

# Morchella Cardigan



a cartridge rib cardigan

by whitney hayward



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by Whitney Hayward

This cardigan is nearly as simple as it gets. Cartridge rib, despite the look and name, requires no purl stitches when worked flat, and alternating slipped stitches make for a meditative, easy knit. An excellent candidate for a first garment knit, or for the knitter who enjoys straightforward, uncomplicated knitting.

## Finished Measurements

**Sizes:** A (B, C, D, E, F, G, H, I, J, K)

**Bust:** 37¾ (40¾, 43¾, 46¾, 50, 53, 56, 59, 62, 65¼, 68¼)" / 96 (103.5, 111, 118.5, 127, 134.5, 142, 150, 157.5, 165.5, 173.5) cm, with 6 - 8" / 15.5 - 25.5 cm of positive ease

## Yarn

**Harrisville Shear: CVM / Romeldale** (dk weight)

100% CVM & Romeldale wool

320 yards per 100 g skein

Shown in

Warm Silver

5 (6, 6, 6, 7, 7, 8, 8, 9, 10, 10) skeins, or

1521 (1652, 1767, 1899, 2026, 2163, 2303,

2492, 2718, 2919, 3077) yds of dk weight yarn.

## Needles

**US 7 [4.50 mm]:** 32" or longer circ.

**US 4 [3.50 mm]:** 24" circ. or straights

## Gauge

21 sts and 39 rows = 4" / 10 cm in cartridge belt rib stitch pattern on larger needle, after gently wet-blocking.

20 sts and 32 rows = 4" / 10 cm in stockinette on smaller needle, after gently wet-blocking.

## Notions

Stitch markers

Tapestry needle

Waste yarn

4 (4, 4, 4, 4, 4, 4, 4, 4, 5, 5, 5) buttons,

¾" / 19 mm in size

Sewing needle and matching thread for buttons



## Stitch Patterns

**Cartridge Belt Rib** (multiple of 4 sts + 3)

**Row 1: (WS)** K1, \*sl1wyif, k3; rep from \* until 2 sts before end of row, sl1wyif, k1.

**Row 2: (RS)** K3, \*sl1wyif, k3; rep from \* until end.

## Right Neck Shaping

**Row 1: (RS)** K1, ssk, sl1wyif, (k3, sl1wyif) until m (1 st dec'd).

**Row 2: (WS)** (K2, sl1wyif, k1) until 3 sts before end, k1, sl1wyif, k1.

**Row 3:** K2, sl1wyif, (k3, sl1wyif) until m.

**Rows 4 & 5:** Rep Rows 2 & 3.

**Row 6:** Rep Row 2.

**Row 7: (RS)** K1, ssk, (k3, sl1wyif) until m (1 st dec'd).

**Row 8: (WS)** (K2, sl1wyif, k1) until 2 sts before end, sl1wyif, k1.

**Row 9:** K5, sl1wyif, (k3, sl1wyif) until m.

**Rows 10 & 11:** Rep Rows 8 & 9.

**Row 12:** Rep Row 8.

**Row 13: (RS)** K1, ssk, k2, sl1wyif, (k3, sl1wyif) until m (1 st dec'd).

**Row 14: (WS)** (K2, sl1wyif, k1) until 1 st before end, k1.

**Row 15:** K4, sl1wyif, (k3, sl1wyif) until m.

**Rows 16 & 17:** Rep Rows 14 & 15.

**Row 18:** Rep Row 14.  
**Row 19: (RS)** K1, ssk, k1, sl1wyif, (k3, sl1wyif) until m (1 st dec'd).  
**Row 20: (WS)** (K2, sl1wyif, k1) until 3 sts before end, k1, sl1wyif, k1.  
**Row 21:** K3, (sl1wyif, k3) until m.  
**Rows 22 & 23:** Rep Rows 20 & 21.  
**Row 24:** Rep Row 20.

