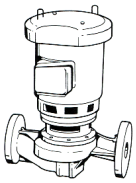
GOULDS WATER TECHNOLOGY
a xylem brand

SUBMITTAL

M-503.8

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



2.5x2.5x7B
Marlow Series e-580
In-Line Mounted Centrifugal Pumps

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 e-580-S)

MOUNTING

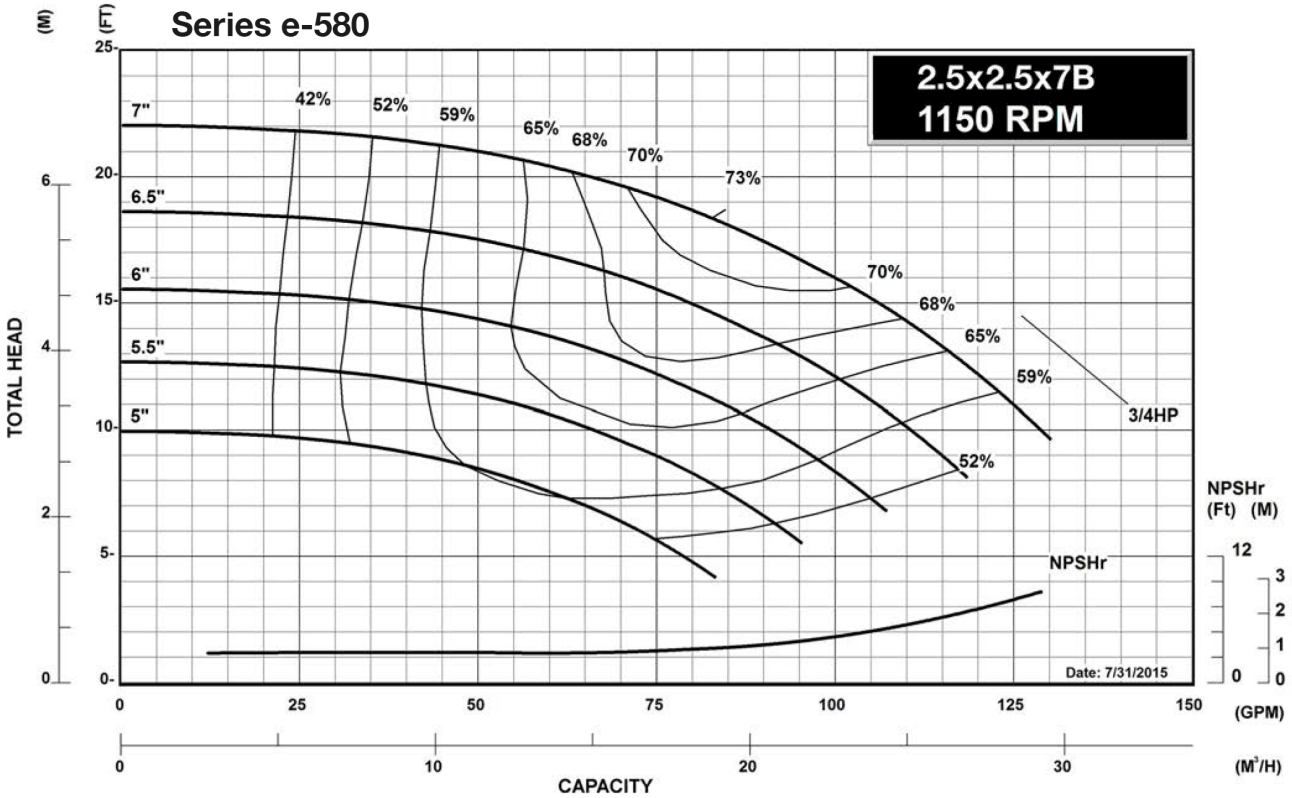
☐ In-Line Piping ☐ Flange Supports

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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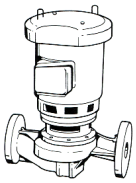


2.5x2.5x7B
Marlow Series e-580
In-Line Mounted Centrifugal Pumps

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 e-580-S)

