

MARINE CATALOG

Performance and Replacement Sleeves



Ryan Beckley
DoubleEdge Motorsports

Chrysler / Force, Honda, Mercury,
OMC, Suzuki, Tohatsu, Yamaha
PWC Arctic Cat, Kawasaki,
Polaris, Sea Doo, Yamaha

Custom
Sleeves
Available



At Advanced Sleeve we ensure superior performance for your specific application. We manufacture our sleeves from a wide range of materials made in America which are second to none in quality.

1-866-753-3832 ■ www.advancedsleeve.com ■ sales@advancedsleeve.com

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PWC 25



Chris Fairchild Racing

Custom Sleeves

Advanced Sleeve will custom manufacture sleeves to your exact specifications.

Advanced Sleeve will custom manufacture sleeves from 2.125" to 5.000" bore and lengths up to 8". From straight sleeves to the most complex sleeve designs, we have the technology and materials to help you get your job done correctly!





Custom Sleeve Order Form

998 Stevenson Rd., Ashtabula, OH 44004

sales@advancedsleeve.com

PHONE: 440-205-1055 TOLL FREE: 1-866-753-3832

FAX: 440-205-1056

Date _____

Name _____

Address _____

City _____

State _____ Zip Code _____

Phone _____

Fax _____

Email _____

Sleeve Description

Make _____

Model _____

Year _____

Quantity _____

Material

Gray Iron _____ Ductile Iron _____ Alum _____

A: Flange Diameter _____

B: Flange Thickness _____

C: Sleeve O.D. _____

D: Finished Bore Diameter _____

E: Rough Bore Diameter _____

F: Sleeve Relief Diameter _____

G: Sleeve Relief Height _____

H: O.A.L. _____

Attention: Advanced Sleeve requires your signature to verify your sleeve parameters prior to order processing.

Signature _____

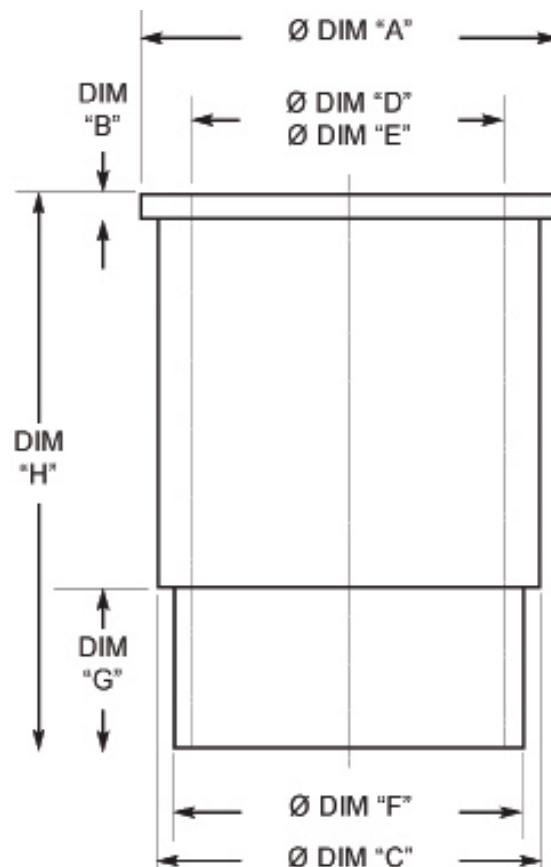
Print Name _____

Date _____

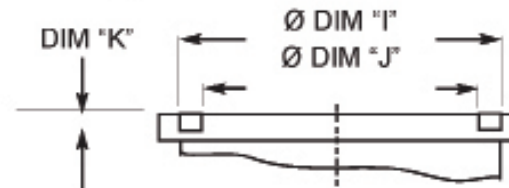
INTERNAL USE ONLY

Part number _____

Important: 2-Cycle applications require a drawing, sample sleeve, or cylinder for proper port specifications.



O-Ring Groove if Applicable



I: O-Ring Groove O.D. _____

J: O-Ring Groove I.D. _____

K: Groove Depth _____

Flats

L: _____

Qty. Double _____

Qty. Single _____



Superior Materials

Gray Iron

An excellent choice for general cylinder wall repairs. Our gray iron features no porosity and excellent ring seal. Gray iron is our most widely used material. It is used in markets ranging from powersports to automotive.

Ductile Iron

If your application requires the ultimate in strength then we would use our strong, continuous cast ductile iron, also known as nodular iron. Our ductile iron sleeves help restore column strength and rigidity to your block thus promoting excellent bore integrity and strength.

Forged Aluminum

Aluminum sleeves reduce engine weight and are designed for all-out performance. Available for today's current plating technologies, our aluminum sleeves are made from an alloy which has an excellent machinability and a higher silicon content to promote plating adhesion.





Marine Sleeves

CHRYSLER/FORCE

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1011SA	76-04	3.000"	20, 25, 28, 30, 40	3" Crossflow 2 Cyl.	3.125"	None	None	5.250"	N	CS
1011SB	76-04	3.000"	20, 25, 28, 30, 40	3" Crossflow 2 Cyl.	3.188"	None	None	5.250"	N	CS
1011SC	76-04	3.000"	20, 25, 28, 30, 40	3" Crossflow 2 Cyl.	3.250"	None	None	5.250"	N	CS
1064SA	All	3.187"	40,50	3 3/16" Crossflow 2 Cyl.	3.313"	None	None	5.500"	N	CS
1064SB	All	3.187"	40,50	3 3/16" Crossflow 2 Cyl.	3.333"	None	None	5.500"	N	CS
1064SC	All	3.187"	40,50	3 3/16" Crossflow 2 Cyl.	3.353"	None	None	5.500"	N	CS
1127SA	All	3.327"	60	2 Cyl.	3.750"	None		5.225"		CS
1015FA	All	3.312"	70, 90, 100, 125, 150	3 5/16" Crossflow 3 Cyl.	3.440"	1.180"	None	5.565"	N	CS
1015SA	All	3.312"	70, 90, 100, 125, 150	3 5/16" Crossflow 3 Cyl.	3.440"	None	None	5.565"	N	CS
1015SB	All	3.312"	70, 90, 100, 125, 150	3 5/16" Crossflow 3 Cyl.	3.503"	None	None	5.565"	N	CS
1015SC	All	3.312"	70, 90, 100, 125, 150	3 5/16" Crossflow 3 Cyl.	3.565"	1.000"	None	5.565"	N	CS
1049FA	All	3.375"	90, 115, 140, 150	3 3/8" Crossflow 3 & 4 Cyl.	3.500"	None	None	5.510"	N	CS
1049SA	All	3.375"	90, 115, 140, 150	3 3/8" Crossflow 3 & 4 Cyl.	3.500"	None	None	5.510"	N	CS
1049SB	All	3.375"	90, 115, 140, 150	3 3/8" Crossflow 3 & 4 Cyl.	3.563"	None	None	5.510"	N	CS

HONDA

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1158SA	2000	2.748"	50	4 Stroke 3 Cyl.	3.000"	None	None	4.625"	N	
1158SB	2000	2.748"	50	4 Stroke 3 Cyl.	3.020"	None	None	4.625"	N	
1246SA	All	3.265"	75	4 Stroke	3.265"	None	None	5.625"	N	
1157SA	96-06	3.386"	130	4 Stroke 4 Cyl.	3.511"	None	None	6.00"	N	
1157SB	96-06	3.386"	130	4 Stroke 4 Cyl.	3.531"	None	None	6.000"	N	
1214SA	All	3.700"	150	4 Stroke	3.875"	None	None	5.800"	N	
1196SA	All	3.500"	225	4 Stroke 6 Cyl.	3.660"	None	None	5.225"	N	
1196SB	All	3.500"	225	4 Stroke 6 Cyl.	3.680"	None	None	5.225"	N	
1196SC	All	3.500"	225	4 Stroke 6 Cyl.	3.700"	None	None	5.225"	N	

MERCURY

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1072SA	84-04	2.561"	10, 18, 20, 25	Mercasil Block 2 and 3 Cyl.	2.753"	None	1.635"	4.690"	Y	CR
1072SB	84-04	2.561"	10, 18, 20, 25	Mercasil Block 2 and 3 Cyl.	2.773"	None	1.635"	4.690"	Y	CR
1018SA	75-15	2.875"	35	2 7/8" Crossflow 2 Cyl.	3.003"	None	None	4.875"	N	CS
1018SB	75-15	2.875"	35	2 7/8" Crossflow 2 Cyl.	3.128"	None	None	4.875"	N	CS
1200SA	94-04	2.993"	40	2 Cyl. Sea Pro	3.200"	None	1.800"	5.585"	Y	RS
1200SB	94-04	2.993"	40	2 Cyl. Sea Pro	3.220"	None	1.800"	5.585"	Y	RS
1260SA	94-04	2.993"	40	1200 Series Without Comp. Notch	3.200"	None	1.800"	5.585"	N	
1115SA	98-06	2.993"	35, 40, 50	3 Cyl.	3.200"	None	1.930"	5.585"	Y	RS
1115SB	98-06	2.993"	35, 40, 50	3 Cyl.	3.220"	None	1.930"	5.585"	Y	RS
1115SC	98-06	2.993"	35, 40, 50	3 Cyl.	3.240"	None	1.930"	5.585"	Y	RS
1177SA	90-97	2.955"	40	3 Cyl.	3.200"	None	1.755"	5.280"	Y	RS
1177SB	90-97	2.955"	40	3 Cyl.	3.220"	None	1.755"	5.280"	Y	RS
1177SC	90-97	2.955"	40	3 Cyl.	3.240"	None	1.755"	5.280"	Y	RS
1032SA	70-95	2.565"	40, 45, 50	Classic Series	2.688"	None	None	4.688"	N	CS
1032SB	70-95	2.565"	40, 45, 50	Classic Series	2.813"	None	None	4.688"	N	CS
1021SA	72-90	2.875"	50, 60, 65, 70, 115	Inline 3 Cyl.	3.003"	None	1.690"	4.875"	N	CS
1021SB	72-90	2.875"	50, 60, 65, 70, 115	Inline 3 Cyl.	3.128"	None	1.690"	4.875"	N	CS
1062SA	91-97	2.955"	50, 60	3 Cyl. Bracket Engine w/Finger Ports 52 cid	3.200"	None	1.700"	5.280"	Y	RS
1062SB	91-97	2.955"	50, 60	3 Cyl. Bracket Engine w/Finger Ports 52 cid	3.220"	None	1.700"	5.280"	Y	RS
1062SC	91-97	2.955"	50, 60	3 Cyl. Bracket Engine w/Finger Ports 52 cid	3.240"	None	1.700"	5.280"	Y	RS
1211SA	98-04	2.993"	60	3 Cyl. 59 cid	3.200"	None	1.875"	5.585"	Y	RS
1211SB	98-04	2.993"	60	3 Cyl. 59 cid	3.220"	None	1.875"	5.585"	Y	RS
1266SA	98-04	2.993"	60	1211SA w/o Comp. Notch	3.200"	None	1.870"	5.585"	N	RS

MERCURY

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1123SA	98-04	2.953"	50, 60	3 Cyl. w/Finger Ports	3.200"	None	1.710"	5.280"	Y	RS
1123SB	98-04	2.953"	50, 60	3 Cyl. w/Finger Ports	3.220"	None	1.710"	5.280"	Y	RS
1035SA	83-08	3.228"	75, 85, 90	3 Cyl.	3.434"	N/A	1.815"	5.565"	Y	RS
1035SB	83-08	3.228"	75, 85, 90	3 Cyl.	3.454"	N/A	1.815"	5.565"	Y	RS
1035SB	83-08	3.854"	90	w/o Comp. Notch	4.075"	0.125"	1.685"	5.460"	N	RS
1018SA	75-15	2.875"	35, 60, 65, 70, 75, 80	2 7/8" Crossflow 2 Cyl.	3.003"	None	None	4.875"	N	CS
1018SB	75-15	2.875"	35, 60, 65, 70, 75, 80	2 7/8" Crossflow 2 Cyl.	3.128"	None	None	4.875"	N	CS
1021SA	72-90	2.875"	50, 60, 65, 70, 115	Inline 3 Cyl.	3.003"	None	1.690"	4.875"	N	CS
1021SB	72-90	2.875"	50, 60, 65, 70, 115	Inline 3 Cyl.	3.128"	None	1.690"	4.875"	N	CS
1062SA	91-97	2.955"	50, 60	3 Cyl. Bracket Engine w/Finger Ports 52 cid	3.200"	None	1.700"	5.280"	Y	RS
1062SB	91-97	2.955"	50, 60	3 Cyl. Bracket Engine w/Finger Ports 52 cid	3.220"	None	1.700"	5.280"	Y	RS
1062SC	91-97	2.955"	50, 60	3 Cyl. Bracket Engine w/Finger Ports 52 cid	3.240"	None	1.700"	5.280"	Y	RS
1123SA	98-04	2.953"	50, 60	3 Cyl. w/Finger Ports	3.200"	None	1.710"	5.280"	Y	RS
1123SB	98-04	2.953"	50, 60	3 Cyl. w/Finger Ports	3.220"	None	1.710"	5.280"	Y	RS
1050SA	87-93	3.375"	70, 75, 80	3 Cyl.	3.642"	None	1.680"	5.490"	Y	RS
1050SB	87-93	3.375"	70, 75, 80	3 Cyl.	3.662"	None	1.680"	5.490"	Y	RS
1222SA	87-93	3.375"	70, 75, 80	3 Cyl. (1050 w/Smaller OD)	3.585"	None	1.675"	5.490"	Y	RS
1176SA		3.375"	70, 75	3 and 4 Cyl.	3.642"	None	1.745"	5.490"	Y	RS
1176SB		3.375"	70, 75	3 and 4 Cyl.	3.662"	None	1.745"	5.490"	Y	RS
1022SA	73-84	2.875"	80, 85	Inline 4 Cyl.	3.003"	None	1.815"	4.875"	N	CS
1022SB	73-84	2.875"	80, 85	Inline 4 Cyl.	3.128"	None	1.818"	4.875"	N	CS
1101SA	94-04	3.500"	90	3 Cyl. (Compression Notch .275 Wide)	3.766"	None	1.885"	5.770"	Y	RS
1101SB	94-04	3.500"	90	3 Cyl. (Compression Notch .275 Wide)	3.786"	None	1.885"	5.770"	Y	RS
1150SA	94-04	3.500"	75, 90	3 Cyl. (Compression Notch .250 Wide)	3.766"	None	1.885"	5.775"	Y	RS
1150SB	94-04	3.500"	75, 90	3 Cyl. (Compression Notch .250 Wide)	3.786"	None	1.885"	5.775"	Y	RS
1245SA	04-12	3.625"	75	1.5L Opti Max 3 Cyl.	3.884"	None	1.615"	5.975"	N	RS
1245SB	04-12	3.625"	75	1.5L Opti Max 3 Cyl.	3.904"	None	1.615"	5.975"	N	RS
1043SA	68-74	2.875"	80	4 Cyl.	3.003"	None	1.810"	4.875"	N	CS
1043SB	68-74	2.875"	80	4 Cyl.	3.128"	None	1.810"	4.875"	N	CS
1022SA	73-84	2.875"	80, 85	Inline 4 Cyl.	3.003"	None	1.815"	4.875"	N	CS
1022SB	73-84	2.875"	80, 85	Inline 4 Cyl.	3.128"	None	1.818"	4.875"	N	CS
1051SA	87-93	3.375"	85	3 Cyl.	3.642"	None	1.625"	5.490"	Y	RS
1051SB	87-93	3.375"	85	3 Cyl.	3.662"	None	1.625"	5.490"	Y	RS
1051SC	87-93	3.375"	85	3 Cyl.	3.682"	None	1.625"	5.490"	Y	RS
1019SA	78-83	2.875"	90	6 Cyl.	3.003"	None	1.690"	4.875"	N	CS
1019SB	78-83	2.875"	90	6 Cyl.	3.128"	None	1.690"	4.875"	N	CS
1137SA	87-93	3.375"	90	3 Cyl.	3.642"	None	1.635"	5.490"	N	RS
1137SB	87-93	3.375"	90	3 Cyl.	3.662"	None	1.635"	5.490"	N	RS
1101SA	94-04	3.500"	90	3 Cyl.	3.766"	None	1.885"	5.770"	N	RS
1101SB	94-04	3.500"	90	3 Cyl.	3.786"	None	1.885"	5.770"	N	RS
1150SA	94-04	3.500"	75, 90	3 Cyl.	3.766"	None	1.880"	5.775"	Y	RS
1150SB	94-04	3.500"	75, 90	3 Cyl.	3.786"	None	1.880"	5.775"	Y	RS
1020SA	70-81	2.875"	115	3 Cyl.	3.003"	None	1.690"	4.875"	M	CS
1020SB	70-81	2.875"	115	3 Cyl.	3.128"	None	1.690"	4.875"	N	CS
1042SA	84-88	2.875"	115	4 Cyl.	3.003"	None	1.655"	4.875"	N	CS
1042SB	84-88	2.875"	115	4 Cyl.	3.128"	None	1.655"	4.875"	N	CS
1189SA	04-14	3.622"	90, 115	Opti Max	3.884"	None	1.585"	5.975"	N	RS
1189SB	04-14	3.622"	90, 115	Opti Max	3.904"	None	1.585"	5.975"	N	RS
1189SC	04-14	3.622"	90, 115	Opti Max	3.924"	None	1.585"	5.975"	N	RS
1061SA	87-93	3.375"	100, 115	4 Cyl.	3.642"	None	1.760"	5.775"	N	RS
1061SB	87-93	3.375"	100, 115	4 Cyl.	3.662"	None	1.760"	5.775"	N	RS
1075SA	94-05	3.500"	100, 115, 125	4 Cyl.	3.765"	None	1.865"	5.770"	N	RS
1075SB	94-05	3.500"	100, 112, 125	4 Cyl.	3.785"	None	1.865"	5.770"	N	RS
1075SA	94-05	3.500"	100, 115, 125	4 Cyl.	3.765"	None	1.865"	5.770"	N	RS
1075SB	94-05	3.500"	100, 112, 125	4 Cyl.	3.785"	None	1.865"	5.770"	N	RS
1026FA	79-98	3.125"	135, 150	2.0L XR2 6 Cyl.	3.313"	0.200"	1.675"	5.545"	N	CS
1026SA	79-98	3.125"	135, 150	2.0L XR2 6 Cyl.	3.313"	None	1.675"	5.545"	N	CS
1026SB	79-98	3.125"	135, 150	2.0L XR2 6 Cyl.	3.375"	None	1.675"	5.545"	N	CS
1132SA	98-04	3.500"	135	2.5L 6 Cyl.	3.693"	None	1.650"	5.275"	N	RS
1132SB	98-04	3.500"	135	2.5L 6 Cyl.	3.613"	None	1.650"	5.275"	N	RS

