32.3	32.9	33.5	34.1	34.7	35.3	35.9	36.5	37.1
Neck Base Girth	0.6	34.6	35.2	35.8	36.4	37.0	37.6	38.2	38.8	39.4	40.0	40.6
Bust Girth	4	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0	117.0
Waist Girth	4for Bust Girth 77 and smaller 5 for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93 5for Bust Girth 97 and 4for Bust Girth 101 and bigger	61.8	65.8	70.8	75.8	80.8	84.8	89.8	93.8	97.8	101.8	105.8
Under Bust Girth		58.6	62.6	67.6	72.6	77.6	81.6	86.6	90.6	94.6	98.6	102.6
Upper Hip Girth		67.7	71.7	76.7	81.7	86.7	90.7	95.7	99.7	103.7	107.7	111.7
Top Hip Girth		72.3	76.3	81.3	86.3	91.3	95.3	100.3	104.3	108.3	112.3	116.3
Hip Girth	4	78.9	82.9	86.9	90.9	94.9	98.9	102.9	106.9	110.9	114.9	118.9
Thigh Girth	2.2	48.2	50.4	52.6	54.8	57.0	59.2	61.4	63.6	65.8	68.0	70.2
Mid Thigh Girth	1.8	38.2	40.0	41.8	43.6	45.4	47.2	49.0	50.8	52.6	54.4	56.2
Knee Girth	1.2	31.5	32.7	33.9	35.1	36.3	37.5	38.7	39.9	41.1	42.3	43.5
Calf Girth	1.2	29.5	30.7	31.9	33.1	34.3	35.5	36.7	37.9	39.1	40.3	41.5
Ankle Girth	0.4	21.6	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6
Upper Arm Girth	1.5	22.4	23.9	25.4	26.9	28.4	29.9	31.4	32.9	34.4	35.9	37.4
Elbow Girth	0.7	20.9	21.6	22.3	23.0	23.7	24.4	25.1	25.8	26.5	27.2	27.9
Wrist Girth	0.4	13.6	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6
DEPTH/LENGTH MEASUREMENTS												
Scye Depth Length	0.7	17.1	17.8	18.5	19.2	19.9	20.6	21.3	22.0	22.7	23.4	24.1
Centre Back Length	0.4	35.7	36.1	36.5	36.9	37.3	37.7	38.1	38.5	38.9	39.3	39.7
Front Full Length (HSP to Waist)	0.6	40.5	41.1	41.7	42.3	42.9	43.5	44.1	44.7	45.3	45.9	46.5
Bust Depthfrom HSP	0.8	23.0	23.8	24.6	25.4	26.2	27.0	27.8	28.6	29.4	30.2	31.0
Side Seam Length	-0.3	18.8	18.5	18.2	17.9	17.6	17.3	17.0	16.7	16.4	16.1	15.8
Across Chest Level from HSP	0.5	15.3	15.8	16.3	16.8	17.3	17.8	18.3	18.8	19.3	19.8	20.3
Shoulder Drop	0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Top Hip Depthfrom Waist	0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
Hip Depth from Waist	0	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
Crotch Level/Vertial Rise	0.3	27.0	27.3	27.6	27.9	28.2	28.5	28.8	29.1	29.4	29.7	30.0
Outside Leg Length	0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0	101.0
Inside Leg Length	-0.3	73.3	73.0	72.7	72.4	72.1	71.8	71.5	71.2	70.9	70.6	70.3
Inside Leg Length Slanted	-0.3	74.7	74.4	74.1	73.8	73.5	73.2	72.9	72.6	72.3	72.0	71.7

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FEMALE : Height : >=156 cm to <164cm Body Type: R

Dimension Name	Grade Rule (cm)	BG77	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109	BG113
Stature	0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
GIRTH MEASUREMENTS											
Neck Girth	0.6	30.1	30.7	31.3	31.9	32.5	33.1	33.7	34.3	34.9	35.5
Neck Base Girth	0.6	34.4	35.0	35.6	36.2	36.8	37.4	38.0	38.6	39.2	39.8
Bust Girth	4	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4 for Bust Girth 77 and smaller 5 for Bust Girth 81 to 93 4 for Bust Girth 93 and 97 5 for Bust Girth 97 and 101 4 for Bust Girth 101 and bigger	62.6	66.6	71.6	76.6	81.6	85.6	90.6	94.6	98.6	102.6
Under Bust Girth		60.0	64.0	69.0	74.0	79.0	83.0	88.0	92.0	96.0	100.0
Upper Hip Girth		68.8	72.8	77.8	82.8	87.8	91.8	96.8	100.8	104.8	108.8
Top Hip Girth		74.4	78.4	83.4	88.4	93.4	97.4	102.4	106.4	110.4	114.4
Hip Girth	4	83.0	87.0	91.0	95.0	99.0	103.0	107.0	111.0	115.0	119.0
Thigh Girth	2.2	50.0	52.2	54.4	56.6	58.8	61.0	63.2	65.4	67.6	69.8
Mid Thigh Girth	1.8	39.2	41.0	42.8	44.6	46.4	48.2	50.0	51.8	53.6	55.4
Knee Girth	1.2	32.2	33.4	34.6	35.8	37.0	38.2	39.4	40.6	41.8	43.0
Calf Girth	1.2	30.5	31.7	32.9	34.1	35.3	36.5	37.7	38.9	40.1	41.3
Ankle Girth	0.4	22.0	22.4	22.8	23.2	23.6	24.0	24.4	24.8	25.2	25.6
Upper Arm Girth	1.5	22.9	24.4	25.9	27.4	28.9	30.4	31.9	33.4	34.9	36.4
Elbow Girth	0.7	21.2	21.9	22.6	23.3	24.0	24.7	25.4	26.1	26.8	27.5
Wrist Girth	0.4	14.0	14.4	14.8	15.2	15.6	16.0	16.4	16.8	17.2	17.6
DEPTH/LENGTH MEASUREMENTS											
Scye Depth Length from Nape	0.7	17.4	18.1	18.8	19.5	20.2	20.9	21.6	22.3	23.0	23.7
Centre Back Length	0.4	35.6	36.0	36.4	36.8	37.2	37.6	38.0	38.4	38.8	39.2
Front Full Length (HSP to Waist)	0.6	40.7	41.3	41.9	42.5	43.1	43.7	44.3	44.9	45.5	46.1
Bust Depth from HSP	0.8	22.8	23.6	24.4	25.2	26.0	26.8	27.6	28.4	29.2	30.0
Side Seam Length	-0.3	18.4	18.1	17.8	17.5	17.2	16.9	16.6	16.3	16.0	15.7
Across Chest Level from HSP	0.5	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0
Shoulder Drop	0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
Top Hip Depth from Waist	0	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
Hip Depth from Waist	0	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
Crotch Level/Vertical Rise	0.3	28.7	29.0	29.3	29.6	29.9	30.2	30.5	30.8	31.1	31.4
Outside Leg Length	0	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8	102.8
Inside Leg Length	-0.3	73.4	73.1	72.8	72.5	72.2	71.9	71.6	71.3	71.0	70.7
Inside Leg Length Slanted	-0.3	74.7	74.4	74.1	73.8	73.5	73.2	72.9	72.6	72.3	72.0

