Bell & Gossett
a xylem brand

SUBMITTAL
B-139.6B

JOB: **REPRESENTATIVE:**

UNIT TAG: **ORDER NO.** **DATE:**
ENGINEER: **SUBMITTED BY:** **DATE:**
CONTRACTOR: **APPROVED BY:** **DATE:**

Series e-80
2x2x9.5C
Close Coupled In-Line Centrifugal Pump

DESCRIPTION:
The Series e-80 is a highly efficient, heavy duty, close coupled pump designed for horizontal or vertical in-line mounting. The e-80 is available in stainless steel fitted construction, with flows up to 2500 GPM, heads to 380 feet.

SPECIFICATIONS

FLOW _____ HEAD _____
HP _____ RPM _____
VOLTS _____
INPUT
CYCLE _____ PHASE _____
ENCLOSURE _____
APPROX. WEIGHT _____
SPECIALS _____

MATERIALS OF CONSTRUCTION
☒ Stainless Steel Fitted

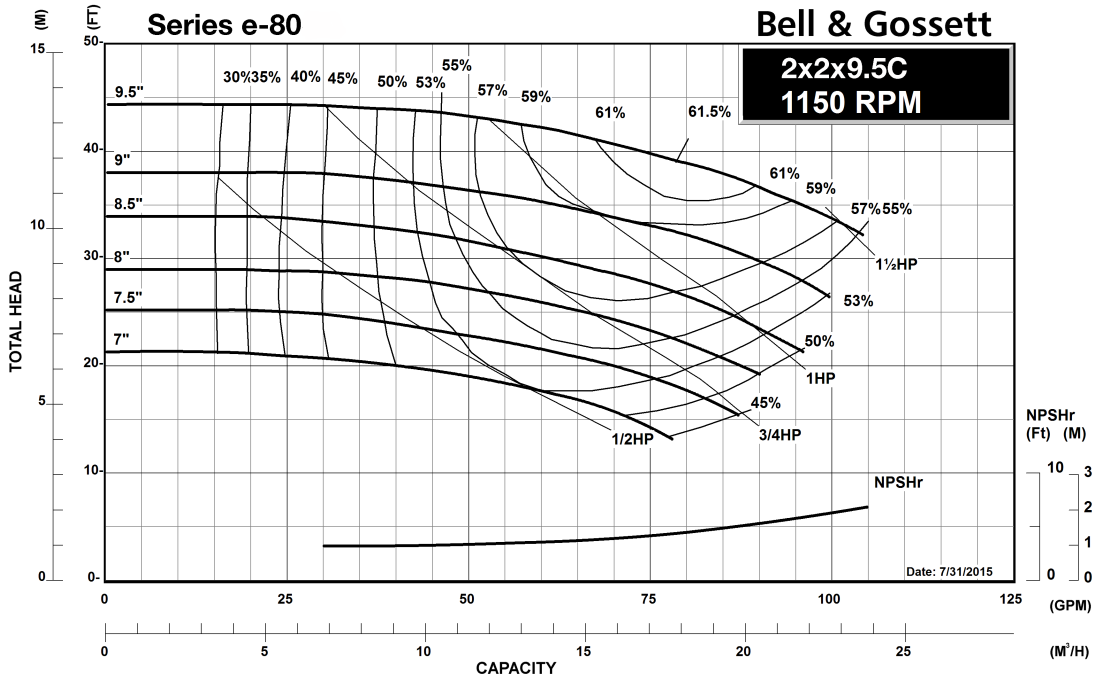
MAXIMUM WORKING PRESSURE
☐ 175 psi (12 bar) with 125# ANSI flange drilling
☐ 250 psi (17 bar) with 250# ANSI flange drilling (requires 80-S)
☐ 300 psi (21 bar) W.P. with 250# ANSI flange drilling (Requires -S and EPR-Silicon Carbide-Silicon Carbide Seal)

MOUNTING
☐ In-Line Piping ☐ Flange Supports

PUMP VARIABLE SPEED CONTROL
☐ Integrated Technologic® Sensorless Control (ITSC)
☐ Integrated Technologic® (IT)
- ☐ External input by others
- ☐ Pressure Sensor(s)
- ☐ Differential Pressure Sensor(s)
- ☐ Flow Sensor(s)

☐ By Others

TYPE OF SEAL
☐ -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
☐ -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
☐ -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated PTFE)



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JOB: **REPRESENTATIVE:**

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Series e-80
2x2x9.5C
Close Coupled In-Line Centrifugal Pump

DESCRIPTION:
The Series e-80 is a highly efficient, heavy duty, close coupled pump designed for horizontal or vertical in-line mounting. The e-80 is available in stainless steel fitted construction, with flows up to 2500 GPM, heads to 380 feet.

SPECIFICATIONS

FLOW _____ HEAD _____
HP _____ RPM _____
VOLTS _____
INPUT
CYCLE _____ PHASE _____
ENCLOSURE _____
APPROX. WEIGHT _____
SPECIALS _____

