DOCA PULLOVER

by Claudia Q

DESCRIPTION

Doca is a design made especially for Expoteje, Chile's yarn festival. Doca is a flower that grows in the coast of Chile, and it is known for its strength.

EXPERIENCE LEVEL

Intermediate

TECHNIQUES USED

Long-tail cast on
Knitting and purling in the round
Lace knitting
Working cables
Increasing and decreasing
Reading a chart
Working with DPNs (optional)
German Short-Rows
Binding off
Kitchener Stitch or 3 needle bind off

GAUGE

22 sts & 30 rnds = 4" / 10 cm in Stockinette / Stocking stitch on a 4.00 mm (US 6) needle, after blocking.

SIZES

VERSION 1 – PLAIN SLEEVE
XS (S, M, L, XL, 2X, 3X, 4X) To be worn with approx 2–4" / 5–10 cm positive ease.

VERSION 2 – CABLED SLEEVE
1 (2, 3, 4) To be worn with approx 4–10" / 10–25.5 cm positive ease.

MATERIALS

Yardage/meters for any DK weight yarn:

For cabled sleeve version:
1094 (1410, 1735, 2073) yards / 1001 (1290, 1587, 1896) meters

For non-cabled sleeve version:
861 (950, 1094, 1256, 1410, 1559, 1735, 1887) yards / 788 (869, 1001, 1149, 1290, 1426, 1587, 1726) meters

Needles
3.75 mm (US 5) circular needle 16" / 40 cm (optional), 32" / 80 cm (or longer for larger sizes), and a set of Double Pointed Needles (DPNs)
4.00 mm (US 6) circular needle 16" / 40 cm (optional), 32" / 80 cm (or longer for larger sizes), and a set of Double Pointed Needles (DPNs)
or needle size required to obtain correct gauge.

Notions
Stitch markers, waste yarn or stitch holders, cable needle, tapestry needle

FINISHED MEASUREMENTS

VERSION 1 – PLAIN SLEEVE
Bust Circumference: 32 (36, 40, 44, 48, 52, 56, 60)" / 81 (91.5, 101.5, 112, 122, 132, 142, 152.5) cm
Body Length to Underarm (at centre front): 11 (11½, 12, 13, 13½, 14, 14½, 15)" / 28 (29, 30.5, 33, 34, 35.5, 37, 38) cm
Sleeve length to Underarm: 16½ (16½, 17, 17, 17½, 17½, 18, 18)" / 42 (42, 43, 43, 44.5, 44.5, 45.5, 45.5) cm
Upper Arm: 11 (11½, 12½, 14, 15, 16½, 18, 19½)" / 28 (29, 32, 35.5, 38, 42, 45.5, 49.5) cm
Yoke Depth (front to neckband): 7½ (7½, 8, 8½, 9, 9, 9½, 9½)" / 19 (19, 20.5, 21.5, 23, 23, 24, 24) cm

VERSION 2 – CABLED SLEEVE
Bust Circumference: 40 (48, 56, 64)" / 101.5 (122, 142, 162.5) cm
Body Length to Underarm (at centre front): 12 (13½, 14½, 15½)" / 30.5 (34, 37, 39.5) cm
Sleeve length to Underarm: 17 (17½, 18, 18½)" / 43 (44.5, 45.5, 47) cm
Upper Arm: 12½ (15, 18, 20)" / 32 (38, 45.5, 51) cm
Yoke Depth (front to neckband): 8 (9, 9½, 10)" / 20.5 (23, 24, 25.5) cm

STITCH GUIDE

Make double stitch (German Short-rows)
Slip the first stitch on the left needle purl-wise and pull the working yarn **over top of** the right needle tightly to create a double stitch. This is really the two legs of the stitch in the row below. Reposition the yarn as needed for the next stitch: to the front for a purl stitch, to the back for a knit stitch. Work the next few sts tighter than usual. Later, when working the double stitch, work it as a single stitch (like a k2tog). This is the key feature of the German Short Row.