### Left Neck Shaping

**Row 1: (RS)** (Sl1wyif, k3) until 4 sts before end, sl1wyif, k2tog, k1 (1 st dec'd).  
**Row 2: (WS)** K1, sl1wyif, k1, (k1, sl1wyif, k2) until m.  
**Row 3:** (Sl1wyif, k3) until 3 sts before end, sl1wyif, k2.  
**Rows 4 & 5:** Rep Rows 2 & 3.  
**Row 6:** Rep Row 2.  
**Row 7: (RS)** (Sl1wyif, k3) until 3 sts before end, k2tog, k1 (1 st dec'd).  
**Row 8: (WS)** K1, sl1wyif, (k1, sl1wyif, k2) until m.  
**Row 9:** (Sl1wyif, k3) until 2 sts before end, k2.  
**Rows 10 & 11:** Rep Rows 8 & 9.  
**Row 12:** Rep Row 8.  
**Row 13: (RS)** (Sl1wyif, k3) until 6 sts before end, sl1wyif, k2, k2tog, k1 (1 st dec'd).  
**Row 14: (WS)** K1, (sl1wyif) twice, k2, (k1, sl1wyif, k2) until m.  
**Row 15:** (Sl1wyif, k3) until 1 st before end, k1.  
**Rows 16 & 17:** Rep Rows 14 & 15.  
**Row 18:** Rep Row 14.  
**Row 19: (RS)** (Sl1wyif, k3) until 5 sts before end, sl1wyif, k1, k2tog, k1 (1 st dec'd).  
**Row 20: (WS)** (K1, sl1wyif, k2) until m.  
**Row 21:** (Sl1wyif, k3) until end of row.  
**Rows 22 & 23:** Rep Rows 20 & 21.  
**Row 24:** Rep Row 20.

### Abbreviations

**Sl1wyif:** Slip 1 stitch purl-wise to left hand needle.  
**K1-f/b:** Knit 1 stitch into the front and back (1 stitch inc'd).  
**Ssk: (slip, slip, knit)** Slip 1 stitch knit-wise to the right hand needle, slip next stitch by inserting the right hand needle through the back of the back loop; return stitches to left hand needle in turned position and knit them together through the back loops (1 stitch dec'd, leans to the left).

**K2tog:** Knit 2 stitches together (1 stitch dec'd., leans to the right).

**K3tog:** Knit 3 stitches together (2 sts dec'd., leans to the right).

**YO2:** Wrap yarn around needle twice. On the following row, (k1, p1) into YO2.

### Notes

- a.** This cardigan is worked flat, from the bottom up, in one piece to underarm. Fronts and back are worked separately to shoulders. Shoulders are shaped with staged bind-offs, then seamed using the mattress stitch.
- b.** Stitches are decreased in pattern for Neck shaping. Written and charted instructions are included for decreasing in pattern, and either can be used depending upon knitter preference.
- c.** Sleeves are picked up from armhole edge and worked flat, without shaping, until gathered cuff. The larger needle is used to bind off sleeve stitches to ensure the bind-off is neat, and not too tight. Sleeves are seamed using the mattress stitch.
- d.** Button band is worked separately, vertically sewn onto the cardigan using the mattress stitch, then folded in half and whip stitched to the wrong side of cardigan.
- e.** Patch pockets are knit separately, then seamed to fronts using the whip stitch.
- f.** Unless otherwise specified, bind-off all stitches knitwise.

### Links

[Long-tail cast-on](#)

[Cable cast-on](#)

[Mattress stitch for horizontal and vertical knitting](#)

[Whip stitch](#)

## Directions

### Body Hem

With larger circ using the long-tail cast-on, CO 195 (211, 227, 243, 259, 275, 291, 307, 323, 339, 355) sts.

**Row 1: (WS)** K1, \*sl1wyif, k3; rep from \* until 2 sts before end, sl1wyif, k1.

**Row 2: (RS)** K3, \*sl1wyif, k3; rep from \* until end. Rep the last two rows until Body measures 8¼ (8¼, 8¼, 8¼, 8¼, 8¼, 8¼, 8¼, 10¼, 10¼, 10¼)" / 21 (21, 21, 21, 21, 21, 21, 21, 27.5, 27.5, 27.5) cm from CO edge, ending after a RS row.