MATERIALS OF CONSTRUCTION
☒ Stainless Steel Fitted

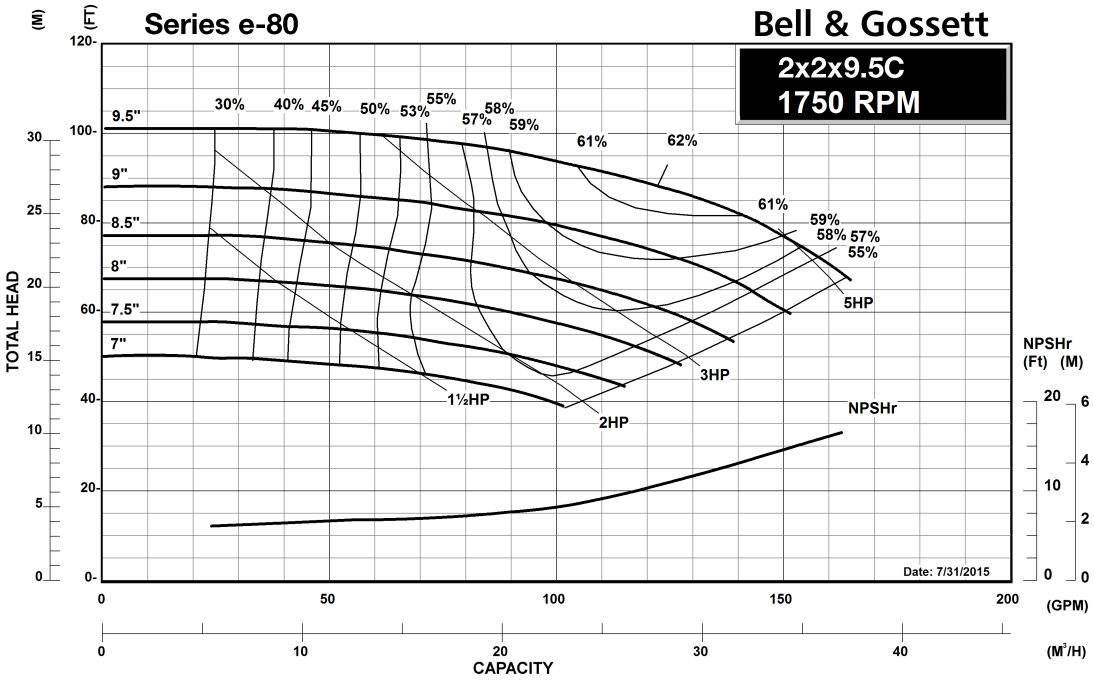
MAXIMUM WORKING PRESSURE
☐ 175 psi (12 bar) with 125# ANSI flange drilling
☐ 250 psi (17 bar) with 250# ANSI flange drilling (requires 80-S)
☐ 300 psi (21 bar) W.P. with 250# ANSI flange drilling (Requires -S and EPR-Silicon Carbide-Silicon Carbide Seal)

MOUNTING
☐ In-Line Piping ☐ Flange Supports

PUMP VARIABLE SPEED CONTROL
☐ Integrated Technologic® Sensorless Control (ITSC)
☐ Integrated Technologic® (IT)
- ☐ External input by others
- ☐ Pressure Sensor(s)
- ☐ Differential Pressure Sensor(s)
- ☐ Flow Sensor(s)

☐ By Others

TYPE OF SEAL
☐ -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
☐ -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
☐ -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated PTFE)



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JOB: **REPRESENTATIVE:**

UNIT TAG: **ORDER NO.** **DATE:**
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Series e-80
2x2x9.5C
Close Coupled In-Line Centrifugal Pump

DESCRIPTION:
The Series e-80 is a highly efficient, heavy duty, close coupled pump designed for horizontal or vertical in-line mounting. The e-80 is available in stainless steel fitted construction, with flows up to 2500 GPM, heads to 380 feet.

SPECIFICATIONS

FLOW _____ HEAD _____
HP _____ RPM _____
VOLTS _____
INPUT
CYCLE _____ PHASE _____
ENCLOSURE _____
APPROX. WEIGHT _____
SPECIALS _____

MATERIALS OF CONSTRUCTION
☒ Stainless Steel Fitted

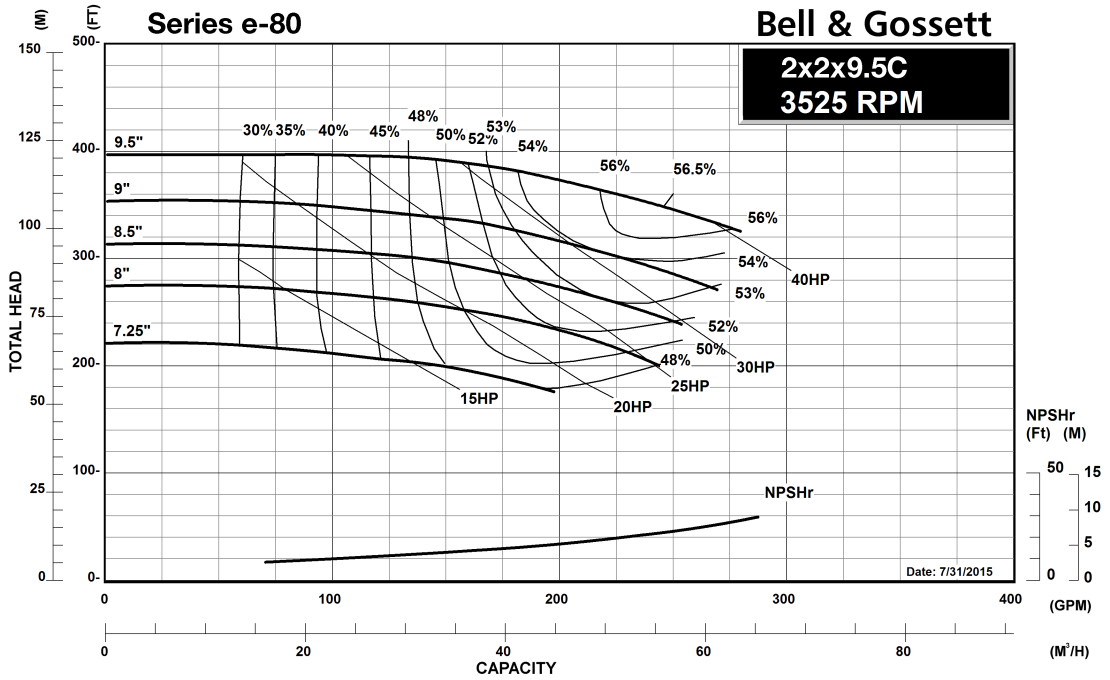
MAXIMUM WORKING PRESSURE
☐ 175 psi (12 bar) with 125# ANSI flange drilling
☐ 250 psi (17 bar) with 250# ANSI flange drilling (requires 80-S)
☐ 300 psi (21 bar) W.P. with 250# ANSI flange drilling (Requires -S and EPR-Silicon Carbide-Silicon Carbide Seal)