MERCURY

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1212PSA	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Portside	3.693"	None	1.760"	5.320"	N	RS
1212PSB	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Portside	3.713"	None	1.760"	5.320"	N	RS
1212PSC	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Portside	3.733"	None	1.760"	5.320"	N	RS
1212SSA	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Starboard	3.693"	None	1.760"	5.320"	N	RS
1212SSB	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Starboard	3.713"	None	1.760"	5.320"	N	RS
1212SSC	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Starboard	3.733"	None	1.760"	5.320"	N	RS
1070FB	89-92	3.375"	150	XR4 6 Cyl.	3.577"	0.250"	1.640"	5.355"	N	RS
1070SA	89-92	3.375"	150	XR4 6 Cyl.	3.557"	None	1.640"	5.355"	N	RS
1070SB	89-92	3.375"	150	XR4 6 Cyl.	3.577"	None	1.640"	5.355"	N	RS
1070SC	89-92	3.375"	150	XR4 6 Cyl.	3.597"	None	1.640"	5.355"	N	RS
1070SD	89-92	3.375"	150	XR4 6 Cyl.	3.617"	None	1.640"	5.355"	N	RS
1021SA	72-90	2.875"	50, 60, 65, 70, 115	Inline 3 Cyl.	3.003"	None	1.690"	4.875"	N	CS
1021SB	72-90	2.875"	50, 60, 65, 70, 115	Inline 3 Cyl.	3.128"	None	1.690"	4.875"	N	CS
1071FB	92-04	3.500"	150, 175	2.5L 6 Cyl. XR6	3.133"	.250"	1.735"	5.275"	Y	RS
1071SA	92-04	3.500"	150, 175	2.5L 6 Cyl. XR6	3.693"	None	1.735"	5.275"	Y	RS
1071SB	92-04	3.500"	150, 175	2.5L 6 Cyl. XR6	3.713"	None	1.735"	5.275"	Y	RS
1071SC	92-04	3.500"	150, 175	2.5L 6 Cyl. XR6	3.733"	None	1.735"	5.275"	Y	RS
1143SA	97-04	3.500"	150	2.5L Opti Max 6 Cyl. EFI	3.693"	None	1.755"	5.320"	N	RS
1143SB	97-04	3.500"	150	2.5L Opti Max 6 Cyl. EFI	3.713"	None	1.755"	5.320"	N	RS
1139SA	00-06	3.500"	150	2.5L 6 Cyl.	3.693"	None	1.790"	5.320"	Y	RS
1139SB	00-06	3.500"	150	2.5L 6 Cyl.	3.713"	None	1.790"	5.320"	Y	RS
1139SC	00-06	3.500"	150	2.5L 6 Cyl.	3.733"	None	1.790"	5.320"	Y	RS
1212PSA	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Portside	3.693"	None	1.760"	5.320"	N	RS
1212PSB	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Portside	3.713"	None	1.760"	5.320"	N	RS
1212PSC	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Portside	3.733"	None	1.760"	5.320"	N	RS
1212SSA	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Starboard	3.693"	None	1.760"	5.320"	N	RS
1212SSB	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Starboard	3.713"	None	1.760"	5.320"	N	RS
1212SSC	05-11	3.500"	135, 150	2.5L Opti Max 6 Cyl. Starboard	3.733"	None	1.760"	5.320"	N	RS
1026FA	79-98	3.125"	135, 150	2.0L XR2 6 Cyl.	3.313"	0.200"	1.675"	5.545"	N	CS
1026SA	79-98	3.125"	135, 150	2.0L XR2 6 Cyl.	3.313"	None	1.675"	5.545"	N	CS
1026SB	79-98	3.125"	135, 150	2.0L XR2 6 Cyl.	3.375"	None	1.675"	5.545"	N	CS
1146SA	91-92	3.375"	175	XR4 6 Cyl.	3.557"	None	1.700"	5.384"	Y	CS
1146SB	91-92	3.375"	175	XR4 6 Cyl.	3.577"	None	1.700"	5.384"	Y	CS
1027FA	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.565"	None	1.625"	5.550"	N	CR
1027FB	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.585"	0.250"	1.625"	5.550"	N	CR
1027FC	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.628"	0.250"	1.625"	5.550"	N	CR
1027SA	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.565"	None	1.625"	5.550"	N	CR
1027SB	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.585"	None	1.625"	5.550"	N	CR
1027SC	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.628"	None	1.625"	5.550"	N	CR
1044SA	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.565"	None	1.625"	5.410"	N	CR
1044SB	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.585"	None	1.625"	5.410"	N	CR
1044SC	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.628"	None	1.625"	5.410"	N	CR
1041FA	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.693"	0.250"	1.615"	5.275"	N	RS
1041FB	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.713"	0.250"	1.615"	5.275"	N	RS
1041FC	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.733"	0.250"	1.615"	5.275"	N	RS
1041SA	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.693"	None	1.615"	5.275"	N	RS
1041SB	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.713"	None	1.615"	5.275"	N	RS
1041SC	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.733"	None	1.615"	5.275"	N	RS
1216FA	92-05	3.500"	175, 200	2.5L 6 Cyl. (1041FA w/ 1" Flange)	3.693"	1.000"	1.510"	5.275"	N	RS
1071FB	92-04	3.500"	150, 175	2.5L 6 Cyl. XR6	3.133"	.250"	1.735"	5.275"	Y	RS
1071SA	92-04	3.500"	150, 175	2.5L 6 Cyl. XR6	3.693"	None	1.735"	5.275"	Y	RS
1071SB	92-04	3.500"	150, 175	2.5L 6 Cyl. XR6	3.713"	None	1.735"	5.275"	Y	RS
1095SA	96-00	3.500"	175	2.5L 6 Cyl.	3.693"	None	1.655"	5.275"	Y	RS
1095SB	96-00	3.500"	175	2.5L 6 Cyl.	3.713"	None	1.655"	5.275"	Y	RS
1095SC	96-00	3.500"	175	2.5L 6 Cyl.	3.733"	None	1.655"	5.275"	Y	RS
1138SA	00-04	3.500"	175	2.5L 6 Cyl.	3.693"	None	1.700"	5.325"	Y	RS
1138SB	00-04	3.500"	175	2.5L 6 Cyl.	3.713"	None	1.700"	5.325"	Y	RS
1138SC	00-04	3.500"	175	2.5L 6 Cyl.	3.693"	None	1.700"	5.325"	Y	RS
1254PSA	07	3.500"	175	XS Pro Portside	3.693"	None	1.641"	5.325"	N	RS
1254SSA	07	3.500"	175	XS Pro Starboard	3.693"	None	1.641"	5.325"	N	RS
1252PSA	04-11	3.500"	175	2.5L Opti Max 6 Cyl. Portside	3.693"	None	1.645"	5.320"	N	RS

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Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1252PSB	04-11	3.500"	175	2.5L Opti Max 6 Cyl. Portside	3.713"	None	1.645"	5.320"	N	RS
1252PSC	04-11	3.500"	175	2.5L Opti Max 6 Cyl. Portside	3.733"	None	1.645"	5.320"	N	RS
1252SSA	04-11	3.500"	175	2.5L Opti Max 6 Cyl. Starboard	3.693"	None	1.645"	5.320"	N	RS
1252SSB	04-11	3.500"	175	2.5L Opti Max 6 Cyl. Starboard	3.713"	None	1.645"	5.320"	N	RS
1252SSC	04-11	3.500"	175	2.5L Opti Max 6 Cyl. Starboard	3.733"	None	1.645"	5.320"	N	RS
1048FA	87-91	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.565"	0.250"	1.620"	5.550"	N	CR
1048FB	87-91	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.585"	0.250"	1.620"	5.550"	N	CR
1048FC	87-91	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.628"	0.250"	1.620"	5.550"	N	CR
1048SA	78-82	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.565"	None	1.620"	5.550"	N	CR
1048SB	78-82	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.585"	None	1.620"	5.550"	N	CR
1048SC	78-82	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.628"	None	1.620"	5.550"	N	CR
1027FA	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.565"	None	1.625"	5.550"	N	CR
1027FB	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.585"	0.250"	1.625"	5.550"	N	CR
1027FC	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.628"	0.250"	1.625"	5.550"	N	CR
1027SA	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.565"	None	1.625"	5.550"	N	CR
1027SB	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.585"	None	1.625"	5.550"	N	CR
1027SC	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.628"	None	1.625"	5.550"	N	CR
1044SA	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.565"	None	1.625"	5.410"	N	CR
1044SB	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.585"	None	1.625"	5.410"	N	CR
1044SC	82-92	3.375"	175, 200	2.4L 6 Cyl.	3.628"	None	1.625"	5.410"	N	CR
1151SA	86-87	3.375"	200	2.4L 6 Cyl.	3.565"	None	1.655"	5.550"	N	CR
1149SA	00-04	3.375"	200	2.5L 6 Cyl. w/ 2 Oiling Holes Under Finger Ports	3.693"	None	1.645"	5.320"	N	RS
1149SB	00-04	3.375"	200	2.5L 6 Cyl. w/ 2 Oiling Holes Under Finger Ports	3.713"	None	1.645"	5.320"	N	RS
1047FA	87-91	3.375"	200	2.4L 6 Cyl. Bridgeport	3.565"	0.250"	1.590"	5.550"	N	CR
1047FB	87-91	3.375"	200	2.4L 6 Cyl. Bridgeport	3.585"	0.250"	1.590"	5.550"	N	CR
1047FC	87-91	3.375"	200	2.4L 6 Cyl. Bridgeport	3.628"	0.250"	1.590"	5.550"	N	CR
1047SA	87-91	3.375"	200	2.4L 6 Cyl. Bridgeport	3.565"	None	1.590"	5.550"	N	CR
1047SB	87-91	3.375"	200	2.4L 6 Cyl. Bridgeport	3.585"	None	1.590"	5.550"	N	CR
1047SC	87-91	3.375"	200	2.4L 6 Cyl. Bridgeport	3.628"	None	1.590"	5.550"	N	CR
1114SA	78-82	3.375"	200	2.4L 6 Cyl. Bridgeport Short	3.565"	None	1.452"	5.420"	N	RS
1041FA	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.693"	0.250"	1.615"	5.275"	N	RS
1041FB	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.713"	0.250"	1.615"	5.275"	N	RS
1041FC	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.733"	0.250"	1.615"	5.275"	N	RS
1041SA	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.693"	None	1.615"	5.275"	N	RS
1041SB	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.713"	None	1.615"	5.275"	N	RS
1041SC	90-95	3.500"	175, 200	2.5L 6 Cyl.	3.733"	None	1.615"	5.275"	N	RS
1216FA	92-05	3.500"	175, 200	2.5L 6 Cyl. (1041FA w/ 1" Flange)	3.693"	1.000"	1.510"	5.275"	N	RS
1092FB	96-00	3.500"	200	2.5L 6 Cyl.	3.713"	.250"	1.595"	5.275"	N	RS
1092SA	96-00	3.500"	200	2.5L 6 Cyl.	3.693"	None	1.595"	5.275"	N	RS
1092SB	96-00	3.500"	200	2.5L 6 Cyl.	3.713"	None	1.595"	5.275"	N	RS
1092SC	96-00	3.500"	200	2.5L 6 Cyl.	3.733"	None	1.595"	5.275"	N	RS
1207FA	96-00	3.500"	200	2.5L 6 Cyl. (1092FA w/ 1" Flange)	3.693"	1.000"	1.595"	5.275"	N	RS
1207FB	96-00	3.500"	200	2.5L 6 Cyl. (1092FB w/ 1" Flange)	3.713"	1.000"	1.595"	5.275"	N	RS
1207FC	96-00	3.500"	200	2.5L 6 Cyl. (1092FC w/ 1" Flange)	3.733"	1.000"	1.595"	5.275"	N	RS
1124SA	99-09	3.500"	200	2.5L 6 Cyl.	3.693"	None	1.635"	5.320"	N	RS
1124SB	99-09	3.500"	200	2.5L 6 Cyl.	3.703"	None	1.635"	5.320"	N	RS
1124SC	99-09	3.500"	200	2.5L 6 Cyl.	3.723"	None	1.635"	5.320"	N	RS
1208FA	99-09	3.500"	200	2.5L 6 Cyl. (1124FA w/ 1" Flange)	3.693"	1.000"	1.635"	5.280"	N	RS
1241SA	06-12	3.500"	200	SST200 200XS Opti Max 6 Cyl.	3.693"	None	1.585"	5.320"	N	RS
1241SB	06-12	3.500"	200	SST200 200XS Opti Max 6 Cyl.	3.713"	None	1.585"	5.320"	N	RS
1241SC	06-12	3.500"	200	SST200 200XS Opti Max 6 Cyl.	3.733"	None	1.585"	5.320"	N	RS
1148PSA	98-04	3.625"	200, 250	3.0L Opti Max 6 Cyl. Portside	3.884"	None	1.805"	6.195"	N	RS
1148PSB	98-04	3.625"	200, 250	3.0L Opti Max 6 Cyl. Portside	3.904"	None	1.805"	6.195"	N	RS