**Next row - place markers: (WS)** Work 20 (20, 24, 24, 24, 24, 24, 24, 24, 24, 24) sts in patt, pm for neck shaping, work in patt until 20 (20, 24, 24, 24, 24, 24, 24, 24, 24) sts before end, pm for neck shaping, work in patt until end of row.

### Neck Shaping

**Note:** Neck Shaping can be worked by either referencing the Right and Left Neck Shaping Charts on pg 7 of this pattern, or in written form on pg 1-2 in the introduction of the pattern.

**Row 1 - dec row: (RS)** Work Right Neck Shaping until m, work Cartridge Belt Rib until next m, work Left Neck Shaping until end of row. 2 sts dec'd., 193 (209, 225, 241, 257, 273, 289, 305, 321, 337, 353) sts rem.

**Row 2:** Work Left Neck Shaping until m, work Cartridge Belt Rib until next m, work Right Neck Shaping until end of row.

Work Rows 3 - 24 of Right and Left Neck Shaping, then rep Rows 1 - 24 of shaping 1 (1, 1, 1, 1, 1, 1, 0, 0, 0) more time, then work Rows 1 - 5 one more time. 177 (193, 209, 225, 241, 257, 273, 289, 313, 329, 345) sts rem.

**Next row - inc row: (WS)** Work Row 6 of Left Neck Shaping until m, work 27 (31, 31, 35, 39, 43, 47, 51, 55, 59, 63) sts in patt, k1-f/b, work 99 (107, 115, 123, 131, 139, 147, 155, 163, 171, 179) sts in patt, k1-f/b, work in patt until m, work Row 6 of Right Neck Shaping until end of row. 2 sts inc'd., 179 (195, 211, 227, 243, 259, 275, 291, 315, 331, 347) sts.

### Separate Fronts and Back

**Next row - dec row: (RS)** Work Row 7 of Right Neck Shaping until m, work 28 (32, 32, 36, 40, 44, 48, 52, 56, 60, 64) sts, then place next 101 (109, 117, 125, 133, 141, 149, 157, 165, 173, 181) sts onto waste yarn for back and rem 39 (43, 47, 51, 55, 59, 63, 67, 75, 79, 83) sts onto separate waste yarn for left front. 38 (42, 46, 50, 54, 58, 62, 66, 74, 78, 82) sts rem for Right Front.

### Right Front

**Row 1: (WS)** Using the cable cast-on, CO 7 sts, (k1, sl1wyif, k2) until m, work Row 8 of Right Neck Shaping until end of row. 45 (49, 53, 57, 61, 65, 69, 73, 81, 85, 89) sts.

Work Rows 9 - 24 of Right Neck Shaping, then rep Rows 1 - 24 of shaping 1 (1, 2, 2, 2, 2, 2, 2, 3, 3, 3) times, removing m on final row.

39 (43, 43, 47, 51, 55, 59, 63, 67, 71, 75) sts rem.

Work 17 (21, 1, 5, 9, 13, 17, 25, 9, 17, 21) more row(s) in patt, ending after a RS row.

Right Front measures approx. 6 (6½, 6¾, 7¼, 7¾, 8, 8½, 9¼, 10¼, 11, 11½)" / 15 (16.5, 17, 18.5, 19.5, 20.5, 21.5, 23.5, 26, 28, 29) cm from separation.

### Right Shoulder Shaping

**Row 1: (WS)** BO 11 (11, 11, 11, 15, 15, 15, 15, 19, 19, 19) sts, work Row 1 of patt until end. 28 (32, 32, 36, 36, 40, 44, 48, 48, 52, 56) sts rem.