M1L (make 1 stitch left leaning)
Insert left needle, from front to back, under strand of yarn which runs between next st on left needle and last st on right needle; knit this st through back loop (1 st increased)

M1R (make 1 stitch right leaning)
Insert left needle, from back to front, under strand of yarn which runs between next at on left needle and last st on right needle; knit this st through front loop (1 st increased)

Ssk (Slip, slip, knit - single decrease)
Slip two stitches knit-wise one at a time from left needle to right needle. Insert point of left needle into front of two slipped stitches and knit them together with right needle (1 st decreased)

SSSK (Slip, slip, slip, knit - double decrease)
Slip three stitches knit-wise one at a time from left needle to right needle. Insert point of left needle into front of three slipped stitches and knit them together with right needle (2 sts decreased)

Ssp (Slip, slip, purl - single decrease)
Slip two stitches knit-wise one at a time from left needle to right needle. Slip these stitches back to the left needle without twisting them. Insert point of right needle into the two stitches through the back of the loops and purl them together (1 st decreased)

S2KP2 (Slip 2, knit 1, pass 2 over - double decrease)
Slip 2 sts together at same time knit-wise, knit next st, pass 2 slipped stitches over knit st (2 sts decreased)

2/2 LC
Slip next 2 sts to cn and hold in front of work. K2, then k2 from cn.

Kitchener Stitch (Grafting)
Check out youtube.com by searching "kitchener stitch"

ABBREVIATIONS

approx approximately
BOR beginning of round
cn cable needle
Dec(d) decrease(d)
DPNs double pointed needles
Inc(d) increase(d)
k(K) knit
knit-wise insert needle into stitch as if to knit it
k2tog knit 2 stitches together (decrease)
k3tog knit 3 stitches together (double decrease)
M1L (see Stitch Guide)
M1R (see Stitch Guide)
p(P) purl
p2tog purl 2 stitches together (decrease)
patt pattern
PM place marker
purl-wise insert needle into stitch as if to purl it

rep repeat
rnd(s) round(s)
RS right side of fabric
sl slip
SM slip marker
st(s) stitch(es)
St st Stockinette/stocking stitch
Ssk (see Stitch Guide)
Ssp (see Stitch Guide)
SSSK (see Stitch Guide)
S2KP2 (see Stitch Guide)
tog together
WS wrong side of fabric
yo yarn over (increase)
* repeat instructions from the asterisk as directed
[ ] repeat instructions in brackets as directed

PATTERN BEGINS
VERSION 1 – PLAIN SLEEVE
Sleeves (make 2)
Using 3.75 mm (US 5) DPNs, cast on 40 (44, 44, 48, 52, 56, 56, 60) sts using the long-tail cast on method, or your preferred method of knitting small circumferences (DPNs, short circular needles, or Magic-Loop). Join in round making sure that sts are not twisted around needle. PM for BOR.

Rnd 1: [K2, p2] to end.
Rep rnd 1 until work measures 2½" / 6.5 cm from cast on edge) and inc 2 (0, 0, 0, 0, 0, 0, 0) sts evenly spaced across last rnd, using an M1L. — 42 (44, 44, 48, 52, 56, 56, 60) sts

Change to 4.00 mm DPNs (or needle in preferred style for working small circumferences), and work as follows:
Knit 1 (5, 7, 7, 9, 5, 5, 3) rnds.

Sleeve Increases
Inc Rnd: K1, M1L, knit to 1 st before BOR marker, M1R, k1. — 2 sts inc'd.

Rep inc rnd every 12th (10th, 8th, 6th, 6th, 6th, 4th, 4th) rnd 8 (9, 9, 10, 10, 14, 12, 16) more times, then every - (–, 10th, 8th, 8th, 8th, 6th, 6th) rnd – (–, 2, 4, 4, 2, 9, 7) more times. — 60 (64, 68, 78, 82, 90, 100, 108) sts

Continue in St st in the rnd until sleeve measures 16½ (16½, 17, 17, 17½, 17½, 18, 18)" / 42 (42, 43, 43, 44.5, 44.5, 45.5, 45.5) cm from cast on edge, or desired length to underarm.