MOUNTING
☐ In-Line Piping ☐ Flange Supports

PUMP VARIABLE SPEED CONTROL
☐ Integrated Technologic® Sensorless Control (ITSC)
☐ Integrated Technologic® (IT)
- ☐ External input by others
- ☐ Pressure Sensor(s)
- ☐ Differential Pressure Sensor(s)
- ☐ Flow Sensor(s)

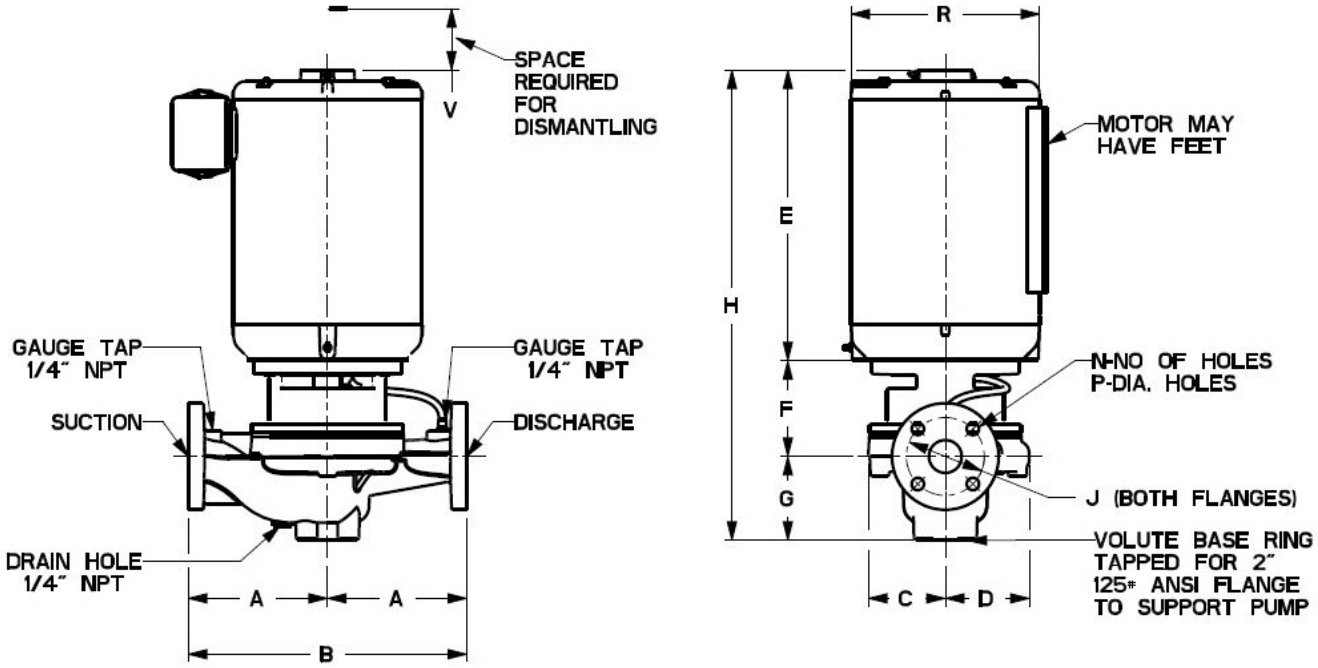
☐ By Others

TYPE OF SEAL
☐ -F Standard Seal w/ Flush Line (Buna-Carbon/Ceramic)
☐ -S Stuffing Box construction w/ Flushed Mechanical Single Seal (EPR-Tungsten Carbide/Carbon)
☐ -PF Stuffing Box Construction w/ Flushed Packing (Graphite Impregnated PTFE)



Series e-80 2x2x9.5C Close Coupled In-Line Centrifugal Pump

B-139.6B



1P0354

In-Line Piping

DIMENSIONS - Inches (mm) STANDARD SEAL

MOTOR FRAME	A	B	C	D	E (max)	F	G	H (max)	125# ANSI			250# ANSI			R		V (min)	Suct/Disch Gauge Taps (NPT)	Drain Tap (NPT)
									J	N	P	J	N	P					
145JM	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	12.63 (321)	4.75 (121)	5.38 (137)	22.75 (578)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	9.75 (248)	1.50 (38)	4.50 (114)	0.25	0.25
182JM	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	15.31 (389)	4.75 (121)	5.38 (137)	25.44 (646)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
184JM	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	15.31 (389)	4.75 (121)	5.38 (137)	25.44 (646)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
213JM	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	19.25 (489)	4.75 (121)	5.38 (137)	29.38 (746)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	14.00 (356)	-	4.50 (114)	0.25	0.25
215JM	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	19.25 (489)	4.75 (121)	5.38 (137)	29.38 (746)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	14.00 (356)	-	4.50 (114)	0.25	0.25
254JM	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	24.13 (613)	5.75 (146)	5.38 (137)	35.25 (895)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	17.00 (432)	-	4.50 (114)	0.25	0.25
256JM	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	24.13 (613)	5.75 (146)	5.38 (137)	35.25 (895)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	17.00 (432)	-	4.50 (114)	0.25	0.25
284JM	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	23.63 (600)	5.75 (146)	5.38 (137)	34.75 (883)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
286JM	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	25.13 (638)	5.75 (146)	5.38 (137)	36.25 (921)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
324JM	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	26.00 (660)	5.75 (146)	5.38 (137)	37.13 (943)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	18.75 (476)	5.38 (137)	4.50 (114)	0.25	0.25

Dimensions are subject to change. Not to be used for construction purposes unless certified.

NOTE: For Single phase Motors add 1" to dimensions E & H.

*Dimensions are for ODP Motors. For TEFC add S dimension to dimensions E & H.