MOUNTING

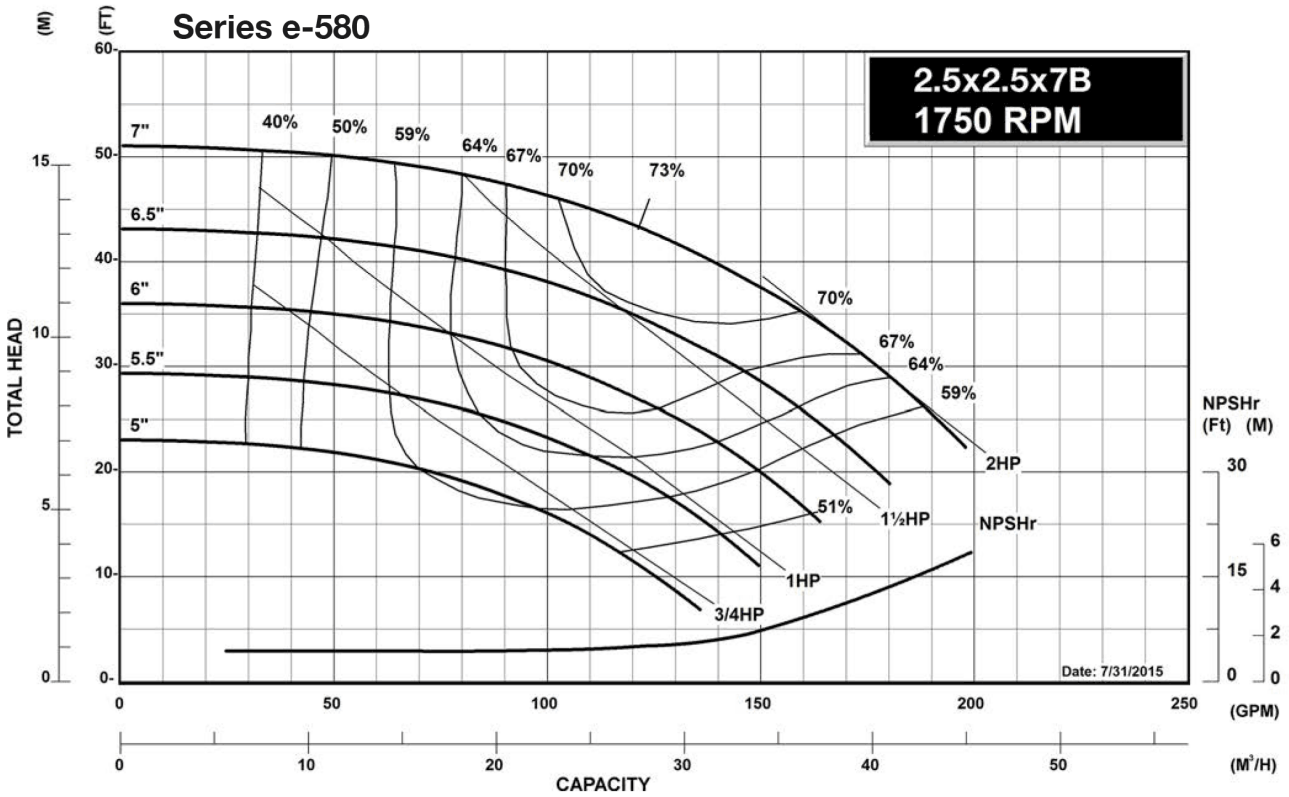
☐ In-Line Piping ☐ Flange Supports

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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SUBMITTAL

M-503.8

JOB:	**REPRESENTATIVE:**	
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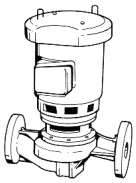


2.5x2.5x7B
Marlow Series e-580
In-Line Mounted Centrifugal Pumps

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 e-580-S)