Next Rnd: Knit, ending 5 (5, 6, 6, 6, 7, 7, 8) sts before BOR marker.
Place next 10 (10, 12, 12, 12, 14, 14, 16) sts on waste yarn or st holder for underarm, removing marker. Break yarn. — 50 (54, 56, 66, 70, 76, 86, 92) sts

Set aside first sleeve, placing remaining 50 (54, 56, 66, 70, 76, 86, 92) sts on waste yarn or spare needle.

Work second sleeve as first.

Body
Using 3.75 mm (US 5) longer circular needle, cast on 176 (196, 220, 240, 264, 284, 308, 328) sts using the long-tail cast on method, or your preferred method of cast on. PM for BOR and join in the rnd, making sure that sts are not twisted around needle.

Rnd 1: [K2, p2] to end.
Rep rnd 1 until work measures 2"/ 5 cm from cast on edge and inc 0 (2, 0, 2, 0, 2, 0, 2) sts evenly spaced across last rnd, using an M1L. — 176 (198, 220, 242, 264, 286, 308, 330) sts

Change to 4.00 mm (US 6) longer circular needle and work as follows:
Next Rnd: K88 (99, 110, 121, 132, 143, 154, 165), PM for side, k to end.

Shape Back Hem
Working back and forth in St st (knit RS rows, purl WS rows), work the following short-rows to add shape to back hem.

Short-Row 1 (RS): Knit to side marker, SM, k12, turn.
Short-Row 2 (WS): Make double st, purl to BOR marker, SM, p12, turn.
Short-Row 3 (RS): Make double st, bring yarn to back, knit to side marker, SM, k6, turn.
Short-Row 4 (WS): Make double st, bring yarn to front, purl to BOR marker, SM, p6, turn.
Short-Row 5 (RS): Make double st, bring yarn to back, knit to side marker, SM, k3, turn.
Short-Row 6 (WS): Make double st, bring yarn to front, purl to BOR marker, SM, p3, turn.
Short-Row 7 (RS): Make double st, bring yarn to back, knit to side marker, SM, k2, turn.
Short-Row 8 (WS): Make double st, bring yarn to front, purl to BOR, SM, p2, turn.
Next Short-Row (RS): Make double st, bring yarn to back, knit to BOR marker.

Next Rnd: Knit, working the double sts as one (like a k2tog). — 176 (198, 220, 242, 264, 286, 308, 330) sts

Work even in St st in the rnd until work measures 11 (11½, 12, 13, 13½, 14, 14½, 15)" / 28 (29, 30.5, 33, 34, 35.5, 37, 38) cm from cast on edge when measured at the front or desired length to underarm, and ending 5 (5, 6, 6, 6, 7, 7, 8) sts before BOR marker.

Join for Yoke

Next Rnd: Knit next 10 (10, 12, 12, 12, 14, 14, 16) sts, then place these sts on waste yarn for right underarm, removing BOR marker. Knit across back sts to 5 (5, 6, 6, 6, 7, 7, 8) sts before the side marker, place next 10 (10, 12, 12, 12, 14, 14, 16) sts on waste yarn for left underarm removing side marker. Transfer sts from one sleeve on to left needle of body and k50 (54, 56, 66, 70, 76, 86, 92) sts for left sleeve, then knit across front sts to end, transfer sts from second sleeve on to left needle of body and k50 (54, 56, 66, 70, 76, 86, 92) sts for right sleeve. PM for BOR. — 256 (286, 308, 350, 380, 410, 452, 482) sts total, with BOR marker placed at back right.

Work 1 rnd even.

Shape Back Yoke

Short-Row 1 (RS): K103 (116, 126, 142, 155, 167, 183, 196), turn.
Short-Row 2 (WS): Make double st, purl to BOR, SM, p25 (27, 28, 33, 35, 38, 43, 47) sts, turn.
Short-Row 3 (RS): Make double st, bring yarn to back, knit to BOR marker, SM, knit to 5 (5, 5, 6, 6, 6, 7, 7) sts before the double st, turn.
Short-Row 4 (WS): Make double st, bring yarn to front, purl to BOR marker, SM, purl to 5 (5, 5, 6, 6, 6, 7, 7) sts before the double st, turn.
Short-Row 5 (RS): Make double st, bring yarn to back, knit to BOR marker, SM, knit to 6 (6, 6, 7, 7, 7, 8, 8) sts before the double st, turn.
Short-Row 6 (WS): Make double st, bring yarn to front, purl to BOR marker, SM, purl to 6 (6, 6, 7, 7, 7, 8, 8) sts before the double st, turn.
Rep short-rows 5 and 6, - (-, -, 1, 1, 1, 2, 2) more times.
Next Short-Row (RS): Make double st, bring yarn to back, knit to BOR marker.