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Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1148SSA	98-04	3.625"	200, 250	3.0L Opti Max 6 Cyl. Starboard	3.885"	None	1.805"	6.195"	N	RS
1148SSB	98-04	3.625"	200, 250	3.0L Opti Max 6 Cyl. Starboard	3.904"	None	1.805"	6.195"	N	RS
1077SA	89-91	3.375"	220	XRI Laser 6 Cyl.	3.565"	None	1.635"	5.550"	N	CR
1077SB	89-91	3.375"	220	XRI Laser 6 Cyl.	3.585"	None	1.635"	5.550"	N	CR
1077SC	89-91	3.375"	220	XRI Laser 6 Cyl.	3.605"	None	1.635"	5.550"	N	CR
1178PSA	98-08	3.625"	200	3.0L Opti Max 6 Cyl. Portside	3.884"	None	1.895"	6.195"	N	RS
1178PSB	98-08	3.625"	200	3.0L Opti Max 6 Cyl. Portside	3.904"	None	1.895"	6.195"	N	RS
1178PSC	98-08	3.625"	200	3.0L Opti Max 6 Cyl. Portside	3.924"	None	1.895"	6.195"	N	RS
1178SSA	98-08	3.625"	200	3.0L Opti Max 6 Cyl. Starboard	3.884"	None	1.895"	6.195"	N	RS
1178SSB	98-08	3.625"	200	3.0L Opti Max 6 Cyl. Starboard	3.904"	None	1.895"	6.195"	N	RS
1178SSC	98-08	3.625"	200	3.0L Opti Max 6 Cyl. Starboard	3.924"	None	1.895"	6.195"	N	RS
1048FA	87-91	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.565"	0.250"	1.620"	5.550"	N	CR
1048FB	87-91	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.585"	0.250"	1.620"	5.550"	N	CR
1048FC	87-91	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.628"	0.250"	1.620"	5.550"	N	CR
1048SA	78-82	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.565"	None	1.620"	5.550"	N	CR
1048SB	78-82	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.585"	None	1.620"	5.550"	N	CR
1048SC	78-82	3.375"	200	2.4L 6 Cyl. w/o Fingerports	3.628"	None	1.620"	5.550"	N	CR
1073SA	94-00	3.625"	225, 250	6 Cyl. 3.0L	3.884"	None	1.765"	6.195"	Y	RS
1073SB	94-00	3.625"	225, 250	6 Cyl. 3.0L	3.904"	None	1.765"	6.195"	Y	RS
1073SC	94-00	3.625"	225, 250	6 Cyl. 3.0L	3.924"	None	1.765"	6.195"	Y	RS
1239SA	94-04	3.625"	225, 250	6 Cyl. XB EFI	3.884"	None	1.750"	6.195"	Y	RS
1239SB	94-04	3.625"	225, 250	6 Cyl. XB EFI	3.904"	None	1.750"	6.195"	Y	RS
1175PSA	00-03	3.625"	225, 250	Opti Max Pro XB / XS 6 Cyl. Portside	3.884"	None	1.760"	6.195"	N	RS
1175PSB	00-03	3.625"	225, 250	Opti Max Pro XB / XS 6 Cyl. Portside	3.904"	None	1.760"	6.195"	N	RS
1175PSC	00-03	3.625"	225, 250	Opti Max Pro XB / XS 6 Cyl. Portside	3.924"	None	1.760"	6.195"	N	RS
1175SSA	00-03	3.625"	225, 250	Opti Max Pro XB / XS 6 Cyl. Portside	3.884"	None	1.760"	6.195"	N	RS
1175SSB	00-03	3.625"	225, 250	Opti Max Pro XB / XS 6 Cyl. Portside	3.904"	None	1.760"	6.195"	N	RS
1175SSC	00-03	3.625"	225, 250	Opti Max Pro XB / XS 6 Cyl. Portside	3.924"	None	1.760"	6.195"	N	RS
1092FB	96-00	3.500"	200	2.5L 6 Cyl.	3.713"	.250"	1.595"	5.275"	N	RS
1092SA	96-00	3.500"	200	2.5L 6 Cyl.	3.693"	None	1.595"	5.275"	N	RS
1092SB	96-00	3.500"	200	2.5L 6 Cyl.	3.713"	None	1.595"	5.275"	N	RS
1092SC	96-00	3.500"	200	2.5L 6 Cyl.	3.733"	None	1.595"	5.275"	N	RS
1207FA	96-04	3.500"	200	2.5L 6 Cyl. (1092FA w/ 1" Flange)	3.693"	1.000"	1.595"	5.275"	N	RS
1207FB	96-04	3.500"	200	2.5L 6 Cyl. (1092FB w/ 1" Flange)	3.713"	1.000"	1.595"	5.275"	N	RS
1207FC	96-04	3.500"	200	2.5L 6 Cyl. (1092FC w/ 1" Flange)	3.733"	1.000"	1.595"	5.275"	N	RS
1242SA	03-11	3.500"	200	200XS 2.5L Opti Max 6 Cyl. (2 HOLES UNDER BOOST)	3.693"	None	1.647"	5.325"	N	RS
1242SB	03-11	3.500"	200	200XS 2.5L Opti Max 6 Cyl. (2 HOLES UNDER BOOST)	3.713"	None	1.647"	5.325"	N	RS
1242SC	03-11	3.500"	200	200XS 2.5L Opti Max 6 Cyl. (2 HOLES UNDER BOOST)	3.733"	None	1.647"	5.325"	N	RS
1164SA	99-01	3.625"	225, 250	3.0L Opti Max 6 Cyl.	3.884"	None	1.855"	6.195"	N	RS
1164SB	99-01	3.625"	225, 250	3.0L Opti Max 6 Cyl.	3.904"	None	1.855"	6.195"	N	RS
1181PSA	01-12	3.625"	225, 250	3.0L Opti Max Pro XS/ EFI 6 Cyl. Portside	3.884"	None	1.815"	6.195"	N	RS
1181PSB	01-12	3.625"	225, 250	3.0L Opti Max Pro XS/ EFI 6 Cyl. Portside	3.904"	None	1.815"	6.195"	N	RS
1181PSC	01-12	3.625"	225, 250	3.0L Opti Max Pro XS/ EFI 6 Cyl. Portside	3.924"	None	1.815"	6.195"	N	RS
1181SSA	01-12	3.625"	225, 250	3.0L Opti Max Pro XS/ EFI 6 Cyl. Starboard	3.884"	None	1.815"	6.195"	N	RS
1181SSB	01-12	3.625"	225, 250	3.0L Opti Max Pro XS/ EFI 6 Cyl. Starboard	3.904"	None	1.815"	6.195"	N	RS

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Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1181SSC	01-12	3.625"	225, 250	3.0L Opti Max Pro XS/ EFI 6 Cyl. Starboard	3.924"	None	1.815"	6.195"	N	RS
1237SA	99-04	3.500"	240	Sport Jet 6 Cyl.	3.693"	None	1.650"	5.320"	N	RS
1237SB	99-04	3.500"	240	Sport Jet 6 Cyl.	3.713"	None	1.650"	5.320"	N	RS
1237SC	99-04	3.500"	240	Sport Jet 6 Cyl.	3.733"	None	1.650"	5.320"	N	RS
1073SA	94-00	3.625"	225, 250	3.0L 6 Cyl.	3.884"	None	1.765"	6.195"	Y	RS
1073SB	94-00	3.625"	225, 250	3.0L 6 Cyl.	3.904"	None	1.765"	6.195"	Y	RS
1073SC	94-00	3.625"	225, 250	3.0L 6 Cyl.	3.924"	None	1.765"	6.195"	Y	RS
1270SA	94-00	3.625"	225, 250	1073SA w/o compression notch	3.884"	None	1.765"	6.195"	N	RS
1270SB	94-00	3.625"	225, 250	1073SB w/o compression notch	3.904"	None	1.765"	6.195"	N	RS
1270SC	94-00	3.625"	225, 250	1073SC w/o compression notch	3.924"	None	1.765"	6.195"	N	RS
1239SA	94-04	3.625"	250	3.0L XB EFI 6 Cyl.	3.884"	None	1.750"	6.195"	Y	RS
1239SB	94-04	3.625"	250	3.0L XB EFI 6 Cyl.	3.904"	None	1.750"	6.195"	Y	RS
1148PSA	98-04	3.625"	200, 250	3.0L Opti Max 6 Cyl. Portside	3.884"	None	1.805"	6.195"	N	RS
1148PSB	98-04	3.625"	200, 250	3.0L Opti Max 6 Cyl. Portside	3.904"	None	1.805"	6.195"	N	RS
1148SSA	98-04	3.625"	200, 250	3.0L Opti Max 6 Cyl. Starboard	3.885"	None	1.805"	6.195"	N	RS
1148SSB	98-04	3.625"	200, 250	3.0L Opti Max 6 Cyl. Starboard	3.904"	None	1.805"	6.195"	N	RS
1164SA	99-01	3.625"	225, 250	3.0L Opti Max 6 Cyl.	3.884"	None	1.855"	6.195"	N	RS
1164SB	99-01	3.625"	225, 250	3.0L Opti Max 6 Cyl.	3.904"	None	1.855"	6.195"	N	RS
1154SA	98-01	3.625"	250	3.0L Opti Max 6 Cyl.	3.884"	None	1.784"	6.195"	N	RS
1154SB	98-01	3.625"	250	3.0L Opti Max 6 Cyl.	3.904"	None	1.784"	6.195"	N	RS
1175PSA	00-03	3.625"	225, 250	3.0L Opti Max Pro XB / XS 6 Cyl. Portside	3.884"	None	1.760"	6.195"	N	RS
1175PSB	00-03	3.625"	225, 250	3.0L Opti Max Pro XB / XS 6 Cyl. Portside	3.904"	None	1.760"	6.195"	N	RS
1175PSC	00-03	3.625"	225, 250	3.625" 3.0L Opti Max Pro XB / XS 6 Cyl. Portside	3.924"	None	1.760"	6.195"	N	RS
1175SSA	00-03	3.625"	225, 250	3.0L Opti Max Pro XB / XS 6 Cyl. Starboard	3.884"	None	1.760"	6.195"	N	RS
1175SSB	00-03	3.625"	225, 250	3.0L Opti Max Pro XB / XS 6 Cyl. Starboard	3.904"	None	1.760"	6.195"	N	RS
1175SSC	00-03	3.625"	225, 250	3.0L Opti Max Pro XB / XS 6 Cyl. Starboard	3.924"	None	1.760"	6.195"	N	RS
1249PSA	06	3.625"	225	3.0L Opti Max 6 Cyl. Portside	3.884"	None	1.778"	6.195"	N	RS
1249PSB	06	3.625"	225	3.0L Opti Max 6 Cyl. Portside	3.904"	None	1.778"	6.195"	N	RS
1249PSC	06	3.625"	225	3.0L Opti Max 6 Cyl. Portside	3.924"	None	1.778"	6.195"	N	RS
1249SSA	06	3.625"	225	3.0L Opti Max 6 Cyl. Starboard	3.884"	None	1.778"	6.195"	N	RS
1249SSB	06	3.625"	225	3.0L Opti Max 6 Cyl. Starboard	3.904"	None	1.778"	6.195"	N	RS
1249SSC	06	3.625"	225	3.0L Opti Max 6 Cyl. Starboard	3.924"	None	1.778"	6.195"	N	RS
1193PSA	06-13	3.625"	225, 250	3.0L Opti Max XS/ Pro Max 6 Cyl. Portside	3.884"	None	1.794"	6.195"	N	RS
1193PSB	06-13	3.625"	225, 250	3.0L Opti Max XS/ Pro Max 6 Cyl. Portside	3.904"	None	1.794"	6.195"	N	RS
1193SSA	06-13	3.625"	225, 250	3.0L Opti Max XS/ Pro Max 6 Cyl. Starboard	3.884"	None	1.794"	6.195"	N	RS
1193SSB	06-13	3.625"	225, 250	3.0L Opti Max XS/ Pro Max 6 Cyl. Starboard	3.904"	None	1.794"	6.195"	N	RS
1053FA	91-97	3.500"	260	2.5L 6 Cyl. Offshore Cast Iron	3.821"	None	1.611"	4.915"	N	RS
1053FB	91-97	3.500"	260	2.5L 6 Cyl. Offshore Cast Iron	3.841"	None	1.611"	4.915"	N	RS
1053FC	91-97	3.500"	260	2.5L 6 Cyl. Offshore Cast Iron	3.861"	None	1.611"	4.915"	N	RS
1053SA	91-97	3.500"	260	2.5L 6 Cyl. Offshore Cast Iron	3.821"	None	1.611"	4.915"	N	RS
1053SB	91-97	3.500"	260	2.5L 6 Cyl. Offshore Cast Iron	3.841"	None	1.611"	4.915"	N	RS
1053SC	91-97	3.500"	260	2.5L 6 Cyl. Offshore Cast Iron	3.861"	None	1.611"	4.915"	N	RS
1128SA	91-97	3.500"	260	2.5L 6 Cyl. Offshore Non Plated Aluminum	3.821"	None	1.611"	4.915"	N	RS
1128SB	91-97	3.500"	260	2.5L 6 Cyl. Offshore Non Plated Aluminum	3.841"	None	1.611"	4.915"	N	RS
1128SC	91-97	3.500"	260	2.5L 6 Cyl. Offshore Non Plated Aluminum	3.861"	None	1.611"	4.915"	N	RS