MOUNTING

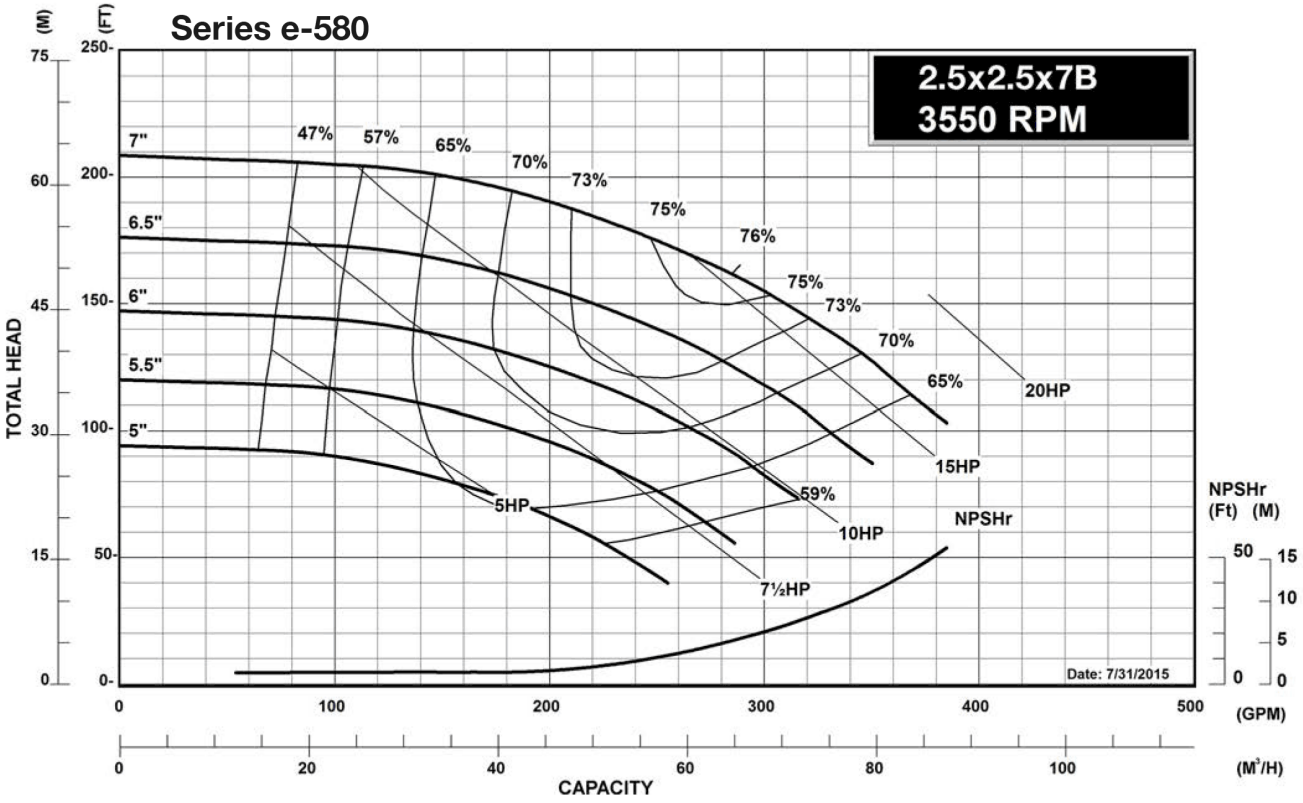
☐ In-Line Piping ☐ Flange Supports

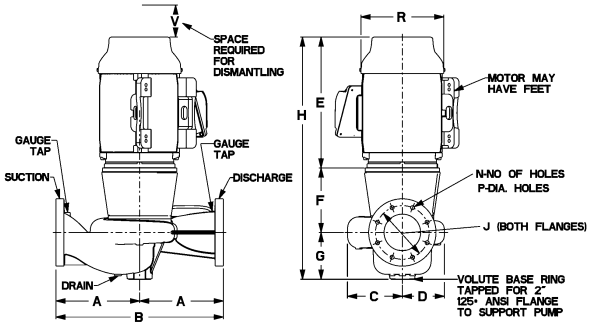
TYPE OF SEAL

☐ -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)