**Row 2: (RS)** Work Row 2 of patt until last st, sl1wyif.

**Row 3:** BO 12 (12, 12, 12, 12, 16, 16, 16, 16, 20, 20) sts, work Row 1 of patt until end. 16 (20, 20, 24, 24, 24, 28, 32, 32, 32, 36) sts rem.

**Row 4:** Work Row 2 of patt until last st, sl1wyif.

**Row 5:** BO 8 (12, 12, 12, 12, 12, 16, 16, 16, 16, 20) sts, work Row 1 of patt until end. 8 (8, 8, 12, 12, 12, 12, 16, 16, 16, 16) sts rem.

**Row 6:** Work Row 2 of patt until last st, sl1wyif. BO rem sts knit-wise.

## Left Front

Return sts held for Left Front to larger needle, ready to work a RS row.

**Row 1: (RS)** Using the cable cast-on, CO 7 sts, k3, (sl1wyif, k3) until m, work Row 7 of Left Neck Shaping until end of row. 45 (49, 53, 57, 61, 65, 69, 73, 81, 85, 89) sts rem. Work Rows 9 - 24 of Left Neck Shaping, then rep Rows 1 - 24 of shaping 1 (1, 2, 2, 2, 2, 2, 3, 3, 3) times, removing m on final row. 39 (43, 43, 47, 51, 55, 59, 63, 67, 71, 75) sts rem. Work 16 (22, 0, 4, 8, 12, 16, 24, 8, 16, 20) more rows in patt, ending after a WS row.

## Left Shoulder Shaping

**Row 1: (RS)** BO 11 (11, 11, 11, 15, 15, 15, 15, 19, 19, 19) sts, work Row 2 of patt until end of row. 28 (32, 32, 36, 36, 40, 44, 48, 48, 52, 56) sts rem.

**Row 2: (WS)** Work Row 1 of patt until last st, sl1wyif.

**Row 3:** BO 12 (12, 12, 12, 12, 16, 16, 16, 16, 20, 20) sts, work Row 2 of patt until end. 16 (20, 20, 24, 24, 24, 28, 32, 32, 32, 36) sts rem.

**Row 4:** Work Row 1 of patt until last st, sl1wyif.

**Row 5:** BO 8 (12, 12, 12, 12, 12, 16, 16, 16, 16, 20) sts, work Row 2 of patt until end. 8 (8, 8, 12, 12, 12, 12, 16, 16, 16, 16) sts rem.

**Row 6:** Work Row 1 of patt until last st, sl1wyif. BO rem sts knit-wise.

## Back

Return sts held for Back to larger needle, ready to work a RS row.

**Row 1: (RS)** Using the cable cast-on, CO 7 sts, (k3, sl1wyif) until end.

**Row 2: (WS)** Using the cable cast-on, CO 7 sts, k1, sl1wyif, k1, (k2, sl1wyif, k1) until end of row. 115 (123, 131, 139, 147, 155, 163, 171, 179, 187, 195) sts.

Work in patt until Back measures same as Fronts at armhole edge, ending after a WS row.

## Back Shoulder Shaping

**Row 1: (RS)** BO 11 (11, 11, 11, 15, 15, 15, 15, 19, 19, 19) sts, work Row 2 of patt until end of row. 104 (112, 120, 128, 132, 140, 148, 156, 160, 168, 176) sts rem.

**Row 2: (WS)** BO 11 (11, 11, 11, 15, 15, 15, 15, 19, 19, 19) sts, work Row 1 of patt until last st, sl1wyif. 93 (101, 109, 117, 117, 125, 133, 141, 141, 149, 157) sts rem.

**Row 3:** BO 12 (12, 12, 12, 12, 16, 16, 16, 16, 20, 20) sts, work Row 2 of patt until last st, sl1wyif. 81 (89, 97, 105, 105, 109, 117, 125, 125, 129, 137) sts rem.

**Row 4:** BO 12 (12, 12, 12, 12, 16, 16, 16, 16, 20, 20) sts, work Row 1 of patt until last st, sl1wyif. 69 (77, 85, 93, 93, 93, 101, 109, 109, 109, 117) sts rem.