MERCURY

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1167SA	91-97	3.500"	260	2.5L 6 Cyl. Offshore Non Plated Aluminum (3.514 I.D.)	3.821"	None	1.611"	4.915"	N	RS
1167SB	91-97	3.500"	260	2.5L 6 Cyl. Offshore Non Plated Aluminum (3.514 I.D.)	3.841"	None	1.611"	4.915"	N	RS
1167SC	91-97	3.500"	260	2.5L 6 Cyl. Offshore Non Plated Aluminum (3.514 I.D.)	3.861"	None	1.611"	4.915"	N	RS
1117SA	91-97	3.500"	260	2.5L 6 Cyl. Offshore Rough Plated Aluminum	3.821"	None	1.611"	4.915"	N	RS
1117SB	91-97	3.500"	260	2.5L 6 Cyl. Offshore Rough Plated Aluminum	3.841"	None	1.611"	4.915"	N	RS
1117SC	91-97	3.500"	260	2.5L 6 Cyl. Offshore Rough Plated Aluminum	3.861"	None	1.611"	4.915"	N	RS
1099SA	90-93	3.740"	275	3.4L 6 Cyl. Cosworth Block	3.945"	None	1.975"	6.700"	N	CR
1099SB	90-93	3.740"	275	3.4L 6 Cyl. Cosworth Block	3.965"	None	1.975"	6.700"	N	CR
1281SA	90-00	3.500"	280	Mercury 200 Conversion Sleeve to 280HP	3.693"	None	1.611"	5.280"	N	RS
1100SA	98-04	3.500"	280	2.5L 6 Cyl. Offshore Cast Iron	3.821"	None	1.611"	4.915"	N	RSN
1100SB	98-04	3.500"	280	2.5L 6 Cyl. Offshore Cast Iron	3.841"	None	1.611"	4.915"	N	RSN
1100SC	98-04	3.500"	280	2.5L 6 Cyl. Offshore Cast Iron	3.861"	None	1.611"	4.915"	N	RSN
1134FB	98-04	3.500"	280	2.5L 6 Cyl Non Plated Aluminum	3.841"	1.250"	1.611"	4.915"	N	RS
1134SA	98-04	3.500"	280	2.5L 6 Cyl Non Plated Aluminum	3.821"	None	1.611"	4.915"	N	RS
1134SB	98-04	3.500"	280	2.5L 6 Cyl Non Plated Aluminum	3.841"	None	1.611"	4.915"	N	RS
1134SC	98-04	3.500"	280	2.5L 6 Cyl Non Plated Aluminum	3.861"	None	1.611"	4.915"	N	RS
1168SB	98-04	3.514"	280	2.5L Nikasil Block Non Plated Aluminum (3.514 I.D.)	3.841"	None	1.611"	4.915"	N	RS
1168SC	98-04	3.514"	280	2.5L Nikasil Block Non Plated Aluminum (3.514 I.D.)	3.861"	None	1.611"	4.915"	N	RS
1168SD	98-04	3.514"	280	2.5L Nikasil Block Non Plated Aluminum (3.514 I.D.)	3.881"	None	1.611"	4.915"	N	RS
1129FB	98-04	3.500"	280	2.5L 6 Cyl. Offshore Rough Plated Aluminum	3.841"	1.250"	1.611"	4.915"	N	RS
1129SA	98-04	3.500"	280	2.5L 6 Cyl. Offshore Rough Plated Aluminum	3.821"	None	1.611"	4.915"	N	RS
1129SB	98-04	3.500"	280	2.5L 6 Cyl. Offshore Rough Plated Aluminum	3.841"	None	1.611"	4.915"	N	RS
1304SB	98-04	3.514"	280	1168 W/Top & Bottom Exh. Chamfer (3.514 I.D.)	3.841"	None	1.611"	4.915"	N	R
1304SC	98-04	3.514"	280	1168 W/Top & Bottom Exh. Chamfer (3.514 I.D.)	3.861"	None	1.611"	4.915"	N	RS
1082SA	98-00	3.500"	300	S3000 6 Cyl. Drag Cast Iron	3.821"	None	1.565"	4.915"	N	RS
1082SB	98-00	3.500"	300	S3000 6 Cyl. Drag Cast Iron	3.841"	None	1.565"	4.915"	N	RS
1082SC	98-00	3.500"	300	S3000 6 Cyl. Drag Cast Iron	3.861"	None	1.565"	4.915"	N	RS
1131SA	98-00	3.500"	300	S3000 6 Cyl. Drag Aluminum	3.821"	None	1.565"	4.915"	N	RS
1131SB	98-00	3.500"	300	S3000 6 Cyl. Drag Aluminum	3.841"	None	1.565"	4.915"	N	RS
1131SC	98-00	3.500"	300	S3000 6 Cyl. Drag Aluminum	3.861"	None	1.565"	4.915"	N	RS
1131SD	98-00	3.500"	300	S3000 6 Cyl. Drag Aluminum	3.900"	None	1.565"	4.915"	N	RS
1162FB	98-00	3.500"	300	S3000 6 Cyl. Drag Aluminum	3.910"	1.250"	1.565"	4.915"	N	RS
1162SB	98-00	3.500"	300	S3000 6 Cyl. Drag Aluminum	3.910"	None	1.565"	4.915"	N	RS
1162SC	98-00	3.500"	300	S3000 6 Cyl. Drag Aluminum	3.910"	None	1.565"	4.915"	N	RS
1120FB	98-00	3.500"	300	S3000 Aluminum Drag Rough Plated	3.841"	1.250"	1.565"	4.915"	N	RS
1120SA	98-00	3.500"	300	S3000 Aluminum Drag Rough Plated	3.821"	None	1.565"	4.915"	N	RS
1120SB	98-00	3.500"	300	S3000 Aluminum Drag Rough Plated	3.841"	None	1.565"	4.915"	N	RS
1120SC	98-00	3.500"	300	S3000 Aluminum Drag Rough Plated	3.861"	None	1.565"	4.915"	N	RS
1290SA	98-00	3.500"	300	Cast Iron Mercury Drag Sleeve W/ Exh. Eyebrow Cut	None	None	1.565"	4.916"	N	RS
1283SA	98-00	3.500"	300	Aluminum Drag Sleeve W/ Exh. Eyebrow Cut Unplated	3.821"	None	1.565"	4.915"	N	RS
1283SB	98-00	3.500"	300	Aluminum Drag Sleeve W/ Exh. Eyebrow Cut Unplated	3.841"	None	1.565"	4.915"	N	RS

MERCURY

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1284SB	98-00	3.500"	300	Plated Mercury Drag Sleeve W/Exh Eyebrow Cut	3.841"	None	1.565"	4.915"	N	RS
1152SA	98-01	3.625"	300	3.0L 6 Cyl. Pro Max	3.884"	None	1.785"	6.195"	Y	RS
1152SB	98-01	3.625"	300	3.0L 6 Cyl. Pro Max	3.904"	None	1.785"	6.195"	Y	RS
1152SC	98-01	3.625"	300	3.0L 6 Cyl. Pro Max	3.924"	None	1.785"	6.195"	Y	RS
1160SA	01-04	3.625"	300	3.0L 6 Cyl. Pro Max	3.884"	None	1.715"	6.195"	N	RS
1160SB	01-04	3.625"	300	3.0L 6 Cyl. Pro Max	3.904"	None	1.715"	6.195"	N	RS
1160SC	01-04	3.625"	300	3.0L 6 Cyl. Pro Max	3.924"	None	1.715"	6.195"	N	RS
1163SA	01-05	3.625"	300	3.0L 6 Cyl. Pro Max X Motor	3.884"	None	1.765"	6.195"	N	RS
1163SB	01-05	3.625"	300	3.0L 6 Cyl. Pro Max X Motor	3.904"	None	1.765"	6.195"	N	RS
1163SC	01-05	3.625"	300	3.0L 6 Cyl. Pro Max X Motor	3.924"	None	1.765"	6.195"	N	RS
1194PSA	06-13	3.625"	300	3.2L Opti Max XS300 6 Cyl. Portside	3.884"	None	1.730"	6.195"	N	RS
1194PSB	06-13	3.625"	300	3.2L Opti Max XS300 6 Cyl. Portside	3.904"	None	1.730"	6.195"	N	RS
1194PSC	06-13	3.625"	300	3.2L Opti Max XS300 6 Cyl. Portside	3.924"	None	1.730"	6.159"	N	RS
1194SSA	06-13	3.625"	300	3.2L Opti Max XS300 6 Cyl. Starboard	3.884"	None	1.730"	6.195"	N	RS
1194SSB	06-13	3.625"	300	3.2L Opti Max XS300 6 Cyl. Starboard	3.904"	None	1.730"	6.195"	N	RS
1194SSC	06-13	3.625"	300	3.2L Opti Max XS300 6 Cyl. Starboard	3.924"	None	1.730"	6.195"	N	RS

MERCURY 4-STROKE

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1279SA	01-UP	65mm	50 / 60	Mercury F50/ 60	2.775"	None	None	4.640"	N	
1291SA	99-07	63mm	40,50,60	ELPT 4S	2.700"	None	None	4.600"	N	
1291SB	99-07	63mm	40,50,60	ELPT 4S	2.720"	None	None	4.600"	N	
1301SA	2015-UP	90mm	90, 115	4 Stroke	3.700"	None	None	4.970"	N	
1292SA	2018	96mm	150	4 Stroke	3.892"	None	None	5.900"	N	
1236SA	All	82mm	150, 175, 200	2.6L Verado 6 Cyl. Four Stroke	3.345"	None	None	4.920"	N	RS
1236SB	All	82mm	150, 175, 200	2.6L Verado 6 Cyl. Four Stroke	3.365"	None	None	4.920"	N	RS
1300FA	2022	92mm		Flanged V8 Seeve	3.740"	0.165"	None	5.000"	N	RS
1173SA	02	94mm	200, 225	6 Cyl. 4 Stroke	3.875"	None	None	4.850"	N	CS
1173SB	02	94mm	200, 225	6 Cyl. 4 Stroke	3.895"	None	None	4.850"	N	CS
1173SC	02	94mm	200, 225	6 Cyl. 4 Stroke	3.915"	None	None	4.850"	N	CS
1289SA	2014	82mm	350	High Performance Verado Inline 6	3.360"	None	None	5.000"	N	CS
2001SA	All	4"		3.0L 4 Cyl. I/O	4.188"	None	None	6.000"	N	

OMC

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1031SA	80-92	2.187"	9.9, 15	2 Cyl.	2.313"	None	None	3.530"	N	CS
1031SB	80-92	2.187"	9.9, 15	2 Cyl.	2.375"	None	None	3.530"	N	CS
1147SB	87-91	3.375"	9.9	2 Cyl. Crossflow	3.585"	None	None	5.550"	N	RS
1267SA	2010	76mm	30	2 Cyl. BRP E-Tec	3.222"	None	1.675"	4.861"	Y	
1141SA	98-00	2.500"	30, 35	3 Cyl. Mirage	2.702"	None	1.555"	4.687"	N	CS
1141SB	98-00	2.500"	35, 35	3 Cyl. Mirage	2.722"	None	1.555"	4.687"	N	CS
1064SA	All	3.187"	40	2 Cyl. 3 3/16" Crossflow	3.313"	None	None	5.500"	N	CS
1064SB	All	3.187"	40	2 Cyl. 3 3/16" Crossflow	3.333"	None	None	5.500"	N	CS
1064SC	All	3.187"	40	2 Cyl. 3 3/16" Crossflow	3.353"	None	None	5.500"	N	CS
1011SA	76-04	3.000"	20, 25, 28, 30, 40	2 Cyl. Crossflow	3.125"	None	None	5.250"	N	CS
1011SB	76-04	3.000"	20, 25, 28, 30, 40	2 Cyl. Crossflow	3.188"	None	None	5.250"	N	CS
1011SC	76-04	3.000"	20, 25, 28, 30, 40	2 Cyl. Crossflow	3.250"	None	None	5.250"	N	CS
1007FA	80-04	3.187"	40, 45, 48, 50, 55, 60	2 Cyl.	3.473"	.250"	1.795"	5.585"	N	RS
1007SA	80-04	3.187"	40, 45, 48, 50, 55, 60	2 Cyl.	3.442"	None	1.795"	5.585"	N	RS
1007SB	80-04	3.187"	40, 45, 48, 50, 55, 60	2 Cyl.	3.473"	None	1.795"	5.585"	N	RS
1229SA	06-08	3.600"	40	2 Cyl. BRP E-Tec	3.800"	None	1.635"	5.055"	Y	RS
1229SB	06-08	3.600"	40	2 Cyl. BRP E-Tec	3.820"	None	1.635"	5.055"	Y	RS

OMC

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1229SC	06-08	3.600"	40	2 Cyl. BRP E-Tec	3.840"	None	1.635"	5.055"	Y	RS
1230FA	06-11	3.600"	40, 50	2 Cyl. BRP E-Tec	3.800"	.100"	1.643"	5.055"	Y	RS
1230FB	06-11	3.600"	40, 50	2 Cyl. BRP E-Tec	3.820"	.100"	1.643"	5.055"	Y	RS
1230FC	06-11	3.600"	40, 50	2 Cyl. BRP E-Tec	3.840"	.100"	1.643"	5.055"	Y	RS
1078FA	71-75	3.062"	50	2 Cyl.	3.313"	0.125"	1.890"	5.440"	N	CS
1078FB	71-75	3.062"	50	2 Cyl.	3.333"	0.125"	1.890"	5.440"	N	CS
1010FA	79-80	3.187"	50	2 Cyl.	3.313"	.125"	1.935"	5.450"	N	CS
1010FB	79-80	3.187"	50	2 Cyl.	3.333"	.125"	1.935"	5.450"	N	CS
1007FA	80-04	3.187"	40, 45, 48, 50, 55, 60	2 Cyl.	3.473"	.250"	1.795"	5.585"	N	RS
1007SA	80-04	3.187"	40, 45, 48, 50, 55, 60	2 Cyl.	3.442"	None	1.795"	5.585"	N	RS
1007SB	80-04	3.187"	40, 45, 48, 50, 55, 60	2 Cyl.	3.462"	None	1.795"	5.585"	N	RS
1088FA	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.444"	0.750"	1.515"	4.530"	Y	RS
1088SA	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.444"	None	1.515"	4.530"	Y	RS
1088SB	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.464"	None	1.515"	4.530"	Y	RS
1088SC	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.484"	None	1.515"	4.530"	Y	RS
1229SA	06-08	3.600"	40	2 Cyl. BRP E-Tec	3.800"	None	1.635"	5.055"	Y	RS
1229SB	06-08	3.600"	40	2 Cyl. BRP E-Tec	3.820"	None	1.635"	5.055"	Y	RS
1229SC	06-08	3.600"	40	2 Cyl. BRP E-Tec	3.840"	None	1.635"	5.055"	Y	RS
1230FA	06-11	3.600"	40, 50	2 Cyl. BRP E-Tec	3.800"	.100"	1.643"	5.055"	Y	RS
1230FB	06-11	3.600"	40, 50	2 Cyl. BRP E-Tec	3.820"	.100"	1.643"	5.055"	Y	RS
1230FC	06-11	3.600"	40, 50	2 Cyl. BRP E-Tec	3.840"	.100"	1.643"	5.055"	Y	RS
1009FA	76-78	3.187"	55	2 Cyl.	3.313"	.125"	1.890"	5.445"	N	CS
1009FB	76-78	3.187"	55	2 Cyl.	3.333"	.125"	1.890"	5.445"	N	CS
1008FA	79-80	3.187"	55	2 Cyl.	3.313"	.125"	1.830"	5.445"	N	CS
1008FB	79-80	3.187"	55	2 Cyl.	3.333"	.125"	1.830"	5.445"	N	CS
1007FA	80-04	3.187"	40, 45, 48, 50, 55, 60	2 Cyl.	3.473"	.250"	1.795"	5.585"	N	RS
1007SA	80-04	3.187"	40, 45, 48, 50, 55, 60	2 Cyl.	3.453"	None	1.795"	5.585"	N	RS
1007SB	80-04	3.187"	40, 45, 48, 50, 55, 60	2 Cyl.	3.473"	None	1.795"	5.585"	N	RS
1003FA	75-89	3.000"	60, 75	3 Cyl.	3.190"	0.125"	1.550"	4.750"	N	CS
1003FB	86-89	3.000"	60, 75	3 Cyl.	3.210"	0.125"	1.550"	4.750"	N	CS
1003SA	75-89	3.000"	60, 75	3 Cyl.	3.190"	None	1.550"	4.750"	N	CS
1003SB	75-89	3.000"	60, 75	3 Cyl.	3.210"	None	1.550"	4.750"	N	CS
1006FA	86-93	3.187"	60, 70	3 Cyl.	3.444"	0.750"	1.560"	4.600"	N	RS
1006SA	86-93	3.187"	60, 70	3 Cyl. W/ Bridged Exhaust	3.444"	None	1.560"	4.600"	N	RS
1006SB	86-93	3.187"	60, 70	3 Cyl. W/ Bridged Exhaust	3.464"	None	1.560"	4.600"	N	RS
1006SC	86-93	3.187"	60, 70	3 Cyl. W/ Bridged Exhaust	3.484"	None	1.560"	4.600"	N	RS
1088FA	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.444"	0.750"	1.515"	4.530"	Y	RS
1088SA	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.444"	None	1.515"	4.530"	Y	RS
1088SB	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.464"	None	1.515"	4.530"	Y	RS
1088SC	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.484"	None	1.515"	4.530"	Y	RS
1119SA	All	3.187"	60	SST60 APBA Approved	3.444"	None	1.515"	4.56"	N	RS
1119SB	All	3.187"	60	SST60 APBA Approved	3.464"	None	1.515"	4.56"	N	RS
1231SA	07	3.600"	60	2 Cyl. BRP E-Tec	3.800"	None	1.518"	5.055"	N	RS
1231SB	07	3.600"	60	2 Cyl. BRP E-Tec	3.820"	None	1.518"	5.055"	N	RS
1234FA	09-11	3.600"	60	2 Cyl. BRP E-Tec	3.800"	.100"	1.515"	5.075"	N	RS
1234FB	09-11	3.600"	60	2 Cyl. BRP E-Tec	3.820"	.100"	1.515"	5.075"	N	RS
1003FA	75-89	3.000"	60, 75	3 Cyl.	3.190"	0.125"	1.550"	4.750"	N	CS
1003FB	86-89	3.000"	60, 75	3 Cyl.	3.210"	0.125"	1.550"	4.750"	N	CS
1003SA	75-89	3.000"	60, 75	3 Cyl.	3.190"	None	1.550"	4.750"	N	CS
1003SB	75-89	3.000"	60, 75	3 Cyl.	3.210"	None	1.550"	4.750"	N	CS
1006FA	86-93	3.187"	60, 70	3 Cyl.	3.444"	0.750"	1.560"	4.600"	N	RS
1006SA	86-93	3.187"	60, 70	3 Cyl. W/ Bridged Exhaust	3.444"	None	1.560"	4.600"	N	RS
1006SB	86-93	3.187"	60, 70	3 Cyl. W/ Bridged Exhaust	3.464"	None	1.560"	4.600"	N	RS
1006SC	86-93	3.187"	60, 70	3 Cyl. W/ Bridged Exhaust	3.484"	None	1.560"	4.600"	N	RS
1088FA	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.444"	0.750"	1.515"	4.530"	Y	RS
1088SA	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.444"	None	1.515"	4.530"	Y	RS
1088SB	93-00	3.187"	50, 60, 70	3 Cyl. W/ Single Exhaust	3.464"	None	1.515"	4.530"	Y	RS