Next Rnd: Knit, working the double sts as one (like a k2tog). — 256 (286, 308, 350, 380, 410, 452, 482) sts

Work 0 (0, 2, 4, 8, 8, 12, 12) rnds even.

Sizes XS, M, XL, 2X & 3X Only

Adjustment Rnd: K14 (-, 5, -, 0, 1, 6, -), [k2tog, k17 (-, 6, -, 4, 5, 4, -)] to last 14 (-, 7, -, 2, 3, 8, -) sts, k2tog, k12 (-, 5, -, 0, 1, 6). — 243 (-, 270, -, 316, 351, 378, -) sts

Sizes S & L Only

Adjustment Rnd: K- (6, -, 5, -, -, -, -), [K2tog, k4, k2tog, k5] to last 7 sts, k2tog, k5. — - (243, -, 297, -, -, -, -) sts

Size 4X Only

Adjustment Rnd: [K2tog, k9] twice, [k2tog, k4] to last 22 sts, [k2tog, k9] twice. — - - (-, -, -, -, -, -, 405) sts

All Sizes Resume
Begin Yoke Pattern (Change to shorter circular needle when necessary)
Begin working yoke pattern from Chart A rep'ing the 27 st rep 9 (9, 10, 11, 12, 13, 14, 14) times around, and working decreases where indicated until 56 rnds of chart are complete. — 99 (99, 110, 121, 132, 143, 154, 165) sts

Sizes XS & S Only

Adjustment Rnd: Knit, inc 1 (5, -, -, -, -, -, -) sts evenly spaced around, using an M1L. — 100 (104, -, -, -, -, -, -) sts

Sizes M, L, XL &2X Only

Adjustment Rnd: Knit, dec - (-, 2, 9, 16, 19, -, -) sts evenly spaced around. —- (-, 108, 112, 116, 124, -, -) sts

Sizes 3X & 4X Only

Adjustment Rnd: [K2tog, k- (-, -, -, -, -, 4, 3] to last - (-, -, -, -, -, 4, 5) sts, k2tog, k- (-, -, -, -, -, 2, 3). — - (-, -, -, -, -, 128, 132) sts

All Sizes Resume
Neckband
With 3.75 mm (US 5) DPNs (or needle in preferred style for working small circumferences), work as follows:
Rnd 1: [K2, p2] to end.
Rep rnd 1 until neckband measures 3" / 7.5 cm or to desired length.
Bind off evenly in rib pattern.

FINISHING

Use 3 needle bind off or Kitchener st to join underarm sts. Use the yarn ends to close any holes that remain at the underarms. Weave in ends and block to measurements.

VERSION 2 - CABLED SLEEVE
Sleeves (make 2)
Using 3.75 mm (US 5) DPNs and a strand each of Yarns A and B held together throughout, cast on 46 (54, 54, 62) sts using the long-tail cast on method, or your preferred method of knitting small circumferences (DPNs, short circular needles, or Magic-Loop). Join in round making sure that sts are not twisted around needle. PM for BOR.

Rnd 1: P1, [k2, p2] 4 (5, 5, 6) times, k2, PM, work Rnd 1 of Chart B over next 8 sts, PM, [k2, p2] to last 3 sts, k2, p1.
Rep rnd 1 until work measures approx 3¼" / 8 cm from cast on edge or desired length, ending with a rnd 4 of chart.

Change to 4.00 mm DPNs (or needle in preferred style for working small circumferences), and work as follows:
Next Rnd: K19 (23, 25, 27), SM, work Rnd 1 of Chart B over next 8 sts, SM, k19 (23, 25, 27).
Rep last rnd, working appropriate rnds of chart until 4 rnds of chart have been completed.