Xylem Inc.
8200 N. Austin Avenue, Morton Grove, IL 60053
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www.xylem.com/bellgossett

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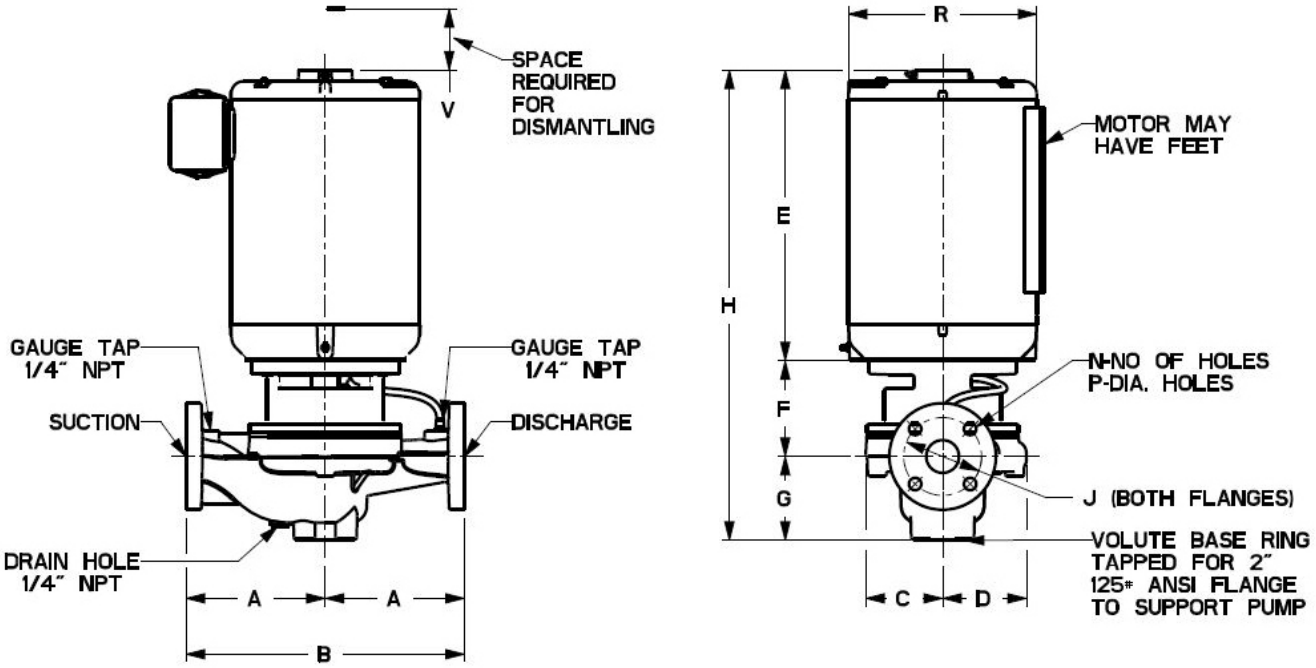
Series e-80 2x2x9.5C Close Coupled In-Line Centrifugal Pump

B-139.6B



1P0354

In-Line Piping

DIMENSIONS - Inches (mm) **STUFFING BOX**

MOTOR FRAME	A	B	C	D	E (max)	F	G	H (max)	125# ANSI			250# ANSI			R	S (Max)*	V (min)	Suct/Disch Gauge Taps (NPT)	Drain Tap (NPT)
									J	N	P	J	N	P					
145JP	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	12.63 (321)	7.88 (200)	5.38 (137)	25.88 (657)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	9.75 (248)	1.50 (38)	4.50 (114)	0.25	0.25
182JP	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	15.31 (389)	7.88 (200)	5.38 (137)	28.56 (725)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
184JP	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	15.31 (389)	7.88 (200)	5.38 (137)	28.56 (725)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
213JP	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	19.25 (489)	8.63 (219)	5.38 (137)	33.25 (845)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	14.00 (356)	-	4.50 (114)	0.25	0.25
215JP	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	19.25 (489)	8.63 (219)	5.38 (137)	33.25 (845)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	14.00 (356)	-	4.50 (114)	0.25	0.25
254JP	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	24.13 (613)	8.63 (219)	5.38 (137)	38.13 (968)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	17.00 (432)	-	4.50 (114)	0.25	0.25
256JP	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	24.13 (613)	8.63 (219)	5.38 (137)	38.13 (968)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	17.00 (432)	-	4.50 (114)	0.25	0.25
284JP	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	23.63 (600)	8.63 (219)	5.38 (137)	37.63 (956)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
286JP	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	25.13 (638)	8.63 (219)	5.38 (137)	39.13 (994)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
324JP	10.00 (254)	20.00 (508)	6.00 (152)	6.50 (165)	26.00 (660)	8.63 (219)	5.38 (137)	40.00 (1016)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	18.75 (476)	5.38 (137)	4.50 (114)	0.25	0.25

Dimensions are subject to change. Not to be used for construction purposes unless certified.

NOTE: For Single phase Motors add 1" to dimensions E & H.

*Dimensions are for ODP Motors. For TEFC add S dimension to dimensions E & H.