OMC

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1003FA	75-89	3.000"	60, 75	3 Cyl.	3.190"	0.125"	1.550"	4.750"	N	CS
1003FB	86-89	3.000"	60, 75	3 Cyl.	3.210"	0.125"	1.550"	4.750"	N	CS
1003SA	75-89	3.000"	60, 75	3 Cyl.	3.190"	None	1.550"	4.750"	N	CS
1003SB	75-89	3.000"	60, 75	3 Cyl.	3.210"	None	1.550"	4.750"	N	CS
1220SA	All	3.600"	75	3 Cyl. BRP E-Tec	3.800"	None	1.605"	5.075"	N	RS
1220SB	All	3.600"	75	3 Cyl. BRP E-Tec	3.820"	None	1.605"	5.075"	N	RS
1201SA	04-08	3.600"	75, 90	3 Cyl. BRP E-Tec #2 & 3 Cyl Only	3.800"	None	1.565"	5.055"	N	RS
1201SB	04-08	3.600"	75, 90	3 Cyl. BRP E-Tec #2 & 3 Cyl Only	3.820"	None	1.565"	3.055"	N	RS
1226SA	04-06	3.600"	75, 90	3 Cyl. BRP E-Tec #1 Cyl. Only	3.800"	None	1.555"	5.055"	N	RS
1226SB	04-06	3.600"	75, 90	3 Cyl. BRP E-Tec #1 Cyl. Only	3.820"	None	1.555"	5.055"	N	RS
1226SC	04-06	3.600"	75, 90	3 Cyl. BRP E-Tec #1 Cyl. Only	3.840"	None	1.555"	5.055"	N	RS
1201SA	04-08	3.600"	75, 90	3 Cyl. BRP E-Tec	3.800"	None	1.565"	5.055"	N	RS
1201SB	04-08	3.600"	75, 90	3 Cyl. BRP E-Tec	3.820"	None	1.565"	5.055"	N	RS
1227FA	09-11	3.600"	75, 90	3 Cyl. BRP E-Tec w/Oil Groove In Sleeve	3.800"	.070"	1.565"	5.055"	N	RS
1227FB	09-11	3.600"	75, 90	3 Cyl. BRP E-Tec w/Oil Groove In Sleeve	3.820"	.070"	1.565"	5.055"	N	RS
1049FA	All	3.375"	90, 115, 140, 150	4 Cyl. 3 3/8" Crossflow	3.500"	None	None	5.510"	N	CS
1049SA	All	3.375"	90, 115, 140, 150	4 Cyl. 3 3/8" Crossflow	3.500"	None	None	5.510"	N	CS
1049SB	All	3.375"	90, 115, 140, 150	4 Cyl. 3 3/8" Crossflow	3.563"	None	None	5.510"	N	CS
1049SC	All	3.375"	90, 115, 140, 150	4 Cyl. 3 3/8" Crossflow	3.625"	None	None	5.510"	N	CS
1097PSA	95-05	3.600"	90	4 Cyl. 60 Degree Fastrike Portside	3.800"	None	1.753"	5.075"	Y	RS
1097PSB	95-05	3.600"	90	4 Cyl. 60 Degree Fastrike Portside	3.820"	None	1.753"	5.075"	Y	RS
1097PSC	95-05	3.600"	90	4 Cyl. 60 Degree Fastrike Portside	3.840"	None	1.753"	5.075"	Y	RS
1097SSA	95-05	3.600"	90	4 Cyl. 60 Degree Fastrike Starboard	3.800"	None	1.753"	5.075"	Y	RS
1097SSB	95-05	3.600"	90	4 Cyl. 60 Degree Fastrike Starboard	3.820"	None	1.753"	5.075"	Y	RS
1097SSC	95-05	3.600"	90	4 Cyl. 60 Degree Fastrike Starboard	3.840"	None	1.753"	5.075"	Y	RS
1125PSA	99-01	3.600"	90, 115	4 Cyl. 60 Degree Ficht Portside	3.800"	None	1.610"	5.075"	N	RS
1125PSB	99-01	3.600"	90, 115	4 Cyl. 60 Degree Ficht Portside	3.820"	None	1.610"	5.075"	N	RS
1125SSA	99-01	3.600"	90, 115	4 Cyl. 60 Degree Ficht Starboard	3.800"	None	1.610"	5.075"	N	RS
1125SSB	99-01	3.600"	90, 115	4 Cyl. 60 Degree Ficht Starboard	3.820"	None	1.610"	5.075"	N	RS
1201SA	04-08	3.600"	75,90	3 Cyl. BRP E-Tec #2 & 3 Cyl. Only	3.800"	None	1.565"	5055"	N	RS
1226SA	04-06	3.600"	75,90	3 Cyl BRP E-Tec 1 Cyl. Only	3.800"	None	1.555"	5.055"	N	RS
1201SB	04-08	3.600"	75,90	3 Cyl BRP E-Tec #2 & 3 Cyl. Only	3.820"	None	1.565"	5.055"	N	RS
1226SB	04-06	3.600"	75,90	3 Cyl BRP E-Tec 1 Cyl. Only	3.820"	None	1.555"	5.055"	N	RS
1226SC	04-06	3.600"	75,90	3 Cyl BRP E-Tec 1 Cyl. Only	3.840"	None	1.555"	5.055"	N	RS
1201SA	04-08	3.600"	75,90	3 Cyl. BRP E-Tec #2 & 3 Cyl. Only	3.800"	None	1.565"	5055"	N	RS
1201SB	04-08	3.600"	75,90	3 Cyl BRP E-Tec #2 & 3 Cyl. Only	3.820"	None	1.565"	5.055"	N	RS
1227FA	09-11	3.600"	75,90	3 Cyl. BRP E-Tec w/Oil Groove In Sleeve	3.800"	.070"	1.565"	5.055"	N	RS
1227FB	09-11	3.600"	75,90	3 Cyl. BRP E-Tec w/Oil Groove In Sleeve	3.820"	.070"	1.565"	5.055"	N	RS
1000FA	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.628"	1.250"	None	5.125"	N	CS
1000FB	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.690"	1.250"	None	5.125"	N	CS
1000FC	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.753"	1.250"	None	5.125"	N	CS
1000SA	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.628"	None	None	5.125"	N	CS
1000SB	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.690"	None	None	5.125"	N	CS
1000SC	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.753"	None	None	5.125"	N	CS
1198FA	All	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.628"	200"	None	5.125"	N	CS
1198FB	All	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.648"	200"	None	5.125"	N	CS

OMC

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1204SA	All	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow w/Ports 3 Exh. 4 Intakes	3.628"	None	1.810"	5.125"	N	CS
1204SB	All	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow w/Ports 3 Exh. 4 Intakes	3.690"	None	1.810"	5.125"	N	CS
1204SC	All	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow w/Ports 3 Exh. 4 Intakes	3.753"	None	1.810"	5.125"	N	CS
1098PSA	95-04	3.600"	115	4 Cyl. 60 Degree Fastrike Portside	3.800"	None	1.673"	5.075"	Y	RS
1098PSB	95-04	3.600"	115	4 Cyl. 60 Degree Fastrike Portside	3.820"	None	1.673"	5.075"	Y	RS
1098PSC	95-04	3.600"	115	4 Cyl. 60 Degree Fastrike Portside	3.840"	None	1.673"	5.075"	Y	RS
1098SSA	95-04	3.600"	115	4 Cyl. 60 Degree Fastrike Starboard	3.800"	None	1.673"	5.075"	Y	RS
1098SSB	95-04	3.600"	115	4 Cyl. 60 Degree Fastrike Starboard	3.820"	None	1.673"	5.075"	Y	RS
1098SSC	95-04	3.600"	115	4 Cyl. 60 Degree Fastrike Starboard	3.840"	None	1.673"	5.075"	Y	RS
1000FA	75-98	2.187"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.628"	1.250"	None	5.125"	N	CS
1000FB	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.690"	1.250"	None	5.125"	N	CS
1000FC	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.753"	1.250"	None	5.125"	N	CS
1000SA	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.628"	None	None	5.125"	N	CS
1000SB	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.690"	None	None	5.125"	N	CS
1000SC	75-98	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.753"	None	None	5.125"	N	CS
1198FA	All	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.628"	200"	None	5.125"	N	CS
1198FB	All	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow	3.648"	200"	None	5.125"	N	CS
1204SA	All	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow w/Ports 3 Exh. 4 Intakes	3.628"	None	1.810"	5.125"	N	CS
1204SB	All	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow w/Ports 3 Exh. 4 Intakes	3.690"	None	1.810"	5.125"	N	CS
1204SC	All	3.500"	90, 115, 125, 135, 140	4 Cyl. Crossflow w/Ports 3 Exh. 4 Intakes	3.753"	None	1.810"	5.125"	N	CS
1125PSA	99-01	3.600"	90, 115	4 Cyl. 60 Degree Ficht Portside	3.800"	None	1.610"	5.075"	N	RS
1125PSB	99-01	3.600"	90, 115	4 Cyl. 60 Degree Ficht Portside	3.820"	None	1.610"	5.075"	N	RS
1125SSA	99-01	3.600"	90, 115	4 Cyl. 60 Degree Ficht Starboard	3.800"	None	1.610"	5.075"	N	RS
1125SSB	99-01	3.600"	90, 115	4 Cyl. 60 Degree Ficht Starboard	3.820"	None	1.610"	5.075"	N	RS
1218FPA	2007	3.600"	115	4 Cyl. 60 Degree E-Tec Portside	3.800"	.100"	1.520"	4.660"	N	RS
1218FPB	2007	3.600"	115	4 Cyl. 60 Degree E-Tec Portside	3.820"	.100"	1.520"	4.660"	N	RS
1218FSA	2007	3.600"	115	4 Cyl. 60 Degree E-Tec Starboard	3.800"	.100"	1.520"	4.660"	N	RS
1218FSB	2007	3.600"	115	4 Cyl. 60 Degree E-Tec Starboard	3.820"	.100"	1.520"	4.660"	N	RS
1228FPA	08-11	3.600"	115	4 Cyl. 60 Degree E-Tec Portside	3.800"	.105"	1.505"	4.665"	N	RS
1228FPB	08-11	3.600"	115	4 Cyl. 60 Degree E-Tec Portside	3.820"	.105"	1.505"	4.665"	N	RS
1228FPC	08-11	3.600"	115	4 Cyl. 60 Degree E-Tec Portside	3.840"	.105"	1.505"	4.665"	N	RS
1228FSA	08-11	3.600"	115	4 Cyl. 60 Degree E-Tec Starboard	3.800"	.105"	1.505"	4.665"	N	RS
1228FSB	08-11	3.600"	115	4 Cyl. 60 Degree E-Tec Starboard	3.820"	.105"	1.505"	4.665"	N	RS
1228FSC	08-11	3.600"	115	4 Cyl. 60 Degree E-Tec Starboard	3.840"	.105"	1.505"	4.665"	N	RS
1023FA	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.875"	0.250"	1.740"	5.995"	N	RS
1023FB	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.895"	0.250"	1.740"	5.995"	N	RS
1023SA	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.875"	None	1.740"	5.595"	N	RS
1023SB	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.895"	None	1.740"	5.595"	N	RS
1002FA	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.875"	.375"	1.780"	5.225"	N	RS
1002FB	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.895"	.375"	1.780"	5.225"	N	RS
1002FC	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.915"	.375"	1.780"	5.225"	N	RS
1002SA	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.875"	None	1.780"	5.225"	N	RS
1002SB	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.895"	None	1.780"	5.225"	N	RS
1002SC	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.8915	None	1.780"	5.225"	N	RS
1081SA	95-00	3.685"	130	4 Cyl. Big Bore Lopper w/Bridged Exhaust	3.875"	None	1.780"	5.225"	Y	RS

OMC

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1081SB	95-00	3.685"	130	4 Cyl. Big Bore Looper w/Bridged Exhaust	3.895"	None	1.780"	5.225"	Y	RS
1156PSA	2000	3.600"	135, 150	4 Cyl. 60 Degree Ficht Portside	3.800"	None	1.700"	5.075"	Y	RS
1156PSB	2000	3.600"	135, 150	4 Cyl. 60 Degree Ficht Portside	3.820"	None	1.700"	5.075"	Y	RS
1156SSA	2000	3.600"	135, 150	4 Cyl. 60 Degree Ficht Starboard	3.800"	None	1.700"	5.075"	Y	RS
1156SSA	2000	3.600"	135, 150	4 Cyl. 60 Degree Ficht Starboard	3.800"	None	1.700"	5.075"	Y	RS
1156SSB	2000	3.600"	135, 150	4 Cyl. 60 Degree Ficht Starboard	3.820"	None	1.700"	5.075"	Y	RS
1023FA	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.875"	0.250"	1.740"	5.995"	N	RS
1023FB	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.895"	0.250"	1.740"	5.995"	N	RS
1023SA	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.875"	None	1.740"	5.595"	N	RS
1023SB	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.895"	None	1.740"	5.595"	N	RS
1002FA	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.875"	.375"	1.780"	5.225"	N	RS
1002FB	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.895"	.375"	1.780"	5.225"	N	RS
1002FC	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.915"	.375"	1.780"	5.225"	N	RS
1002SA	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.875"	None	1.780"	5.225"	N	RS
1002SB	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.895"	None	1.780"	5.225"	N	RS
1002SC	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.8915	None	1.780"	5.225"	N	RS
1066PSA	91	3.600"	150	60 Degree Fastrike Portside	3.800"	None	1.665"	5.075"	Y	RS
1066PSB	91	3.600"	150	60 Degree Fastrike Portside	3.820"	None	1.665"	5.075"	Y	RS
1066SSA	91	3.600"	150	60 Degree Fastrike Starboard	3.800"	None	1.665"	5.075"	Y	RS
1066SSB	91	3.600"	150	60 Degree Fastrike Starboard	3.820"	None	1.665"	5.075"	Y	RS
1045PSA	92-04	3.600"	150	6 Cyl. Fastrike Portside	3.800"	None	1.710"	5.075"	Y	RS
1045PSB	92-04	3.600"	150	6 Cyl. Fastrike Portside	3.820"	None	1.710"	5.075"	Y	RS
1045PSC	92-04	3.600"	150	6 Cyl. Fastrike Portside	3.840"	None	1.710"	5.075"	Y	RS
1045SSA	92-04	3.600"	150	6 Cyl. Fastrike Starboard	3.800"	None	1.710"	5.075"	Y	RS
1045SSB	92-04	3.600"	150	6 Cyl. Fastrike Starboard	3.820"	None	1.710"	5.075"	Y	RS
1045SSC	92-04	3.600"	150	6 Cyl. Fastrike Starboard	3.840"	None	1.710"	5.075"	Y	RS
1126PSA	94-17	3.600"	150	6 Cyl. Fastrike GL Intruder Portside	3.800"	None	1.700"	5.075"	N	RS
1126PSB	94-17	3.600"	150	6 Cyl. Fastrike GL Intruder Portside	3.820"	None	1.700"	5.075"	N	RS
1126SSA	94-17	3.600"	150	6 Cyl. Fastrike GL Intruder Portside	3.800"	None	1.700"	5.075"	N	RS
1126SSB	94-17	3.600"	150	6 Cyl. Fastrike GL Intruder Portside	3.820"	None	1.700"	5.075"	N	RS
1116PSA	97-99	3.600"	150	6 Cyl. 60 Degree Ficht Portside	3.800"	None	1.720"	5.075"	N	RS
1116PSB	97-99	3.600"	150	6 Cyl. 60 Degree Ficht Portside	3.820"	None	1.720"	5.075"	N	RS
1116SSA	97-99	3.600"	150	6 Cyl. 60 Degree Ficht Starboard	3.800"	None	1.720"	5.075"	N	RS
1116SSB	97-99	3.600"	150	6 Cyl. 60 Degree Ficht Starboard	3.820"	None	1.720"	5.075"	N	RS
1156PSA	2000	3.600"	135, 150	4 Cyl. 60 Degree Ficht Portside w/Extra Oiling	3.800"	None	1.700"	5.075"	Y	RS
1156PSB	2000	3.600"	135, 150	4 Cyl. 60 Degree Ficht Starboard w/Extra Oiling	3.820"	None	1.700"	5.075"	Y	RS
1156SSA	2000	3.600"	135, 150	4 Cyl. 60 Degree Ficht Starboard w/Extra Oiling	3.800"	None	1.700"	5.075"	Y	RS
1156SSB	2000	3.600"	135, 150	4 Cyl. 60 Degree Ficht Starboard w/Extra Oiling	3.820"	None	1.700"	5.075"	Y	RS
1210FAP	07-08	3.600"	150, 175	6 Cyl. E-Tec Portside	3.800"	.105"	1.592"	4.660"	N	RS
1210FBP	07-08	3.600"	150, 175	6 Cyl. E-Tec Portside	3.820"	.105"	1.592"	4.660"	N	RS
1210FAS	07-08	3.600"	150, 175	6 Cyl. E-Tec Starboard	3.800"	.105"	1.592"	4.660"	N	RS
1210FBS	07-08	3.600"	150, 175	6 Cyl. E-Tec Starboard	3.820"	.105"	1.592"	4.660"	N	RS
1232FPA	09-11	3.600"	150, 175	6 Cyl. E-Tec W/ O.D. Oil Groove Portside	3.800"	.105"	1.600"	4.655"	N	RS
1232FPB	09-11	3.600"	150, 175	7 Cyl. E-Tec W/ O.D. Oil Groove Portside	3.820"	.105"	1.600"	4.655"	N	RS
1232FPC	09-11	3.600"	150, 175	6 Cyl. E-Tec W/ O.D. Oil Groove Portside	3.840"	.105"	1.600"	4.655"	N	RS
1232FSA	09-11	3.600"	150, 175	5 Cyl. E-Tec W/ O.D. Oil Groove Starboard	3.800"	.105"	1.600"	4.655"	N	RS
1232FSB	09-11	3.600"	150, 175	6 Cyl. E-Tec W/ O.D. Oil Groove Starboard	3.820"	.105"	1.600"	4.655"	N	RS