Continue to rep rnds 1-4 of chart for cable patt, and at same time, work as follows:

Sleeve Increases
Inc Rnd: K1, M1L, knit to marker, SM, work appropriate rnd of chart, SM, k to last st, M1R, k1. — 2 sts inc'd.

Rep inc rnd every 6th (6th, 4th, 4th) rnd 2 (11, 23, 24) more times, then every 8th (8th, -, -) rnd 9 (3, -, -) more times. — 70 (84, 102, 112) sts

Continue in cable patt as established until sleeve measures approx 17 (17½, 18, 18½)" / 43 (44.5, 45.5, 47) cm from cast on edge, or desired length to underarm, ending with a rnd 4 of chart.

Next Rnd: Knit to marker, SM, work rnd 1 of chart, SM, knit ending 6 (6, 7, 8) sts before BOR marker.

Place next 12 (12, 14, 16) sts on waste yarn or st holder for underarm, removing marker. Break yarn. — 58 (72, 88, 96) sts

Set aside first sleeve, placing remaining 58 (72, 88, 96) sts on waste yarn or spare needle.

Work second sleeve as first.

Body
Using 3.75 mm (US 5) longer circular needle and a strand each of Yarns A and B held together throughout, cast on 220 (264, 308, 352) sts using the long-tail cast on method, or your preferred method of cast on. PM for BOR and join in the rnd, making sure that sts are not twisted around needle.

Rnd 1: [K2, p2] to end.
Rep rnd 1 until work measures 2"/ 5 cm from cast on edge.

Change to 4.00 mm (US 6) longer circular needle and work as follows:
Next Rnd: K110 (132, 154, 176), PM for side, k to end.

Shape Back Hem
Working back and forth in St st (knit RS rows, purl WS rows), work the following short-rows to add shape to back hem.

Short-Row 1 (RS): Knit to side marker, SM, k12, turn.
Short-Row 2 (WS): Make double st, purl to BOR marker, SM, p12, turn.
Short-Row 3 (RS): Make double st, bring yarn to back, knit to side marker, SM, k6, turn.
Short-Row 4 (WS): Make double st, bring yarn to front, purl to BOR marker, SM, p6, turn.
Short-Row 5 (RS): Make double st, bring yarn to back, knit to side marker, SM, k3, turn.
Short-Row 6 (WS): Make double st, bring yarn to front, purl to BOR marker, SM, p3, turn.
Short-Row 7 (RS): Make double st, bring yarn to back, knit to side marker, SM, k2, turn.
Short-Row 8 (WS): Make double st, bring yarn to front, purl to BOR, SM, p2, turn.
Next Short-Row (RS): Make double st, bring yarn to back, knit to BOR marker.

Next Rnd: Knit, working the double sts as one (like a k2tog). — 220 (264, 308, 352) sts

Work even in St st in the rnd until work measures 12 (13½, 14½, 15½)" / 30.5 (34, 37, 39.5) cm from cast on edge when measured at the front or desired length to underarm, and ending 6 (6, 7, 8) sts before BOR marker.

Join for Yoke
Next Rnd: Knit next 12 (12, 14, 16) sts, then place these sts on waste yarn for right underarm, removing BOR marker. Knit across back sts to 6 (6, 7, 8) sts before the side marker, place next 12 (12, 14, 16) sts on waste yarn for left underarm removing side marker. Transfer sts from one sleeve on to left needle of body and work as follows: K25 (32, 40, 44), SM, work rnd 2 of Chart B, SM, k25 (32, 40, 44). Knit across front sts to end, transfer sts from second sleeve on to left needle of body and work as follows: K25 (32, 40, 44), SM, work

rnd 2 of Chart B, SM, k25 (32, 40, 44). PM for BOR. — 312 (384, 456, 512) sts total, with BOR marker placed at back right.

Next Rnd: *Knit to next marker, SM, work rnd 3 of Chart B, SM*; rep from * to * once more, knit to BOR.