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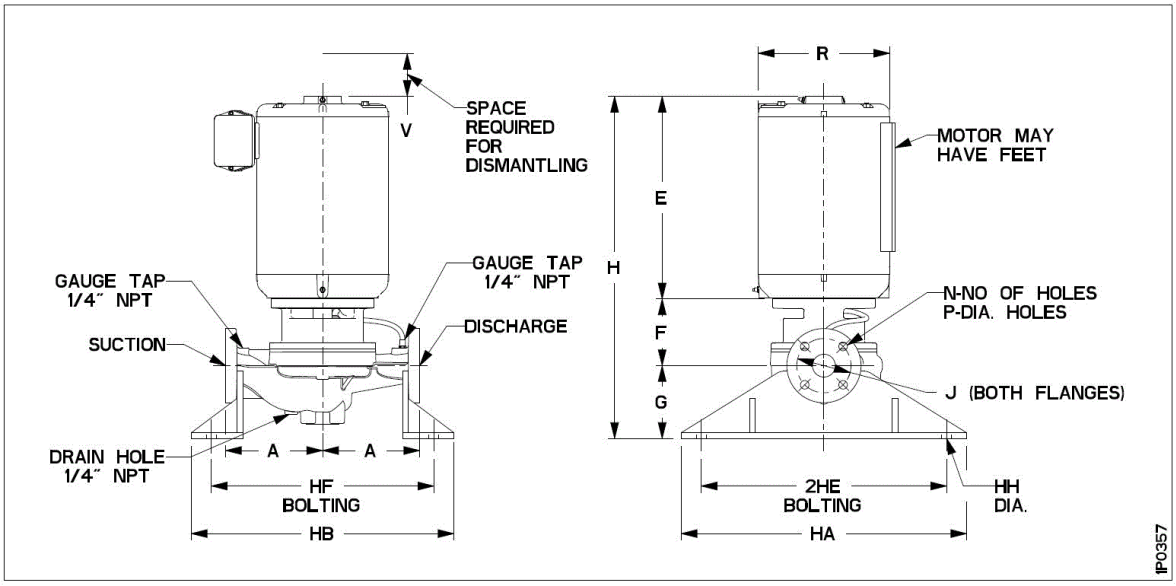

Flange Support Mounting

DIMENSIONS - Inches (mm) **STANDARD SEAL**

MOTOR FRAME	A	HF BOLTING	HB	2HE BOLTING	HA	HH DIA	E (max)	F	G	H (max)	125# ANSI			250# ANSI			R	S (Max)*	V (min)	Suct/Disch Gauge Taps (NPT)	Drain Tap (NPT)
											J	N	P	J	N	P					
145JM	10.00	22.50	26.00	21.50	25.00	0.88	12.63	4.75	6.38	23.75	4.75	4	0.75	5.00	8	0.75	9.75	1.50	4.50	0.25	0.25
	(254)	(572)	(660)	(546)	(635)	(22)	(321)	(121)	(162)	(603)	(121)		(19)	(127)		(19)	(248)	(38)	(114)		
182JM	10.00	22.50	26.00	21.50	25.00	0.88	15.31	4.75	6.38	26.44	4.75	4	0.75	5.00	8	0.75	11.75	1.00	4.50	0.25	0.25
	(254)	(572)	(660)	(546)	(635)	(22)	(389)	(121)	(162)	(672)	(121)		(19)	(127)		(19)	(298)	(25)	(114)		
184JM	10.00	22.50	26.00	21.50	25.00	0.88	15.31	4.75	6.38	26.44	4.75	4	0.75	5.00	8	0.75	11.75	1.00	4.50	0.25	0.25
	(254)	(572)	(660)	(546)	(635)	(22)	(389)	(121)	(162)	(672)	(121)		(19)	(127)		(19)	(298)	(25)	(114)		
213JM	10.00	22.50	26.00	21.50	25.00	0.88	19.25	4.75	6.38	30.38	4.75	4	0.75	5.00	8	0.75	14.00	-	4.50	0.25	0.25
	(254)	(572)	(660)	(546)	(635)	(22)	(489)	(121)	(162)	(772)	(121)		(19)	(127)		(19)	(356)		(114)		
215JM	10.00	22.50	26.00	21.50	25.00	0.88	19.25	4.75	6.38	30.38	4.75	4	0.75	5.00	8	0.75	14.00	-	4.50	0.25	0.25
	(254)	(572)	(660)	(546)	(635)	(22)	(489)	(121)	(162)	(772)	(121)		(19)	(127)		(19)	(356)		(114)		
254JM	10.00	22.50	26.00	21.50	25.00	0.88	24.13	5.75	6.38	36.25	4.75	4	0.75	5.00	8	0.75	17.00	-	4.50	0.25	0.25
	(254)	(572)	(660)	(546)	(635)	(22)	(613)	(146)	(162)	(921)	(121)		(19)	(127)		(19)	(432)		(114)		
256JM	10.00	22.50	26.00	21.50	25.00	0.88	24.13	5.75	6.38	36.25	4.75	4	0.75	5.00	8	0.75	17.00	-	4.50	0.25	0.25
	(254)	(572)	(660)	(546)	(635)	(22)	(613)	(146)	(162)	(921)	(121)		(19)	(127)		(19)	(432)		(114)		
284JM	10.00	22.50	26.00	21.50	25.00	0.88	23.63	5.75	6.38	35.75	4.75	4	0.75	5.00	8	0.75	16.13	4.63	4.50	0.25	0.25
	(254)	(572)	(660)	(546)	(635)	(22)	(600)	(146)	(162)	(908)	(121)		(19)	(127)		(19)	(410)	(117)	(114)		
286JM	10.00	22.50	26.00	21.50	25.00	0.88	25.13	5.75	6.38	37.25	4.75	4	0.75	5.00	8	0.75	16.13	4.63	4.50	0.25	0.25
	(254)	(572)	(660)	(546)	(635)	(22)	(638)	(146)	(162)	(946)	(121)		(19)	(127)		(19)	(410)	(117)	(114)		
324JM	10.00	22.50	26.00	21.50	25.00	0.88	26.00	5.75	6.38	38.13	4.75	4	0.75	5.00	8	0.75	18.75	5.38	4.50	0.25	0.25
	(254)	(572)	(660)	(546)	(635)	(22)	(660)	(146)	(162)	(968)	(121)		(19)	(127)		(19)	(476)	(137)	(114)		

Dimensions are subject to change. Not to be used for construction purposes unless certified.

NOTE: For Single phase Motors add 1" to dimensions E & H.

*Dimensions are for ODP Motors. For TEFC add S dimension to dimensions E & H.