**Row 5:** BO 8 (12, 12, 12, 12, 12, 16, 16, 16, 16, 20) sts, work Row 2 of patt until last st, sl1wyif. 61 (65, 73, 81, 81, 81, 85, 93, 93, 93, 97) sts rem.

**Row 6:** BO 8 (12, 12, 12, 12, 12, 16, 16, 16, 16, 20) sts, work Row 1 of patt until last st, sl1wyif. 53 (53, 61, 69, 69, 69, 69, 77, 77, 77, 77) sts rem.

**Row 7:** BO 8 (8, 8, 12, 12, 12, 12, 16, 16, 16, 16) sts, work Row 2 of patt until last st, sl1wyif. 45 (45, 53, 57, 57, 57, 57, 61, 61, 61, 61) sts rem.

**Row 8:** BO 8 (8, 8, 12, 12, 12, 12, 16, 16, 16, 16) sts, work Row 1 of patt until last st, sl1wyif. 37 (37, 45, 45, 45, 45, 45, 45, 45, 45, 45) sts rem. BO rem sts knit-wise.

## Join Shoulders

Seam Right and Left shoulders using the mattress stitch, leaving center 37 (37, 45, 45, 45, 45, 45, 45, 45, 45, 45) sts for back neck.

## Sleeves

**Note:** Stitches for sleeve are picked up around armhole edge and worked flat. Pick up stitches at a rate of 1 stitch for every 2 rows closer to underarm, and 1 stitch in each row closer to the shoulder seam.

With larger needle, the RS of cardigan facing, beg at underarm edge, pick up and knit 33 (35, 37, 39, 41, 43, 45, 49, 53, 57, 59) sts to shoulder seam, then pick up and knit 34 (36, 38, 40, 42, 44, 46, 50, 54, 58, 60) sts to underarm edge. 67 (71, 75, 79, 83, 87, 91, 99, 107, 115, 119) sts.

**Row 1: (WS)** K1, \*sl1wyif, k3; rep from \* until 2 sts before end, sl1wyif, k1.

**Row 2: (RS)** K3, \*sl1wyif, k3; rep from \* until end. Rep the last two rows until sleeve measures 13½" / 34.5 cm from sleeve pick-up, ending after a RS row.

**Next row - dec row: (WS)** K1, p1, (k3tog, p1) until last st, k1. 32 (34, 36, 38, 40, 42, 44, 48, 52, 56, 58) sts dec'd., 35 (37, 39, 41, 43, 45, 47, 51, 55, 59, 61) sts rem.

### **Sizes - (-, -, D, E, F, G, H, I, J, K)**

**Next row: (RS)** (K1, p1) - (-, -, 9, 10, 9, 10, 9, 9, 9, 8) times, (k3tog, p1) - (-, -, 1, 1, 2, 2, 4, 5, 6, 7) times, (k1, p1) - (-, -, 9, 9, 9, 9, 8, 8, 8, 8) times until last st, k1. - (-, -, 2, 2, 4, 4, 8, 10, 12, 14) sts dec'd., - (-, -, 39, 41, 41, 43, 43, 45, 47, 47) sts rem.

### **Cuff**

Switch to smaller needles.

**Row 1: (RS)** K1, (p1, k1) until end of row.

Rep the last row until cuff meas 3" / 7.5 cm.

With larger needle, BO all sts in patt.

Rep sleeve instrux for second sleeve.

### **Button Band**

With smaller needle using the long-tail cast on, CO 18 sts.

**Row 1: (RS)** Knit.

**Row 2: (WS)** Purl.

Rep the last two rows 2 more times.