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FEMALE : Height : >=156 cm to <164 cm Body Type: A

Dimension Name	Grade Rule (cm)	BG73	BG77	BG81	BG85	BG89	BG93	BG97	BG101	BG105	BG109	BG113
Stature	0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0	160.0
GIRTH MEASUREMENTS												
Neck Girth	0.6	29.4	30.0	30.6	31.2	31.8	32.4	33.0	33.6	34.2	34.8	35.4
Neck Base Girth	0.6	34.0	34.6	35.2	35.8	36.4	37.0	37.6	38.2	38.8	39.4	40.0
Bust Girth	4	73.0	77.0	81.0	85.0	89.0	93.0	97.0	101.0	105.0	109.0	113.0
Waist Girth	4for Bust Girth 77 and smaller 5 for Bust Girth 81 to Bust Girth 89 4 for Bust Girth 93 5for BustGirth97 and 4for Bust Girth 101 and bigger	60.3	64.3	68.3	73.3	78.3	83.3	87.3	92.3	96.3	100.3	104.3
Under Bust Girth		57.5	61.5	65.5	70.5	75.5	80.5	84.5	89.5	93.5	97.5	101.5
Upper Hip Girth		66.7	70.7	74.7	79.7	84.7	89.7	93.7	98.7	102.7	106.7	110.7
Top Hip Girth		73.1	77.1	81.1	86.1	91.1	96.1	100.1	105.1	109.1	113.1	117.1
Hip Girth	4	82.9	86.9	90.9	94.9	98.9	102.9	106.9	110.9	114.9	118.9	122.9
Thigh Girth	2.2	50.0	52.2	54.4	56.6	58.8	61.0	63.2	65.4	67.6	69.8	72.0
Mid Thigh Girth	1.8	39.3	41.1	42.9	44.7	46.5	48.3	50.1	51.9	53.7	55.5	57.3
Knee Girth	1.2	32.3	33.5	34.7	35.9	37.1	38.3	39.5	40.7	41.9	43.1	44.3
Calf Girth	1.2	30.5	31.7	32.9	34.1	35.3	36.5	37.7	38.9	40.1	41.3	42.5
Ankle Girth	0.4	22.1	22.5	22.9	23.3	23.7	24.1	24.5	24.9	25.3	25.7	26.1
Upper Arm Girth	1.5	22.3	23.8	25.3	26.8	28.3	29.8	31.3	32.8	34.3	35.8	37.3
Elbow Girth	0.7	20.8	21.5	22.2	22.9	23.6	24.3	25.0	25.7	26.4	27.1	27.8
Wrist Girth	0.4	13.8	14.2	14.6	15.0	15.4	15.8	16.2	16.6	17.0	17.4	17.8
DEPTH/LENGTH MEASUREMENTS												
Scye Depth Length	0.7	16.5	17.2	17.9	18.6	19.3	20.0	20.7	21.4	22.1	22.8	23.5
Centre Back Length	0.4	35.2	35.6	36.0	36.4	36.8	37.2	37.6	38.0	38.4	38.8	39.2
Front Full Length (HSP to Waist)	0.6	39.8	40.4	41.0	41.6	42.2	42.8	43.4	44.0	44.6	45.2	45.8
Bust Depthfrom HSP	0.8	21.6	22.4	23.2	24.0	24.8	25.6	26.4	27.2	28.0	28.8	29.6
Side Seam Length	-0.3	18.7	18.4	18.1	17.8	17.5	17.2	16.9	16.6	16.3	16.0	15.7
Across Chest Level from HSP	0.5	15.1	15.6	16.1	16.6	17.1	17.6	18.1	18.6	19.1	19.6	20.1
Shoulder Drop	0	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
TopHipDepthfromWaist	0	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
HipDepth from Waist	0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
Crotch Level/Vertial Rise	0.3	28.5	28.8	29.1	29.4	29.7	30.0	30.3	30.6	30.9	31.2	31.5
Outside Leg Length	0	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4	102.4
Inside Leg Length	-0.3	73.1	72.8	72.5	72.2	71.9	71.6	71.3	71.0	70.7	70.4	70.1
Inside Leg Length Slanted	-0.3	74.5	74.2	73.9	73.6	73.3	73.0	72.7	72.4	72.1	71.8	71.5

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