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Series e-80 2x2x9.5C Close Coupled In-Line Centrifugal Pump

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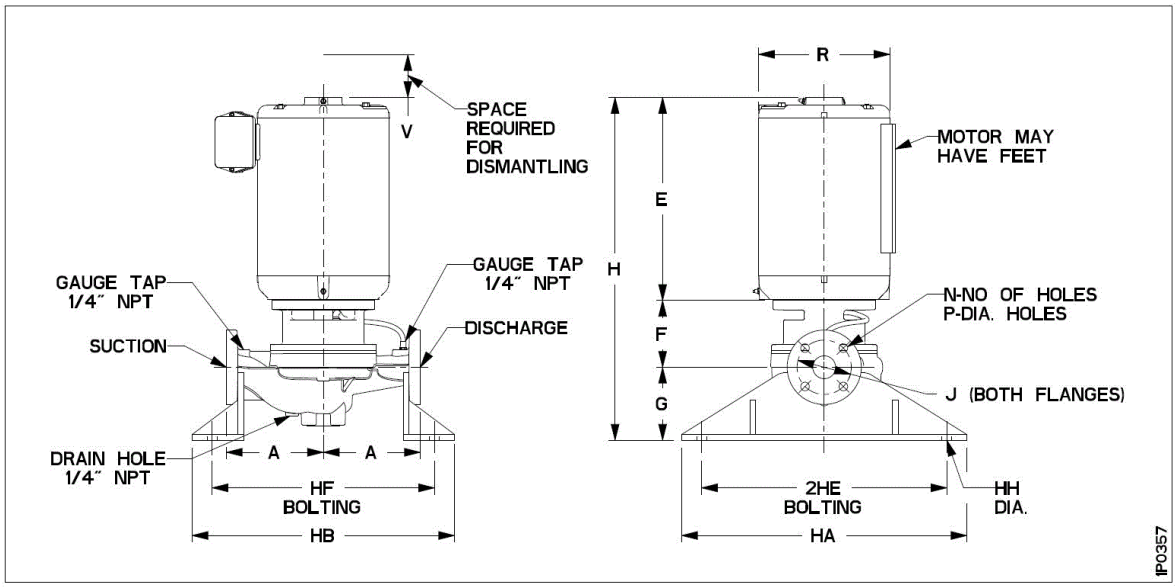

Flange Support Mounting

DIMENSIONS - Inches (mm) **STUFFING BOX**

MOTOR FRAME	A	HF BOLTING	HB	ZHE BOLTING	HA	HH DIA	E (max)	F	G	H (max)	125# ANSI			250# ANSI			R	S (Max)*	V (min)	Suct/Disch Gauge Taps (NPT)	Drain Tap (NPT)
											J	N	P	J	N	P					
145JP	10.00 (254)	22.50 (572)	26.00 (660)	21.50 (546)	25.00 (635)	0.88 (22)	12.63 (321)	7.88 (200)	6.38 (162)	26.88 (683)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	9.75 (248)	1.50 (38)	4.50 (114)	0.25	0.25
182JP	10.00 (254)	22.50 (572)	26.00 (660)	21.50 (546)	25.00 (635)	0.88 (22)	15.31 (389)	7.88 (200)	6.38 (162)	29.56 (751)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
184JP	10.00 (254)	22.50 (572)	26.00 (660)	21.50 (546)	25.00 (635)	0.88 (22)	15.31 (389)	7.88 (200)	6.38 (162)	29.56 (751)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	11.75 (298)	1.00 (25)	4.50 (114)	0.25	0.25
213JP	10.00 (254)	22.50 (572)	26.00 (660)	21.50 (546)	25.00 (635)	0.88 (22)	19.25 (489)	8.63 (219)	6.38 (162)	34.25 (870)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	14.00 (356)	-	4.50 (114)	0.25	0.25
215JP	10.00 (254)	22.50 (572)	26.00 (660)	21.50 (546)	25.00 (635)	0.88 (22)	19.25 (489)	8.63 (219)	6.38 (162)	34.25 (870)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	14.00 (356)	-	4.50 (114)	0.25	0.25
254JP	10.00 (254)	22.50 (572)	26.00 (660)	21.50 (546)	25.00 (635)	0.88 (22)	24.13 (613)	8.63 (219)	6.38 (162)	39.13 (994)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	17.00 (432)	-	4.50 (114)	0.25	0.25
256JP	10.00 (254)	22.50 (572)	26.00 (660)	21.50 (546)	25.00 (635)	0.88 (22)	24.13 (613)	8.63 (219)	6.38 (162)	39.13 (994)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	17.00 (432)	-	4.50 (114)	0.25	0.25
284JP	10.00 (254)	22.50 (572)	26.00 (660)	21.50 (546)	25.00 (635)	0.88 (22)	23.63 (600)	8.63 (219)	6.38 (162)	38.63 (981)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
286JP	10.00 (254)	22.50 (572)	26.00 (660)	21.50 (546)	25.00 (635)	0.88 (22)	25.13 (638)	8.63 (219)	6.38 (162)	40.13 (1019)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	16.13 (410)	4.63 (117)	4.50 (114)	0.25	0.25
324JP	10.00 (254)	22.50 (572)	26.00 (660)	21.50 (546)	25.00 (635)	0.88 (22)	26.00 (660)	8.63 (219)	6.38 (162)	41.00 (1041)	4.75 (121)	4	0.75 (19)	5.00 (127)	8	0.75 (19)	18.75 (476)	5.38 (137)	4.50 (114)	0.25	0.25

Dimensions are subject to change. Not to be used for construction purposes unless certified.

NOTE: For Single phase Motors add 1" to dimensions E & H.