**Buttonhole Row 1: (RS)** K2, k2tog, YO2, ssk, k6, k2tog, YO2, ssk, k2.

**Buttonhole Row 2: (WS)** Purl to YO2, (k1, p1) into YO2, purl to next YO2, (k1, p1) into YO2, purl to end.

\*Work in stockinette for 2¼" / 5.5 cm, ending after a WS row, then rep Buttonhole Rows 1 & 2. Rep from \* 2 (2, 2, 2, 2, 2, 2, 3, 3, 3) more times for a total of 4 (4, 4, 4, 4, 4, 4, 5, 5, 5) buttonholes.

Work in stockinette until button band measures 5¼ (56, 58¾, 60½, 62¼, 63¾, 65½, 67¾, 71¾, 73¾, 75½)" / 138 (142, 149, 153.5, 158, 162, 166.5, 172, 182, 187.5, 192) cm from CO edge, ending after a WS row. BO all sts knit-wise.

### **Attach button band**

With RS of cardigan and button band facing, line up pieces so that buttonholes are at the Right Front of cardigan. Pin button band around front and neck edge, making sure the top buttonhole lines up with the beginning of the front neck shaping on Right Front (or is slightly below it). Beginning at the Right Front and using the mattress stitch, seam button band around front edge of cardigan. Turn cardigan inside out. Fold band to the WS. Whip stitch the button band to the WS of cardigan, making sure buttonholes line up.

### **Pockets**

With larger circ using the long-tail cast-on, CO 27 sts.

**Row 1: (WS)** K1, \*sl1wyif, k3; rep from \* until 2 sts before end, sl1wyif, k1.

**Row 2: (RS)** K3, \*sl1wyif, k3; rep from \* until end. Rep the last two rows until pocket measures 5" / 12.5 cm from CO edge, ending after a WS row.

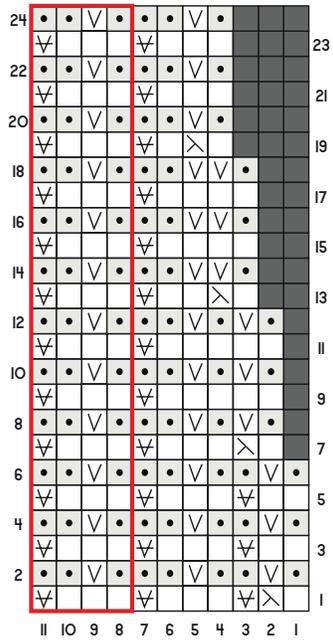
BO all sts knit-wise.

Rep pocket instrux for second pocket.

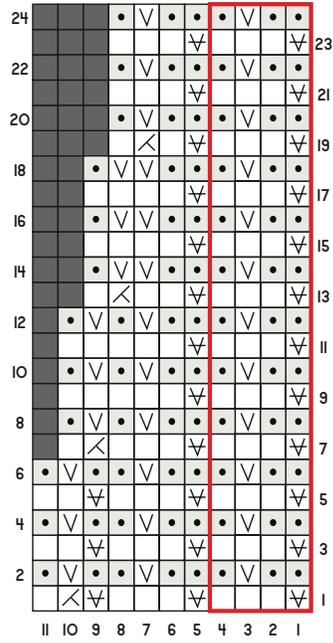
### **Finishing**

Gently wet-block cardigan and pockets to measurements. Seam sleeves using the mattress stitch. Sew pockets to fronts of cardigan using the mattress stitch. Sew buttons opposite buttonholes. Weave in ends.