OMC

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1232FSC	09-11	3.600"	150, 175	7 Cyl. E-Tec W/ O.D. Oil Groove Starboard	3.840"	.105"	1.600"	4.655"	N	RS
1001FA	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.753"	1.425"	None	5.125"	N	CS
1001FB	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.753"	1.425"	None	5.125"	N	CS
1001FC	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.878"	1.425"	None	5.125"	N	CS
1001SA	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.753"	None	None	5.125"	N	CS
1001SB	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.815"	None	None	5.125"	N	CS
1001SC	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.878"	None	None	5.125"	N	CS
1065PSA	92-95	3.600"	175	6 Cyl. 60 Degree Fastrike Portside	3.800"	None	1.610"	5.075"	Y	RS
1065PSB	92-95	3.600"	175	6 Cyl. 60 Degree Fastrike Portside	3.820"	None	1.610"	5.075"	Y	RS
1065SSA	92-95	3.600"	175	6 Cyl. 60 Degree Fastrike Starboard	3.800"	None	1.610"	5.075"	Y	RS
1065SSB	92-95	3.600"	175	7 Cyl. 60 Degree Fastrike Starboard	3.820"	None	1.610"	5.075"	Y	RS
1110PSA	97-99	3.600"	175	6 Cyl. 60 Degree Ficht Portside w/Extra Oiling	3.800"	None	1.640"	5.075"	N	RS
1110PSB	97-99	3.600"	175	6 Cyl. 60 Degree Ficht Portside w/Extra Oiling	3.820"	None	1.640"	5.075"	N	RS
1110SSA	97-99	3.600"	175	6 Cyl. 60 Degree Ficht Starboard w/Extra Oiling	3.800"	None	1.640"	5.075"	N	RS
1110SSB	97-99	3.600"	175	6 Cyl. 60 Degree Ficht Starboard w/Extra Oiling	3.820"	None	1.640"	5.075"	N	RS
1210FAP	07-08	3.600"	150, 175	6 Cyl. E-Tec Portside	3.800"	.105"	1.592"	4.660"	N	RS
1210FBP	07-08	3.600"	150, 175	6 Cyl. E-Tec Portside	3.820"	.105"	1.592"	4.660"	N	RS
1210FAS	07-08	3.600"	150, 175	6 Cyl. E-Tec Starboard	3.800"	.105"	1.592"	4.660"	N	RS
1210FBS	07-08	3.600"	150, 175	6 Cyl. E-Tec Starboard	3.820"	.105"	1.592"	4.660"	N	RS
1232FPA	09-11	3.600"	150, 175	6 Cyl. E-Tec W/ O.D. Oil Groove Portside	3.800"	.105"	1.600"	4.655"	N	RS
1232FPB	09-11	3.600"	150, 175	6 Cyl. E-Tec W/ O.D. Oil Groove Portside	3.820"	.105"	1.600"	4.655"	N	RS
1232FPC	09-11	3.600"	150, 175	6 Cyl. E-Tec W/ O.D. Oil Groove Portside	3.840"	.105"	1.600"	4.655"	N	RS
1232FSA	09-11	3.600"	150, 175	6 Cyl. E-Tec W/ O.D. Oil Groove Starboard	3.800"	.105"	1.600"	4.655"	N	RS
1232FSB	09-11	3.600"	150, 175	6 Cyl. E-Tec W/ O.D. Oil Groove Starboard	3.820"	.105"	1.600"	4.655"	N	RS
1023FA	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.875"	0.250"	1.740"	5.995"	N	RS
1023FB	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.895"	0.250"	1.740"	5.995"	N	RS
1023SA	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.875"	None	1.740"	5.595"	N	RS
1023SB	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.895"	None	1.740"	5.595"	N	RS
1025FA	88-92	3.685"	200	6 Cyl. Big Bore Looper	3.875"	None	1.715"	5.225"	N	RS
1025FB	88-92	3.685"	200	6 Cyl. Big Bore Looper	3.895"	0.375"	1.715"	5.225"	N	RS
1025SA	88-92	3.685"	200	6 Cyl. Big Bore Looper	3.875"	None	1.715"	5.225"	N	RS
1025SB	88-92	3.685"	200	6 Cyl. Big Bore Looper	3.895"	None	1.715"	5.225"	N	RS
1040FB	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.895"	0.25"	1.710"	5.225"	N	RS
1040SA	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.875"	None	1.710"	5.225"	N	RS
1040SB	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.895"	None	1.710"	5.225"	N	RS
1040SC	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.905"	None	1.710"	5.225"	N	RS
1197FA	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.875"	.200"	1.710"	5.225"	N	RS
1197FB	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.895"	.200"	1.710"	5.225"	N	RS
1113FA	99-17	3.854"	200, 225	6 Cyl. 3.0L Ficht w/4 Finger Ports	4.055"	0.125"	1.775"	5.460"	N	RS
1113FB	99-17	3.854"	200, 225	6 Cyl. 3.0L Ficht w/4 Finger Ports	4.075"	0.125"	1.775"	5.460"	N	RS
1144FA	01-17	3.854"	200	6 Cyl. E-Tec/Ficht w/2 Finger Ports	4.055"	0.125"	1.755"	5.460"	N	RS
1144FB	01-17	3.854"	200	6 Cyl. E-Tec/Ficht w/2 Finger Ports	4.075"	0.125"	1.755"	5.460"	N	RS
1233FPA	09-11	3.600"	200	6 Cyl. BRP E-Tec Portside w/O.D. Oil Groove	3.800"	.105"	1.535"	4.655"	N	RS
1233FPB	09-11	3.600"	200	6 Cyl. BRP E-Tec Portside w/O.D. Oil Groove	3.820"	.105"	1.535"	4.655"	N	RS

OMC

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1233FPC	09-11	3.600"	200	6 Cyl. BRP E-Tec Portside w/O.D. Oil Groove	3.840"	.105"	1.535"	4.655"	N	RS
1233FSA	09-11	3.600"	200	6 Cyl. BRP E-Tec Starboard w/O.D. Oil Groove	3.800"	.105"	1.535"	4.655"	N	RS
1233FSB	09-11	3.600"	200	6 Cyl. BRP E-Tec Starboard w/O.D. Oil Groove	3.820"	.105"	1.535"	4.655"	N	RS
1233FSC	09-11	3.600"	200	6 Cyl. BRP E-Tec Starboard w/O.D. Oil Groove	3.840"	.105"	1.535"	4.655"	N	RS
1258FPA	09-11	3.854"	200	6 Cyl. 3.3L BRP HO E-Tec Portside w/O. D. Oil Groove Portside w/O.D. Oil Groove	4.055"	.125"	1.725"	5.445"	N	RS
1258FPB	09-11	3.854"	200	6 Cyl. 3.3L BRP HO E-Tec Portside w/O. D. Oil Groove Portside w/O.D. Oil Groove	4.075"	.125"	1.725"	5.445"	N	RS
1258FSA	09-11	3.854"	200	6 Cyl. 3.3L BRP HO E-Tec Starboard 2/O.D. Oil Groove Starboard w/O.D. Oil Groove	4.055"	.125"	1.725"	5.445"	N	RS
1258FSB	09-11	3.854"	200	6 Cyl. 3.3L BRP HO E-Tec Starboard 2/O.D. Oil Groove Starboard w/O.D. Oil Groove	4.075"	.125"	1.725"	5.445"	N	RS
1023FA	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.875"	0.250"	1.740"	5.995"	N	RS
1023FB	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.895"	0.250"	1.740"	5.995"	N	RS
1023SA	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.875"	None	1.740"	5.595"	N	RS
1023SB	85-89	3.500"	120	4 Cyl. Small Bore Looper	3.895"	None	1.740"	5.595"	N	RS
1025FA	88-92	3.685"	200	6 Cyl. Big Bore Looper	3.875"	None	1.715"	5.225"	N	RS
1025FB	88-92	3.685"	200	6 Cyl. Big Bore Looper	3.895"	0.375"	1.715"	5.225"	N	RS
1025SA	88-92	3.685"	200	6 Cyl. Big Bore Looper	3.875"	None	1.715"	5.225"	N	RS
1025SB	88-92	3.685"	200	6 Cyl. Big Bore Looper	3.895"	None	1.715"	5.225"	N	RS
1040FB	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.895"	0.25"	1.710"	5.225"	N	RS
1040SA	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.875"	None	1.710"	5.225"	N	RS
1040SB	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.895"	None	1.710"	5.225"	N	RS
1040SC	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.905"	None	1.710"	5.225"	N	RS
1197FA	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.875"	.200"	1.710"	5.225"		RS
1197FB	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.895"	.200"	1.710"	5.225"		RS
1112PSA	98-00	3.685"	225, 250	6 Cyl. 3.0L HO w/4 Finger Ports Portside	3.875"	None	1.740"	5.225"	Y	RS
1112PSB	98-00	3.685"	225, 250	6 Cyl. 3.0L HO w/4 Finger Ports Portside	3.895"	None	1.740"	5.225"	Y	RS
1112SSA	98-00	3.685"	225, 250	6 Cyl. 3.0L HO w/4 Finger Ports Starboard	3.875"	None	1.740"	5.225"	Y	RS
1112SSB	98-00	3.685"	225, 250	6 Cyl. 3.0L HO w/4 Finger Ports Starboard	3.895"	None	1.740"	5.225"	Y	RS
1113FA	99-17	3.854"	200, 225	6 Cyl. 3.0L Ficht with 4 Finger Ports	4.055"	0.125"	1.775"	5.460"	N	RS
1113FB	99-17	3.854"	200, 225	6 Cyl. 3.0L Ficht with 4 Finger Ports	4.075"	0.125"	1.775"	5.460"	N	RS
1135FA	01-08	3.854"	225, 250	6 Cyl. 3.3L Ficht/E-Tec HO	4.055"	0.125"	1.685"	5.460"	N	RS
1135FB	01-08	3.854"	225, 250	6 Cyl. 3.3L Ficht/E-Tec HO	4.075"	0.125"	1.685"	5.460"	N	RS
1243FPA	09-11	3.854"	225	6 Cyl. 3.3L BRP HO E-Tec w/O.D. Oil Groove Portside	4.055"	.125"	1.685"	5.445"	N	RS
1243FPB	09-11	3.854"	225	6 Cyl. 3.3L BRP HO E-Tec w/O.D. Oil Groove Portside	4.075"	.125"	1.685"	5.445"	N	RS
1243FSA	09-11	3.854"	225	6 Cyl. 3.3L BRP HO E-Tec w/O.D. Oil Groove Starboard	4.055"	.125"	1.685"	5.445"	N	RS
1243FSB	09-11	3.854"	225	6 Cyl. 3.3L BRP HO E-Tec w/O.D. Oil Groove Starboard	4.075"	.125"	1.685"	5.445"		RS
1001FA	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.753"	1.425"	None	5.125"	N	CS
1001FB	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.753"	1.425"	None	5.125"	N	CS
1001FC	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.878"	1.425"	None	5.125"	N	CS
1001SA	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.753"	None	None	5.125"	N	CS
1001SB	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.815"	None	None	5.125"	N	CS
1001SC	76-91	3.625"	175, 235	6 Cyl. Big Bore Crossflow	3.878"	None	None	5.125"	N	CS