*Dimensions are for ODP Motors. For TEFC add S dimension to dimensions E & H.

xylem
Let's Solve Water

Xylem Inc.
8200 N. Austin Avenue, Morton Grove, IL 60053
Phone: (847)966-3700 Fax: (847)965-8379
www.xylem.com/bellgossett

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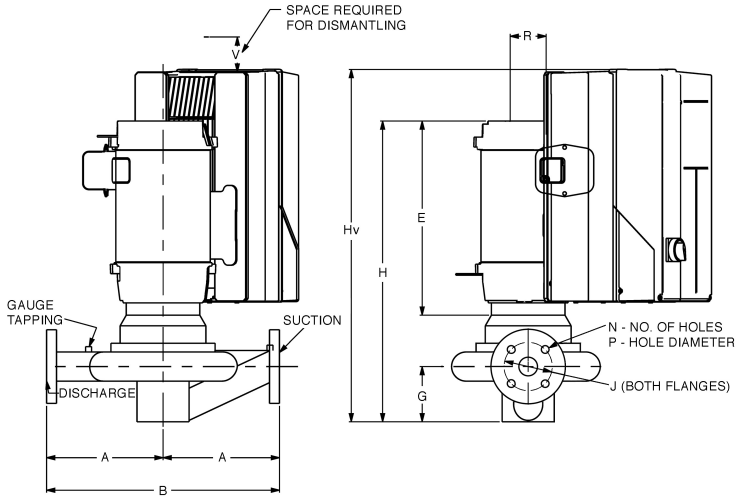
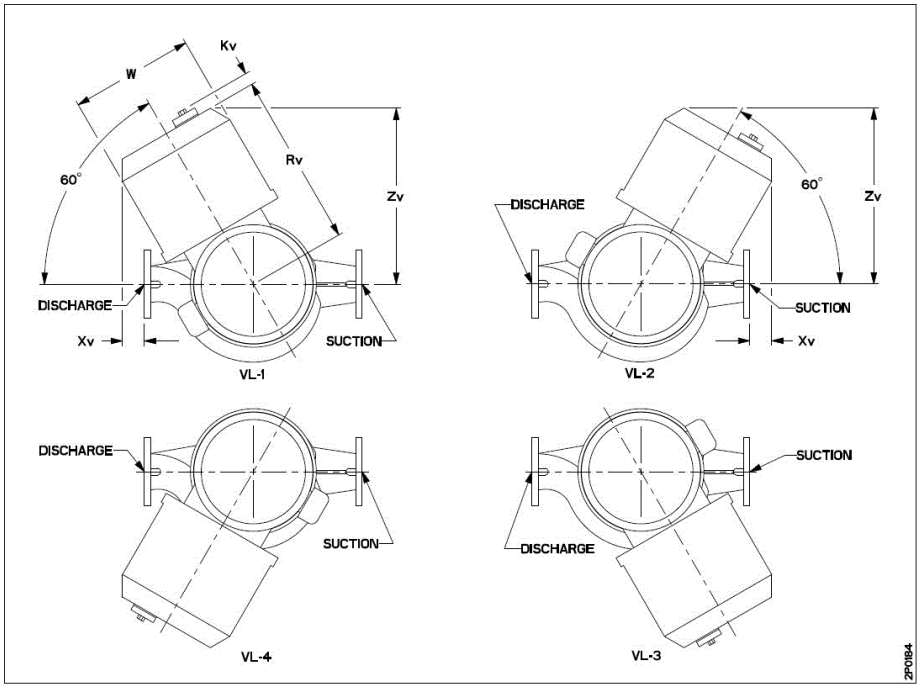
Series e-80 2x2x9.5C Close Coupled In-Line Centrifugal Pump
With Integrated Technologic® Control

B-139.6B

TECHNOLOGIC STANDARD FEATURES	
CONTROL METHOD WITH INTEGRATED TECHNOLOGIC® SENSORLESS CONTROL (ITSC)	Factory configured for sensorless operation.
CONTROL METHOD WITH INTEGRATED TECHNOLOGIC® (IT)	Field configurable for sensor by others, building management system input, or optional sensor(s) provided.
ENCLOSURE	NEMA 12 (same as IP55 & UL type 12)
POWER DISCONNECT SWITCH	Included standard. Fused Disconnect Switch optional with three phase input voltage.
HARMONIC SUPPRESSION	Integrated non-saturating dual DC link reactors provide better harmonic performance than a 5% AC line reactor.
COOLING	Fan-cooled through temperature controlled and easy replacement.
AMBIENT TEMPERATURE RATING	14°F to 113°F (-10°C to 45°C)
COMMUNICATION PROTOCOLS	BACnet, Modbus RTU, N2 Metasys, FLN Apogee
ANALOG INPUTS	2 configurable for either voltage (0 to 10VDC) or current(0/4 to 20mA)
ANALOG OUTPUTS	1 (0/4 to 20mA) up to 500 ohm load accurate to 1% of full scale
DIGITAL INPUTS	4 (0 to 24VDC), NPN or PNP, 0 to 24VDC, on 5 msec scan interval, Up to 2 can be configured as pulse inputs.
DIGITAL OUTPUTS	2 (0 to 24VDC), 40mA max current, configurable as pulse outputs.
RELAY OUTPUTS	2 programmable, 240VAC or 400VAC up to 2 A
MINIMUM CONTROL HEAD	_____ ft (default set to 40% of design head if not unknown)





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Series e-80 2x2x9.5C Close Coupled In-Line Centrifugal Pump
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DIMENSIONS - Inches (mm)