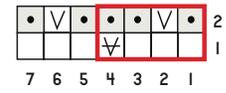
RIGHT NECK SHAPING



LEFT NECK SHAPING



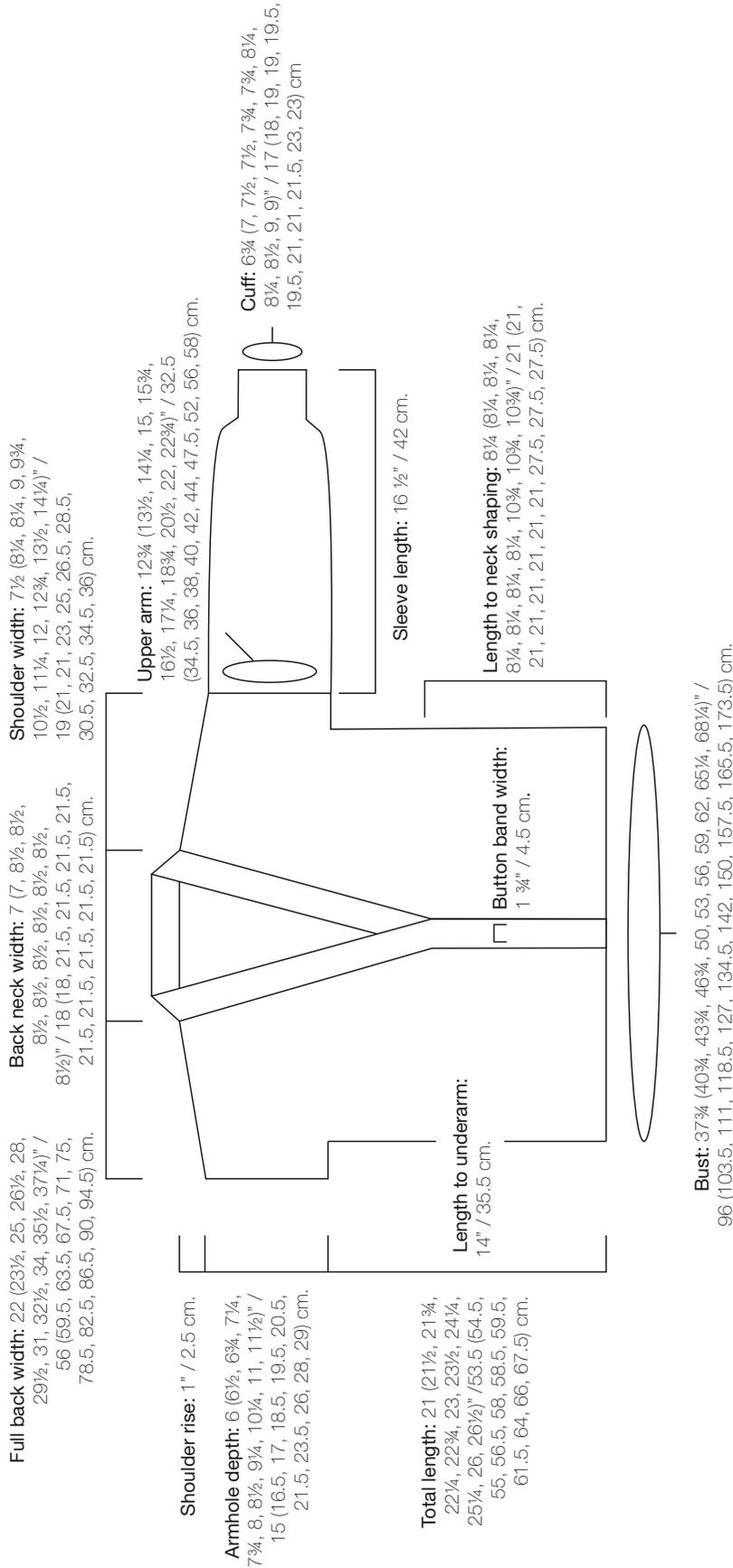
CARTRIDGE RIB



KEY

- (RS) knit
- (WS) knit
- ∇ (RS) sl1wyif
- ∇ (WS) sl1wyif
- × ssk
- ∇ k2tog
- no stitch
- repeat





### standard abbreviations

- approx: approximately
- beg: beginning
- circ: circular needle
- cm: centimeters
- CO: cast-on
- dec('d): decrease('d)
- g: grams
- instrux: instructions
- k: knit
- LH: left hand
- p: purl
- m: marker(s)
- mm: millimeters
- meas: measures
- patt: pattern
- pm: place marker
- rep: repeat
- rem: remain
- RH: right hand
- RS: right side
- sm: slip marker
- st(s): stitch(es)