OMC

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1112PSA	98-00	3.685"	225, 250	6 Cyl. 3.0L HO w/4 Finger Ports Portside	3.875"	None	1.720"	5.225"	Y	RS
1112PSB	98-00	3.685"	225, 250	6 Cyl. 3.0L HO w/4 Finger Ports Portside	3.895"	None	1.720"	5.225"	Y	RS
1112SSA	98-00	3.685"	225, 250	6 Cyl. 3.0L HO w/4 Finger Ports Starboard	3.875"	None	1.720"	5.225"	Y	RS
1112SSB	98-00	3.685"	225, 250	6 Cyl. 3.0L HO w/4 Finger Ports Starboard	3.895"	None	1.720"	5.225"	Y	RS
1135FA	01-08	3.854"	225, 250	6 Cyl. 3.3L Ficht/E-Tec HO	4.055"	0.125"	1.685"	5.460"	N	RS
1135FB	01-08	3.854"	225, 250	6 Cyl. 3.3L Ficht/E-Tec HO	4.075"	0.125"	1.685"	5.460"	N	RS
1238FA	08-10	3.854"	250	6 Cyl. BRP HO E-Tec	4.055"	.200"	1.685"	5.520"	N	RS
1238FB	08-10	3.854"	250	6 Cyl. BRP HO E-Tec	4.075"	.200"	1.685"	5.520"	N	RS
1253FPA	09-15	3.854"	250	250Hp BRP HO E-Tec w/Oil Grooves, Portside	4.055"	.200"	1.687"	5.520"	N	RS
1253FPB	09-15	3.854"	250	250Hp BRP HO E-Tec w/Oil Grooves, Portside	4.075"	.200"	1.687"	5.520"	N	RS
1253FSA	09-15	3.854"	250	250Hp BRP HO E-Tec w/Oil Grooves, Starboard	4.055"	.200"	1.687"	5.520"	N	RS
1253FSB	09-15	3.854"	250	250Hp BRP HO E-Tec w/Oil Grooves, Starboard	4.075"	.200"	1.687"	5.520"	N	RS
1013FA	85-87	3.500"	275	8 Cyl.	3.875"	.250"	1.675"	5.595"	N	RS
1013SA	85-87	3.500"	275	8 Cyl.	3.875"	None	1.675"	5.595"	N	RS
1013SB	85-87	3.500"	275	8 Cyl.	3.895"	None	1.675"	5.595"	N	RS
1068SA	85-87	3.500"	300	8 Cyl.	3.875"	None	None	5.595"	Y	RS
1068SB	85-87	3.500"	300	8 Cyl.	3.895"	None	None	5.595"	Y	RS
1040FB	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.895"	0.25"	1.710"	5.225"	N	RS
1040SA	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.875"	None	1.710"	5.225"	N	RS
1040SB	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.895"	None	1.710"	5.225"	N	RS
1040SC	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.905"	None	1.710"	5.225"	N	RS
1197FA	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.875"	.200"	1.710"	5.225"	N	RS
1197FB	91-02	3.685"	200, 225	6 Cyl. Looper w/4 Finger Ports	3.895"	.200"	1.710"	5.225"	N	RS
1025FA	88-92	3.685"	250	8 Cyl. Big Bore Looper	3.875"	None	1.715"	5.225"	N	RS
1025FB	88-92	3.685"	250	8 Cyl. Big Bore Looper	3.895"	0.375"	1.715"	5.225"	N	RS
1025SA	88-92	3.685"	250	8 Cyl. Big Bore Looper	3.875"	None	1.715"	5.225"	N	RS
1025SB	88-92	3.685"	250	8 Cyl. Big Bore Looper	3.895"	None	1.715"	5.225"	N	RS
1002FA	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.875"	.375"	1.780"	5.225"	N	RS
1002FB	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.895"	.375"	1.780"	5.225"	N	RS
1002FC	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.915"	.375"	1.780"	5.225"	N	RS
1002SA	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.875"	None	1.780"	5.225"	N	RS
1002SB	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.895"	None	1.780"	5.225"	N	RS
1002SC	89-95	3.685"	120, 125, 140, 300	4 & 8 Cyl. Big Bore Looper	3.915"	None	1.780"	5.225"	N	RS
1238FA	08-10	3.854"	250	6 Cyl. BRP HO E-Tec	4.055"	.200"	1.685"	5.520"	N	RS
1238FB	08-10	3.854"	250	6 Cyl. BRP HO E-Tec	4.075"	.200"	1.685"	5.520"	N	RS
1235FPA	09-11	3.854"	300	6 Cyl. BR 3.4L BRP E-Tec w/Oil Groove 3.4L	4.055"	.200"	1.690"	5.520"	N	RS
1235FSA	09-11	3.854"	300	6 Cyl. BR 3.4L BRP E-Tec w/Oil Groove 3.4L	4.055"	.200"	1.690"	5.520"	N	RS

SUZUKI

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1122SA	88-00	2.440"	25, 30	3 Cyl. DT25, DT30	3.644	None	1.640"	4.750"	Y	RS
1122SB	88-00	2.440"	25, 30	3 Cyl. DT25, DT30	3.664	None	1.640"	4.750"	Y	RS
1122SA	88-00	2.440"	25, 30	3 Cyl. DT25, DT30	3.644	None	1.640"	4.750"	Y	RS
1122SB	88-00	2.440"	25, 30	3 Cyl. DT25, DT30	3.664	None	1.640"	4.750"	Y	RS
1111FA	82	3.000"	40	2 Cyl.	3.275"	0.205"	1.675"	5.690"	Y	RS
1084SA	85-97	2.874"	55, 65	3 Cyl. DT55, DT65	3.156"	None	1.735"	5.440"	N	RS
1084SB	85-97	2.874"	55, 65	3 Cyl. DT55, DT65	3.176"	None	1.735"	5.440"	N	RS
1084SA	85-97	2.874"	55, 65	3 Cyl. DT55, DT65	3.156"	None	1.735"	5.440"	N	RS
1084SB	85-97	2.874"	55, 65	3 Cyl. DT55, DT65	3.176"	None	1.735"	5.440"	N	RS
1085SA	80-00	2.874"	75, 85	3 Cyl. DT75, DT85	3.672	None	1.660"	5.475"	N	RS
1085SB	80-00	2.874"	75, 85	3 Cyl. DT75, DT85	3.692	None	1.660"	5.475"	N	RS
1085SA	80-00	2.874"	75, 85	3 Cyl. DT75, DT85	3.672	None	1.660"	5.475"	N	RS
1085SB	80-00	2.874"	75, 85	3 Cyl. DT75, DT85	3.692	None	1.660"	5.475"	N	RS
1145SA	81-91	3.307"	115, 140	4 Cyl DT-115 Carbureted	3.672"	None	1.740"	6.520"	N	RS
1130FA	81-00	3.307"	150	6 Cyl. EFI Super Six	3.590"	0.240"	1.945"	6.520"	N	RSN

SUZUKI

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1069FA	89-00	3.307"	150	6 Cyl. EFI Super Six	3.739"	0.225"	1.935"	6.525"	Y	RSN
1069FB	89-00	3.307"	150	6 Cyl. EFI Super Six	3.759"	0.225"	1.935"	6.525"	Y	RSN
1069FC	89-00	3.307"	150	6 Cyl. EFI Super Six	3.779"	0.225"	1.935"	6.525"	Y	RSN
1069FA	89-00	3.307"	150	6 Cyl. EFI Super Six	3.739"	0.225"	1.935"	6.525"	Y	RSN
1069FB	89-00	3.307"	150	6 Cyl. EFI Super Six	3.759"	0.225"	1.935"	6.525"	Y	RSN
1069FC	89-00	3.307"	150	6 Cyl. EFI Super Six	3.779"	0.225"	1.935"	6.525"	Y	RSN
1108FA	81-93	3.307"	175	6 Cyl. DT-175	3.590"	0.235"	1.945"	6.525"	Y	RS
1169FA	93-03	3.307"	225	6 Cyl. 2.7L DT225 Bottom Transfers Open	3.742	0.240"	1.920"	6.525"	Y	RS
1170FA	93-03	3.307"	225	6 Cyl. 2.7L DT225 Bottom Transfers Closed	3.742	0.240"	1.920"	6.525"	N	RS

SUZUKI 4 STROKE

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1295SA		67mm	90	4 Stroke	3.113			5.500"		
1250SA	01-07	83mm	115	4 Cyl. DF115	3.600"	None	None	5.500"	N	RS
1288SA		86mm	140	DF140						
1277SA		97mm	150	4 Stroke	4.050"	None	None	5.800"		
1281SA		97mm	150, 175	DF150, DF175	4.031"	None	None	6.000"		
1263SA	01-07	97mm	300	4 Stroke	4.125"	None	None	5.500"	N	

TOHATSU

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1171SA	98	2.626"	18	2 Cyl.	2.960"	None	1.325"	4.355"	Y	RS
1171SB	98	2.626"	18	2 Cyl.	2.980"	None	1.325"	4.355"	Y	RS
1060SA	All	2.677"	25	2 Cyl. M25C2	2.960"	None	1.430"	4.880"	Y	RS
1060SB	All	2.677"	25	2 Cyl. M25C2	2.980"	None	1.430"	4.880"	Y	RS
1059SA	90-00	2.677"	30	2 Cyl. M30A3	2.960"	None	1.475"	4.880"	Y	RS
1059SB	90-00	2.677"	30	2 Cyl. M30A3	2.980"	None	1.475"	4.880"	Y	RS
1058SA	85-95	2.755"	40	2 Cyl. M40C	3.017"	None	1.445"	5.160"	Y	RS
1058SB	85-95	2.755"	40	2 Cyl. M40C	3.037"	None	1.445"	5.160"	Y	RS
1057SA	92-04	2.677"	40, 50	3 Cyl. M40D, M50D	2.940"	None	None	5.105"	Y	RS
1057SB	92-04	2.677"	40, 50	3 Cyl. M40D, M50D	2.960"	None	None	5.105"	Y	RS
1133SA	86-91	3.189"	50, 55	2 Cyl.	3.535"	None	1.775"	5.905"	N	RS
1133SB	86-91	3.189"	50, 55	2 Cyl.	3.555"	None	1.775"	5.905"	N	RS
1057SA	92-04	2.677"	40, 50	3 Cyl. M40D, M50D	2.940"	None	None	5.105"	Y	RS
1057SB	92-04	2.677"	40, 50	3 Cyl. M40D, M50D	2.960"	None	None	5.105"	Y	RS
1133SA	86-91	3.189"	50, 55	2 Cyl.	3.535"	None	1.775"	5.905"	N	RS
1133SB	86-91	3.189"	50, 55	2 Cyl.	3.555"	None	1.775"	5.905"	N	RS
1056SA	94-04	2.914"	70	3 Cyl. M70B	3.197"	None	1.780"	5.825"	Y	RS
1083SA	86-90	3.385"	70	2 Cyl.	3.745"	None	1.670"	5.910"	N	RS
1083SB	86-90	3.385"	70	2 Cyl.	3.765"	None	1.670"	5.910"	N	RS
1056SA	94-04	2.914"	70	3 Cyl. M70B	3.197"	None	1.780"	5.825"	Y	RS
1046SA	93-05	3.385"	90	3 Cyl. M90B	3.745"	None	1.790"	5.900"	Y	RS
1046SB	93-05	3.385"	90	3 Cyl. M90B	3.765"	None	1.790"	5.900"	Y	RS
1244SA	06-12	3.385"	90	3 Cyl. TLDI	3.745"	None	1.761"	5.900"	Y	RS
1055SA	93-04	3.464"	120, 140	4 Cyl. M120A, M140A	3.783"	None	1.595"	5.905"	Y	RS
1055SB	93-04	3.464"	120, 140	4 Cyl. M120A, M140A	3.803"	None	1.595"	5.905"	Y	RS
1248SA	06-12	3.464"	115	4 Cyl. TDLI	3.785"	None	1.582"	5.910"	N	RS
1055SA	93-04	3.464"	120, 140	4 Cyl. M120A, M140A	3.783"	None	1.595"	5.905"	Y	RS
1055SB	93-04	3.464"	120, 140	4 Cyl. M120A, M140A	3.803"	None	1.595"	5.905"	Y	RS
1055SA	93-04	3.464"	120, 140	4 Cyl. M120A, M140A	3.783"	None	1.595"	5.905"	Y	RS
1055SB	93-04	3.464"	120, 140	4 Cyl. M120A, M140A	3.803"	None	1.595"	5.905"	Y	RS

YAMAHA

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1262SA	84-97	56mm	9.9	2 Cyl.	2.410"	None	1.266"	3.990"	Y	RS
1103SA	80-84	2.834"	25	2 Cyl.	3.076"	None	1.630"	4.925"	Y	RS
1103SB	80-84	2.834"	25	2 Cyl.	3.096"	None	1.630"	4.925"	Y	RS
1140SA	86-00	2.342"	25, 30	3 Cyl.	2.543"	none	1.670"	4.740"	Y	RS
1076SA	79-94	2.953"	40	2 Cyl.	3.160"	None	None	5.325"	Y	RS

YAMAHA

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1033SA	83-04	2.637"	40, 50	3 Cyl.	2.838"	None	1.680"	5.255"	Y	RS
1033SB	83-04	2.637"	40, 50	3 Cyl.	2.858"	None	1.680"	5.255"	Y	RS
1295SA		2.637"	40, 50	3 Cyl.	2.840"	None		5.255"		
1034SA	83-04	2.834"	40, 50, 60, 70	3 Cyl.	3.074"	None	1.735"	5.555"	Y	RS
1034SB	83-04	2.834"	40, 50, 60, 70	3 Cyl.	3.094"	None	1.735"	5.555"	Y	RS
1035SA	83-08	3.228"	75, 85, 90	3 Cyl.	3.434"	None	1.815"	5.565"	Y	RS
1035SB	83-08	3.228"	75, 85, 90	3 Cyl.	3.454"	None	1.815"	5.565"	Y	RS
1038SA	83-88	3.544"	115, 130	4 Cyl.	3.748"	None	1.790"	5.175"	N	RS
1038SB	83-88	3.544"	115, 130	4 Cyl.	3.768"	None	1.790"	5.175"	N	RS
1287SA	83-88	3.544"	115	115HP	3.748"	None	1.771"	5.175"	Y	RS
1287SB	83-88	3.544"	115	115HP	3.768"	None	1.771"	5.175"	Y	RS
1086SA	89-04	3.544"	115	4 Cyl.	3.748"	None	1.680"	5.180"	Y	RS
1086SB	89-04	3.544"	115	4 Cyl.	3.768"	None	1.680"	5.180"	Y	RS
1038SA	83-88	3.544"	115, 130	4 Cyl.	3.748"	None	1.790"	5.175"	N	RS
1038SB	83-88	3.544"	115, 130	4 Cyl.	3.768"	None	1.790"	5.175"	N	RS
1036SA	89-02	3.544"	130	4 Cyl.	3.748"	None	1.680"	5.175"	Y	RS
1036SB	89-02	3.544"	130	4 Cyl.	3.768"	None	1.680"	5.175"	Y	RS
1079SA	88-97	3.544"	150	6 Cyl. Pro V	3.748"	None	1.690"	5.180"	Y	RS
1079SB	88-97	3.544"	150	6 Cyl. Pro V	3.768"	None	1.690"	5.180"	Y	RS
1106SA	93-06	3.544"	150	6 Cyl. 6RV	3.787"	None	1.795"	5.175"	Y	RS
1106SB	93-06	3.544"	150	6 Cyl. 6RV	3.807"	None	1.795"	5.175"	Y	RS
1106SC	93-06	3.544"	150	6 Cyl. 6RV	3.827"	None	1.795"	5.175"	Y	RS
1074SA	83-88	3.544"	150, 175, 200	6 Cyl.	3.748"	None	1.660"	5.175"	N	RS
1074SB	83-88	3.544"	150, 175, 200	6 Cyl.	3.768"	None	1.660"	5.175"	N	RS
1074SC	83-88	3.544"	150, 175, 200	6 Cyl.	3.788"	None	1.660"	5.175"	N	RS
1199SA	2001	3.544"	150	6 Cyl. EFI "F"	3.787"	None	1.800"	5.175"	Y	RS
1199SB	2001	3.544"	150	6 Cyl. EFI "F"	3.807"	None	1.800"	5.175"	Y	RS
1174SA	98-07	3.544"	150	6 Cyl. V-Max HPDI	3.787"	None	1.820"	5.175"	Y	RS
1174SB	98-07	3.544"	150	6 Cyl. V-Max HPDI	3.807"	None	1.820"	5.175"	Y	RS
1174SC	98-07	3.544"	150	6 Cyl. V-Max HPDI	3.827"	None	1.820"	5.175"	Y	RS
1037SA	90-04	3.544"	175, 200	6 Cyl.	3.787"	None	1.710"	5.175"	N	RS
1037SB	90-04	3.544"	175, 200	6 Cyl.	3.807"	None	1.710"	5.175"	N	RS
1074SA	83-88	3.544"	150, 175, 200	6 Cyl.	3.748"	None	1.660"	5.175"	N	RS
1074SB	83-88	3.544"	150, 175, 200	6 Cyl.	3.768"	None	1.660"	5.175"	N	RS
1074SC	83-88	3.544"	150, 175, 200	6 Cyl.	3.788"	None	1.660"	5.175"	N	RS
1037SA	90-04	3.544"	175, 200	6 Cyl.	3.787"	None	1.710"	5.175"	N	RS
1037SB	90-04	3.544"	175, 200	6 Cyl.	3.807"	None	1.710"	5.175"	N	RS
1090SA	93-05	3.544"	200	6 Cyl. Pro V HPDI / Saltwater HPDI	3.787"	None	1.705"	5.175"	N	RS
1090SB	93-05	3.544"	200	6 Cyl. Pro V HPDI / Saltwater HPDI	3.807"	None	1.705"	5.175"	Y	RS
1090SA	93-05	3.544"	200	6 Cyl. Pro V HPDI / Saltwater HPDI	3.787"	None	1.705"	5.175"	Y	RS
1090SB	93-05	3.544"	200	6 Cyl. Pro V HPDI / Saltwater HPDI	3.807"	None	1.705"	5.175"	Y	RS
1093SA	98-04	3.544"	200	6 Cyl. V Max/ TLRX	3.787"	None	1.760"	5.175"	Y	RS
1093SB	98-04	3.544"	200	6 Cyl. V Max/ TLRX	3.807"	None	1.760"	5.175"	Y	RS
1155SA	01-12	3.544"	175, 200	6 Cyl. SX / TXYR	3.787"	None	1.755"	5.175"	Y	RS
1155SB	01-12	3.544"	175, 200	6 Cyl. SX / TXYR	3.807"	None	1.755"	5.175"	Y	RS
1298SA	05	3.544"	200, 225	VX250 TLRB	3.903"	None	2.050"	6.350"	Y	RS
1219SA	03	3.661"	225	6 Cyl. 3.3L HPDI VZ / TLRD	3.981"	None	2.043"	6.350"	Y	
1172SA	85-88	3.544"	225	6 Cyl. 2.6L	3.748"	None	1.635"	5.163"	N	RS
1104SA	92-98	3.544"	225, 250	6 Cyl. 3.1L V76X	3.903"	None	1.930"	6.350"	N	RS
1104SB	92-98	3.544"	225, 250	6 Cyl. 3.1L V76X	3.923"	None	1.930"	6.350"	N	RS
1104SC	92-98	3.544"	225, 250	6 Cyl. 3.1L V76X	3.943"	None	1.930"	6.350"	N	RS
1102SA	96-98	3.544"	225, 250	6 Cyl.	3.903"	None	2.085"	6.350"	Y	RS
1102SB	96-98	3.544"	225, 250	6 Cyl.	3.923"	None	2.085"	6.350"	Y	RS
1102SC	96-98	3.544"	225, 250	6 Cyl.	3.943"	None	2.085"	6.350"	Y	RS
1104SA	92-98	3.544"	225, 250	6 Cyl. 3.1L V76X	3.903"	None	1.930"	6.350"	N	RS
1104SB	92-98	3.544"	225, 250	6 Cyl. 3.1L V76X	3.923"	None	1.930"	6.350"	N	RS
1104SC	92-98	3.544"	225, 250	6 Cyl. 3.1L V76X	3.943"	None	1.930"	6.350"	N	RS
1105SA	92	3.544"	250	6 Cyl.	3.903"	None	1.910"	6.350"	N	RS
1105SB	92	3.544"	250	6 Cyl.	3.923"	None	1.910"	6.350"	N	RS
1080SA	93	3.544"	250	6 Cyl.	3.903"	None	1.865"	6.350"	N	RS
1080SB	93	3.544"	250	6 Cyl.	3.923"	None	1.865"	6.350"	N	RS