STANDARD SEAL

MOTOR FRAME	VFD	Rv	Zv	W	Hv	Xv
145JM	A5	11.78 (299)	12.31 (313)	9.50 (241)	29.39 (747)	0.44 (11)
	B1	14.07 (357)	13.91 (353)	9.50 (241)	31.74 (806)	2.04 (52)
182JM	A5	12.78 (325)	13.19 (335)	9.50 (241)	28.59 (726)	0.06 (2)
	B1	15.07 (383)	14.79 (376)	9.50 (241)	29.59 (752)	1.66 (42)
184JM	A5	12.78 (325)	13.19 (335)	9.50 (241)	28.59 (726)	0.06 (2)
	B1	15.07 (383)	14.79 (376)	9.50 (241)	29.59 (752)	1.66 (42)
213JM	A5	13.53 (344)	13.83 (351)	9.50 (241)	31.95 (812)	0.44 (11)
	B1	15.84 (402)	15.84 (402)	9.50 (241)	33.55 (852)	1.63 (41)
	B2	15.84 (402)	15.84 (402)	9.50 (241)	39.29 (998)	1.63 (41)
215JM	A5	13.53 (344)	13.83 (351)	9.50 (241)	30.48 (774)	0.44 (11)
	B1	15.82 (402)	15.43 (392)	9.50 (241)	31.73 (806)	2.04 (52)
	B2	15.82 (402)	15.43 (392)	9.50 (241)	37.47 (952)	2.04 (52)
	C1	17.79 (452)	18.63 (473)	12.10 (307)	39.49 (1003)	5.24 (133)
254JM	B1	16.83 (427)	16.70 (424)	9.50 (241)	38.25 (972)	2.13 (54)
	B2	16.83 (427)	16.70 (424)	9.50 (241)	42.70 (1085)	2.13 (54)
	C1	18.80 (477)	19.90 (506)	12.10 (307)	43.96 (1117)	5.33 (135)
256JM	B1	16.83 (427)	16.70 (424)	9.50 (241)	37.63 (956)	2.13 (54)
	B2	16.83 (427)	16.70 (424)	9.50 (241)	42.08 (1069)	2.13 (54)
	C1	18.83 (478)	18.97 (482)	12.09 (307)	42.97 (1091)	4.03 (102)
	C2	19.61 (498)	21.27 (540)	14.59 (371)	47.63 (1210)	6.33 (161)
284JM	B1	17.58 (446)	17.36 (441)	9.50 (241)	37.00 (940)	2.50 (64)
	B2	17.58 (446)	17.36 (441)	9.50 (241)	41.46 (1053)	2.50 (64)
	C1	19.58 (497)	19.63 (498)	12.09 (307)	43.86 (1114)	4.41 (112)
	C2	20.36 (517)	21.93 (557)	14.59 (371)	47.01 (1194)	6.71 (170)
286JM	B2	17.58 (446)	17.36 (441)	9.50 (241)	42.95 (1091)	2.50 (64)
	C1	19.58 (497)	19.63 (498)	12.09 (307)	45.36 (1152)	4.41 (112)
	C2	20.36 (517)	21.93 (557)	14.59 (371)	48.51 (1232)	6.71 (170)
324JM	B2	18.58 (472)	18.22 (463)	9.50 (241)	42.30 (1074)	3.00 (76)
	C1	20.58 (523)	20.48 (520)	12.09 (307)	42.64 (1083)	4.91 (125)
	C2	21.58 (548)	21.95 (558)	14.59 (371)	47.20 (1199)	6.44 (164)

STUFFING BOX

MOTOR FRAME	VFD	Rv	Zv	W	Hv	Xv
145JP	A5	11.78 (299)	12.31 (313)	9.50 (241)	32.52 (826)	0.44 (11)
	B1	14.07 (357)	13.91 (353)	9.50 (241)	34.87 (886)	2.04 (52)
182JP	A5	12.78 (325)	13.19 (335)	9.50 (241)	31.72 (806)	0.06 (2)
	B1	15.07 (383)	14.79 (376)	9.50 (241)	32.72 (831)	1.66 (42)
184JP	A5	12.78 (325)	13.19 (335)	9.50 (241)	31.72 (806)	0.06 (2)
	B1	15.07 (383)	14.79 (376)	9.50 (241)	32.72 (831)	1.66 (42)
213JP	A5	13.53 (344)	13.83 (351)	9.50 (241)	35.83 (910)	0.44 (11)
	B1	15.84 (402)	15.84 (402)	9.50 (241)	37.42 (951)	1.63 (41)
	B2	15.84 (402)	15.84 (402)	9.50 (241)	43.16 (1096)	1.63 (41)
215JP	A5	13.53 (344)	13.83 (351)	9.50 (241)	34.36 (873)	0.44 (11)
	B1	15.82 (402)	15.43 (392)	9.50 (241)	35.61 (904)	2.04 (52)
	B2	13.53 (344)	13.83 (351)	9.50 (241)	40.10 (1019)	0.44 (11)
	C1	15.50 (394)	17.03 (433)	12.10 (307)	42.12 (1070)	3.64 (92)
254JP	B1	16.83 (427)	16.70 (424)	9.50 (241)	41.25 (1048)	2.13 (54)
	B2	16.83 (427)	16.70 (424)	9.50 (241)	45.58 (1158)	2.13 (54)
	C1	18.80 (477)	19.90 (506)	12.10 (307)	46.84 (1190)	5.33 (135)
256JP	B1	16.83 (427)	16.70 (424)	9.50 (241)	40.50 (1029)	2.13 (54)
	B2	16.83 (427)	16.70 (424)	9.50 (241)	44.95 (1142)	2.13 (54)
	C1	18.83 (478)	18.97 (482)	12.09 (307)	45.84 (1164)	4.03 (102)
	C2	19.61 (498)	21.27 (540)	14.59 (371)	50.50 (1283)	6.33 (161)
284JP	B1	17.58 (446)	17.36 (441)	9.50 (241)	39.88 (1013)	2.50 (64)
	B2	17.58 (446)	17.36 (441)	9.50 (241)	44.34 (1126)	2.50 (64)
	C1	19.58 (497)	19.63 (498)	12.09 (307)	46.73 (1187)	4.41 (112)
	C2	20.36 (517)	21.93 (557)	14.59 (371)	49.88 (1267)	6.71 (170)
286JP	B2	17.58 (446)	17.36 (441)	9.50 (241)	45.83 (1164)	2.50 (64)
	C1	19.58 (497)	19.63 (498)	12.09 (307)	48.23 (1225)	4.41 (112)
	C2	20.36 (517)	21.93 (557)	14.59 (371)	51.38 (1305)	6.71 (170)
324JP	B2	18.58 (472)	18.22 (463)	9.50 (241)	45.17 (1147)	3.00 (76)
	C1	20.58 (523)	20.48 (520)	12.09 (307)	45.52 (1156)	4.91 (125)
	C2	21.58 (548)	21.95 (558)	14.59 (371)	50.08 (1272)	6.44 (164)

NOTE: Drives with single phase input have three phase output and include three phase motors.

Kv=2 (50)

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