2.5x2.5x7B
Marlow Series e-580
Centrifugal Pump Submittal - 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	S (Max)*	V (min)	Suct/Disch Gauge Taps (NPT)	Drain Tap (NPT)
									J	N	P	J	N	P					
143JM	9.00	18.00	4.70	5.46	11.63	4.88	5.40	21.90	5.50	4	0.75	5.88	8	0.88	9.75	1.50	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(295)	(124)	(137)	(556)	(140)		(19)	(149)		(22)	(248)	(38)	(114)		
145JM	9.00	18.00	4.70	5.46	12.63	4.88	5.40	22.90	5.50	4	0.75	5.88	8	0.88	9.75	1.50	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(321)	(124)	(137)	(582)	(140)		(19)	(149)		(22)	(248)	(38)	(114)		
182JM	9.00	18.00	4.70	5.46	15.31	4.88	5.40	25.59	5.50	4	0.75	5.88	8	0.88	11.75	1.00	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(389)	(124)	(137)	(650)	(140)		(19)	(149)		(22)	(298)	(25)	(114)		
184JM	9.00	18.00	4.70	5.46	15.31	4.88	5.40	25.59	5.50	4	0.75	5.88	8	0.88	11.75	1.00	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(389)	(124)	(137)	(650)	(140)		(19)	(149)		(22)	(298)	(25)	(114)		
213JM	9.00	18.00	4.70	5.46	19.25	4.88	5.40	29.53	5.50	4	0.75	5.88	8	0.88	14.00	-	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(489)	(124)	(137)	(750)	(140)		(19)	(149)		(22)	(356)		(114)		
215JM	9.00	18.00	4.70	5.46	19.25	4.88	5.40	29.53	5.50	4	0.75	5.88	8	0.88	14.00	-	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(489)	(124)	(137)	(750)	(140)		(19)	(149)		(22)	(356)		(114)		
254JM	9.00	18.00	4.70	5.46	24.13	5.88	5.40	35.40	5.50	4	0.75	5.88	8	0.88	17.00	-	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(613)	(149)	(137)	(899)	(140)		(19)	(149)		(22)	(432)		(114)		

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					
143JP	9.00	18.00	4.70	5.46	11.63	8.00	5.40	25.03	5.50	4	0.75	5.88	8	0.88	9.75	1.50	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(295)	(203)	(137)	(636)	(140)		(19)	(149)		(22)	(248)	(38)	(114)		
145JP	9.00	18.00	4.70	5.46	12.63	8.00	5.40	26.03	5.50	4	0.75	5.88	8	0.88	9.75	1.50	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(321)	(203)	(137)	(661)	(140)		(19)	(149)		(22)	(248)	(38)	(114)		
182JP	9.00	18.00	4.70	5.46	15.31	8.00	5.40	28.71	5.50	4	0.75	5.88	8	0.88	11.75	1.00	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(389)	(203)	(137)	(729)	(140)		(19)	(149)		(22)	(298)	(25)	(114)		
184JP	9.00	18.00	4.70	5.46	15.31	8.00	5.40	28.71	5.50	4	0.75	5.88	8	0.88	11.75	1.00	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(389)	(203)	(137)	(729)	(140)		(19)	(149)		(22)	(298)	(25)	(114)		
213JP	9.00	18.00	4.70	5.46	19.25	8.75	5.40	33.40	5.50	4	0.75	5.88	8	0.88	14.00	-	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(489)	(222)	(137)	(848)	(140)		(19)	(149)		(22)	(356)		(114)		
215JP	9.00	18.00	4.70	5.46	19.25	8.75	5.40	33.40	5.50	4	0.75	5.88	8	0.88	14.00	-	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(489)	(222)	(137)	(848)	(140)		(19)	(149)		(22)	(356)		(114)		
254JP	9.00	18.00	4.70	5.46	24.13	8.75	5.40	38.28	5.50	4	0.75	5.88	8	0.88	17.00	-	4.50	0.25	0.25
	(229)	(457)	(119)	(139)	(613)	(222)	(137)	(972)	(140)		(19)	(149)		(22)	(432)		(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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www.gouldswatertechnology.com

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Let's Solve Water

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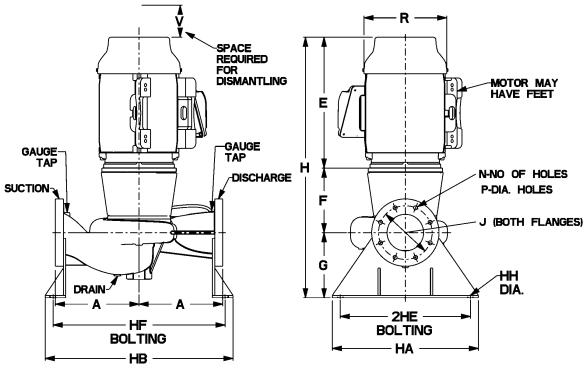