Shape Back Yoke
Short-Row 1 (RS): K to 1 st before next marker, turn.
Short-Row 2 (WS): Make double st, purl to BOR, purl to 1 st before next marker, turn.
Short-Row 3 (RS): Make double st, bring yarn to back, knit to BOR marker, SM, knit to 5 (6, 7, 7) sts before the double st, turn.
Short-Row 4 (WS): Make double st, bring yarn to front, purl to BOR marker, SM, purl to 5 (6, 7, 7) sts before the double st, turn.

Short-Row 5 (RS): Make double st, bring yarn to back, knit to BOR marker, SM, knit to 6 (7, 8, 8) sts before the double st, turn.
Short-Row 6 (WS): Make double st, bring yarn to front, purl to BOR marker, SM, purl to 6 (7, 8, 8) sts before the double st, turn.
Rep short-rows 5 and 6, - (1, 2, 2) more times.
Next Short-Row (RS): Make double st, bring yarn to back, knit to BOR marker.

Next Rnd: Knit to next marker, working the double sts as one (like a k2tog), SM, work rnd 4 of chart, SM, knit to next marker, SM, work rnd 4 of chart, SM, knit to end, working the double sts as one (like a k2tog). — 312 (384, 456, 512) sts

Work 2 (6, 10, 14) rnds even, continuing to work appropriate rnds of chart between markers. You will have ended on a rnd 2 of chart.

Sizes 1 & 3 Only
Adjustment Rnd: K0 (-, 1, -), [k2tog, k4 (-, 3, -)] to last 9 (-, 9, -) sts before marker, k9 (-, 9, -), SM, work rnd 3 of chart, SM, k13 (-, 14, -), [k2tog, k4 (-, 3, -)] to last 9 (-, 11, -) sts before next marker, k9 (-, 11, -), SM, work rnd 3 of chart, SM, k13 (-, 14, -), [k2tog, k4 (-, 3, -)] 2 (-, 5, -) times, k0 (-, 1, -). — 270 (-, 378, -) sts

Size 2 Only
Adjustment Rnd: K- (2, -, -), [k2tog, k- (4, -, -)] to marker, SM, work rnd 3 of chart, SM, k- (4, -, -), [k2tog, k- (4, -, -)] to next marker, SM, work rnd 3 of chart, SM, k- (4, -, -), [k2tog, k- (4, -, -)] - (4, -, -) times, k2tog, k2. — - (324, -, -) sts

Size 4 Only
Adjustment Rnd: K- (-, -, 4), [k2tog, k- (-, -, 4)] to last - (-, -, 2) sts before marker, k- (-, -, 2), SM, work rnd 3 of chart, SM, k- (-, -, 6), [k2tog, k- (-, -, 4)] to last - (-, -, 2) sts before next marker, k- (-, -, 2), SM, work rnd 3 of chart, SM, k- (-, -, 6), [k2tog, k- (-, -, 4)] to last 2 sts, k2tog. — - (-, -, 432) sts

All Sizes Resume
Begin Yoke Pattern (Change to shorter circular needle when necessary)
Begin working yoke pattern from Chart A, rep'ing the 27 st rep 10 (12, 14, 16) times around, and working decreases where indicated until 56 rnds of chart are complete. — 110 (132, 154, 176) sts

Sizes 1 & 2 Only
Adjustment Rnd: Knit, dec 2 (16, -, -) sts evenly spaced around. — 108 (116, -, -) sts

Sizes 3 & 4 Only
Adjustment Rnd: [K2tog, k- (-, 4, 2)] to last - (-, 4, 4) sts, k2tog, k- (-, 2, 2). — - (-, 128, 132) sts