2.5x2.5x7B
Marlow Series e-580
Centrifugal Pump Submittal - Flange Support Mounting

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					
143JM	9.00	20.20	23.70	21.50	25.00	0.88	11.63	4.88	7.00	23.50	5.50	4	0.75	5.88	8	0.88	9.75	1.50	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(295)	(124)	(178)	(597)	(140)		(19)	(149)		(22)	(248)	(38)	(114)		
145JM	9.00	20.20	23.70	21.50	25.00	0.88	12.63	4.88	7.00	24.50	5.50	4	0.75	5.88	8	0.88	9.75	1.50	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(321)	(124)	(178)	(622)	(140)		(19)	(149)		(22)	(248)	(38)	(114)		
182JM	9.00	20.20	23.70	21.50	25.00	0.88	15.31	4.88	7.00	27.19	5.50	4	0.75	5.88	8	0.88	11.75	1.00	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(389)	(124)	(178)	(691)	(140)		(19)	(149)		(22)	(298)	(25)	(114)		
184JM	9.00	20.20	23.70	21.50	25.00	0.88	15.31	4.88	7.00	27.19	5.50	4	0.75	5.88	8	0.88	11.75	1.00	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(389)	(124)	(178)	(691)	(140)		(19)	(149)		(22)	(298)	(25)	(114)		
213JM	9.00	20.20	23.70	21.50	25.00	0.88	19.25	4.88	7.00	31.13	5.50	4	0.75	5.88	8	0.88	14.00	-	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(489)	(124)	(178)	(791)	(140)		(19)	(149)		(22)	(356)		(114)		
215JM	9.00	20.20	23.70	21.50	25.00	0.88	19.25	4.88	7.00	31.13	5.50	4	0.75	5.88	8	0.88	14.00	-	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(489)	(124)	(178)	(791)	(140)		(19)	(149)		(22)	(356)		(114)		
254JM	9.00	20.20	23.70	21.50	25.00	0.88	24.13	5.88	7.00	37.00	5.50	4	0.75	5.88	8	0.88	17.00	-	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(613)	(149)	(178)	(940)	(140)		(19)	(149)		(22)	(432)		(114)		

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					
143JP	9.00	20.20	23.70	21.50	25.00	0.88	11.63	8.00	7.00	26.63	5.50	4	0.75	5.88	8	0.88	9.75	1.50	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(295)	(203)	(178)	(676)	(140)		(19)	(149)		(22)	(248)	(38)	(114)		
145JP	9.00	20.20	23.70	21.50	25.00	0.88	12.63	8.00	7.00	27.63	5.50	4	0.75	5.88	8	0.88	9.75	1.50	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(321)	(203)	(178)	(702)	(140)		(19)	(149)		(22)	(248)	(38)	(114)		
182JP	9.00	20.20	23.70	21.50	25.00	0.88	15.31	8.00	7.00	30.31	5.50	4	0.75	5.88	8	0.88	11.75	1.00	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(389)	(203)	(178)	(770)	(140)		(19)	(149)		(22)	(298)	(25)	(114)		
184JP	9.00	20.20	23.70	21.50	25.00	0.88	15.31	8.00	7.00	30.31	5.50	4	0.75	5.88	8	0.88	11.75	1.00	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(389)	(203)	(178)	(770)	(140)		(19)	(149)		(22)	(298)	(25)	(114)		
213JP	9.00	20.20	23.70	21.50	25.00	0.88	19.25	8.75	7.00	35.00	5.50	4	0.75	5.88	8	0.88	14.00	-	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(489)	(222)	(178)	(889)	(140)		(19)	(149)		(22)	(356)		(114)		
215JP	9.00	20.20	23.70	21.50	25.00	0.88	19.25	8.75	7.00	35.00	5.50	4	0.75	5.88	8	0.88	14.00	-	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(489)	(222)	(178)	(889)	(140)		(19)	(149)		(22)	(356)		(114)		
254JP	9.00	20.20	23.70	21.50	25.00	0.88	24.13	8.75	7.00	39.88	5.50	4	0.75	5.88	8	0.88	17.00	-	4.50	0.25	0.25
	(229)	(513)	(602)	(546)	(635)	(22)	(613)	(222)	(178)	(1013)	(140)		(19)	(149)		(22)	(432)		(114)		

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