All Sizes Resume
Neckband
With 3.75 mm (US 5) DPNs (or needle in preferred style for working small circumferences), work as follows:
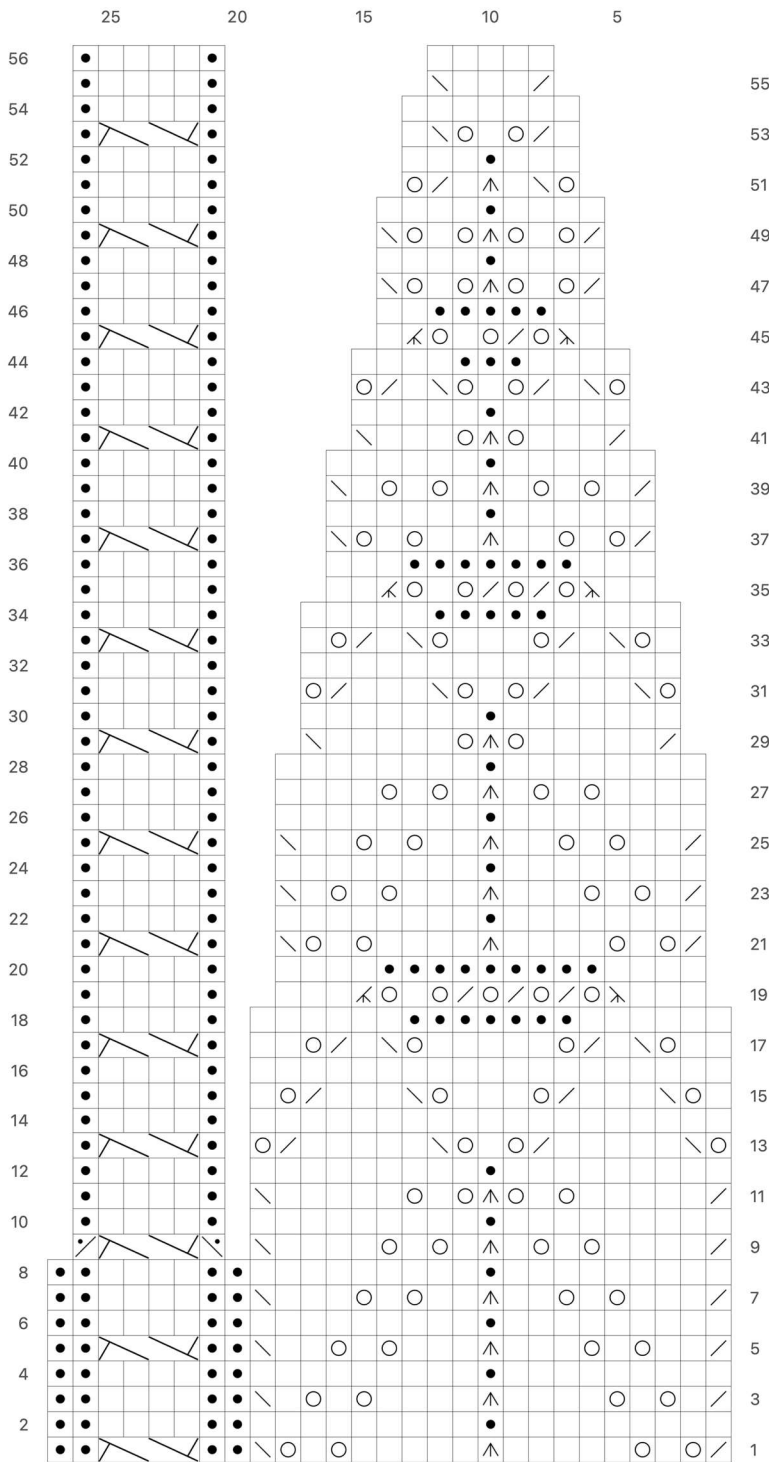**Rnd 1:** [K2, p2] to end.
Rep rnd 1 until neckband measures 3″ / 7.5 cm or to desired length.
Bind off evenly in rib pattern.

FINISHING
Use 3 needle bind off or Kitchener st to join underarm sts. Use the yarn ends to close any holes that remain at the underarms. Weave in ends and block to measurements.
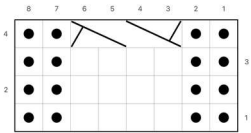
CHART A

Key

□	knit
●	purl
○	yarn over
╱	k2tog
╲	ssk
╱•	p2tog
╲•	ssp
⋀	S2KP2
⋏	k3tog
⋌	SSSK
⨉	2/2 LC

Chart B – Version 2 Only