YAMAHA

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1102SA	96-98	3.544"	225, 250	6 Cyl.	3.903"	None	2.085"	6.350"	Y	RS
1102SB	96-98	3.544"	225, 250	6 Cyl.	3.923"	None	2.085"	6.350"	Y	RS
1102SC	96-98	3.544"	225, 250	6 Cyl.	3.943"	None	2.085"	6.350"	Y	RS
1107SA	99-00	3.544"	250	6 Cyl. V76X EFI & Carb.	3.903"	None	1.994"	6.350"	Y	RS
1107SB	99-00	3.544"	250	6 Cyl. V76X EFI & Carb.	3.923"	None	1.994"	6.350"	Y	RS
1107SC	99-00	3.544"	250	6 Cyl. V76X EFI & Carb.	3.943"	None	1.994"	6.350"	Y	RS
1192SA	2001	3.661"	250	SX250Z Offshore Engine 250 HPDI	3.981"	None	1.900"	6.350"	Y	RS
1192SA	2001	3.661"	250	SX250Z Offshore Engine 250 HPDI	4.001"	None	1.900"	6.350"	Y	RS
1195SA	2001-03	3.544"	250	6 Cyl. VX TLAB	3.903"	None	1.960"	6.350"	Y	RS
1195SB	2001-03	3.544"	250	6 Cyl. VX TLRB	3.923"	None	1.960"	6.350"	Y	RS
1219SA	2003	3.661"	225	6 Cyl. 3.3L HPDI VZ TLRB	3.981"	None	2.043"	6.350"	Y	
1184SA	2002-06	3.661"	250	6 Cyl. 3.3L Z / TVRB HPDI	3.981"	None	2.080"	6.350"	Y	RS
1184SB	2002-06	3.661"	250	6 Cyl. Z / TVRB HPDI	4.001"	None	2.080"	6.350"	Y	RS
1217SA	2004	3.661"	250	6 Cyl. 3.3L Z / TRXT HPDI	3.981"	None	2.050"	6.350"	Y	RS
1217SB	2004	3.661"	250	6 Cyl. 3.3L Z / TRXT HPDI	4.001"	None	2.050"	6.350"	Y	RS
1247SA	2007-08	3.661"	250	6 Cyl. 3.3L VZ HPDI	3.981"	None	1.968"	6.350"	Y	RS
1247SB	2007-08	3.661"	250	6 Cyl. 3.3L VZ HPDI	3.981"	None	1.968"	6.350"	Y	RS
1192SA	2002-06	3.661"	300	6 Cyl. 3.3L HPDI	3.981"	None	1.900"	6.350"	Y	RS
1192SB	2002-06	3.661"	300	6 Cyl. 3.3L HPDI	4.001"	None	1.900"	6.350"	Y	RS
1192SC	2002-06	3.661"	300	6 Cyl. 3.3L HPDI	4.021"	None	1.900"	6.350"	Y	RS

YAMAHA 4-STROKE

Part #	Year	Bore	H.P.	Model	OD	Flange Thickness	Exh. Port Height	OAL	Comp. Notch	Type
1302SA	2015-UP	2.550"	25	25HP 4 Stroke	2.710"	None	None	4.600"	N	
1286SA	2000	63mm	50	4 Stroke F50LRY / F50TLRY	2.476"	None	None	5.195"	N	CS
1185SA	All	3.118"	100, 115	4 Stroke	3.270"	None	None	5.195"	N	CS
1185SB	All	3.118"	100, 115	4 Stroke	3.290"	None	None	5.195"	N	CS
1185SC	All	3.118"	100, 115	4 Stroke	3.310"	None	None	5.195"	N	CS
1240SA	2002	3.700"	150	F150 Four Stroke	3.875"	None	None	5.820"	N	RS
1240SB	2002	3.700"	150	F150 Four Stroke	3.895"	None	None	5.820"	N	RS
1240SC	2002	3.700"	150	F150 Four Stroke	3.905"	None	None	5.820"	N	RS
1303SA		96mm	150,200	2.8L 4 Cylinder F150-200	4.000"	None	None	5.820"	N	
1173SA	2002	3.700"	200, 225, 250	3.3L 4 Stroke	3.875"	None	None	4.850"	N	CS
1173SB	2002	3.700"	200, 225, 250	3.3L 4 Stroke	3.895"	None	None	4.850"	N	CS
1173SC	2002	3.700"	200, 225, 250	3.3L 4 Stroke	3.915"	None	None	4.850"	N	CS
1261SA	All	96mm	250	4.2L VF250 SHO Four Stroke	3.892"	None	None	5.325"	N	CS
1255SA	2012	96mm	300	4 Stroke	3.905"	None	None	5.500"	N	CS
1280SA		94mm	350	5.3L V8	3.875"	None	None	5.520"	N	



PWC

Arctic Cat, Kawasaki, Polaris, Sea Doo, Yamaha

PWC

ARCTIC CAT

Part #	Year	Bore	Model	OD	Sleeve Description	Type
3294FA	1993-99	76-79mm	Tiger Shsrk 640	3.275"	Flanged Sleeve w/ Ports	CS
3205FA	1996-99	83-87mm	Tiger Shsrk 770	3.590"	Flanged Sleeve w/ Ports	RS
3297FA	1995-96,99	76.5-81mm	Tiger Shsrk 900	3.352"	Flanged Sleeve w/ Ports	PA
3204FA	1997-98	81-83mm	Tiger Shsrk 1000	3.440"	Flanged Sleeve w/ Ports	PA
3216FA	1997-98	85-85.5mm	Tiger Shsrk 1000 Big Bore To 1100	3.620"	Flanged Sleeve w/ Ports	PA

KAWASAKI

Part #	Year	Bore	Model	OD	Sleeve Description	Type
3227FA	1986-90	75-77mm	JS550 Twin (Crankcase Machining Required)	3.115"	Flanged Sleeve w/ Ports	IC
3370FA	1991-96	75-77mm	JS550SX Reed	3.210"	Flanged Sleeve w/ Ports	CS
3043FA	1986-96	76-83mm	JS,JF,JL, 650 / JS750XSX A1,A2, A3, A4	3.440"	Flanged Sleeve w/ Ports	CS
3080FA	1992-95	81-83mm	JS750SS A1, A2 Sleeve Only works For 80-81mm Bore	3.315"	Flanged Sleeve w/ Ports	CS
3080FB	1992-95	81.5-84.5mm	JS750SS A1, A2 Sleeve Only works For 81.5-84.5mm Bore	3.490"	Flanged Sleeve w/ Ports	CS
3242FA	1995-97	80-85mm	JT750 STS B1, B2, B3	3.600"	Flanged Sleeve w/ Ports	CS
	1995-96		JS750 SXI B1, B2			
	1995-97		JH750 ZXI C1, C2, C3			
	1996-97		JH750 SSXI F1, F2			
	1996-97		JH750 SS E1, E2			
	1998		JT750 STX C1			
	1998-99		JH750 XI Sport			
	1999-02		JS750 SXI Pro			
			THICK SLEEVE			
3608FA	2003-09	82-83mm	SX-R 800	3.607"	Flanged Sleeve w/ Ports	CI
3228FA	1995-04	73-74mm	JS900ZXI, JT900STX, JS900STS Sleeve Only Works For 73-74mm Bore	3.065"	Flanged Sleeve w/ Ports	CS
3036FA	1996-03	80-86mm	JH1100ZXI Sleeve Has Flange On The Bottom	3.575	Flanged Sleeve w/ Ports	CS
	1996-03		JT1000STX, Sleeve Has Flange On The Bottom			
	2001-04		Ultra130 DI Sleeve Has Flange On The Bottom			
3911FA	1996-03	80-86mm	JH1100ZXI Regular Style Sleeve / Needs Epoxy		Flanged Sleeve w/ Ports	CS
	1996-03		JT1000STX, Regular Style Sleeve / Needs Epoxy			
	2001-04		Ultra130 DI Regular Style Sleeve / Needs Epoxy			
3293FA	1999-03	80-80.5mm	JH Ultra 150	3.330"	Flanged Sleeve w/ Ports	PA
	2001-04		STX R 1200			
3533FA	2007-08	83mm	STX 12F	3.465"	Flanged Sleeve w/ Ports	PA
3776FA	2007-08	83mm	Ultra 250X (JT1500B7F)	3.465"	Flanged Sleeve w/ Ports	PA

POLARIS

Part #	Year	Bore	Model	OD	Sleeve Description	Type
3229FA	1992-96	65-65.5mm	SL650	2.741"	Flanged Sleeve w/ Ports	CS
3211FA	1996-97	81-86mm	SL700, SLT750	3.551"	Flanged Sleeve w/ Ports	
	1998-04		SLH, SLTH			
	2002-04		700 Virage Freedom			
3243FA	1993-96	69.75mm	SL750, SLT750	2.930"	Flanged Sleeve w/ Ports	CS
3281FA	1995-97	71.3-722.5mm	SL, SLT, SLX780	3.017"	Flanged Sleeve w/ Ports	CS
3593FA	1997-98	69.7mm	SLX PRO 785	2.930"	Flanged Sleeve w/ Ports	RS
3230FA	1996-97	74.5mm	SLX900	3.295"	Flanged Sleeve w/ Ports	RS
3395FA	1996-99	81-86mm	SL, SLX, SLXT, SLXH1050	3.551"	Flanged Sleeve w/ Ports	RS
3321FA	1999-04	84-86mm	Genesis 1200 Triple, Virage TX, TXI, SLX, X-45 1200, Pro 1200	3.549"	Flanged Sleeve w/ Ports	RS
3672FA	2003-04	85mm	MSX 1200	3.506"	Flanged Sleeve w/ Ports	RS
	2003-04	85mm	MSX140			

SEA DOO

Part #	Year	Bore	Model	OD	Sleeve Description	Type
3184FA	1989-96	76-78mm	580LC (Short Finger Ports)	3.235"	Flanged Sleeve w/ Ports	RS
3241FA	1993-95	78-79mm	650XP, EP, SPI, SPX, GTX	3.314"	Flanged Sleeve w/ Ports	RS
3089FA	1995-04	82-84.5mm	718XP, GTI, HX, SPX, GTS, GS, GSI-750	3.490"	Flanged Sleeve w/ Ports	RS
3059FA	1995-04	82-84.5mm	780XP, SPX, GSX, GTX-785, GTX, GSX, RFI-785	3.527"	Flanged Sleeve w/ Ports	RS
3486FA	1995-04	82-85.5mm	785-DFI	3.530"	Flanged Sleeve w/ Ports	RS
3203FA	1997-05	88-91mm	951GSX, LTD, XP, GTX, LRV, RX, RX DI, GTX DI, XP DI (6 Port)	3.764"	Flanged Sleeve w/ Ports	RS
3203FB	1997-05	91-91.5mm	951GSX, LTD, XP, GTX, LRV, RX, RX DI, GTX DI, XP DI (6 Port) Big Bore	3.764"	Flanged Sleeve w/ Ports	RS
3487FA	ALL	88-91.5mm	951 DFI (5 Port)	3.765"	Flanged Sleeve w/ Ports	RS
3532FA	ALL	100-101mm	GTX, RTX, GTI 4 Tec Flanged Sleeve	4.180"	Flanged Sleeve w/o Ports	CS
3532SB	All	100-101mm	GTX, RTX, GTI 4 Tec Straight Sleeve	4.200"	Straight Sleeve w/o Ports	CS

YAMAHA

Part #	Year	Bore	Model	OD	Sleeve Description	Type
3307FA	1987-92	72-74mm	500 WAVE RUNNER, WAVE JAMMER	3.075"	Flanged Sleeve w/ Ports	RS
3215FA	1994-08	81-86mm	700 Super Jet, Wve Raider (62T)	3.546"	Flanged Sleeve w/ Ports	RS
3054FA	1994-95	81-84mm	701 Wave Blaster, Wave Runner	3.468"	Flanged Sleeve w/ Ports	RS
3233FA	1996-00	84-85mm	760 Wave Blaster, Wave Blaster 2, Wave Raider, Wave Runner GP760, Wave Venture XL750 (64X)	3.547"	Flanged Sleeve w/ Ports	RS
3291FA	1998-04	80-80.5mm	GP800	3.330"	Flanged Sleeve w/ Ports	PA
	2000-01		XL800			
	2000-04		XLT800			
3053FA	1995-97	81-86mm	Wave Raider 1100, Wave Venture 1100	3.545"	Flanged Sleeve w/ Ports	RS
3234FA	1997-99	84-85mm	Wave Runner, GP1200, XL1200 Triple, SUV1200	3.547"	Flanged Sleeve w/ Ports	RS
4000FB	1997-99	84-86mm	Wave Runner, GP1200, XL1200 Triple, SUV1200 Big Bore	3.565"	Flanged Sleeve w/ Ports	RS
3286FA	1998-01	80-80.5mm	XL1200LTD Ceramic Bore	3.330"	Flanged Sleeve w/ Ports	PA
	2000-02		GP1200 GR, R Ceramic Bore			
	2001-02		XLT1200 Ceramic Bore			
3448FA	2003-08	84-85mm	GP1300 3 Cylinder Ceramic Bore (60T)	3.150"	Flanged Sleeve w/ Ports	PA
3924FA	2003-08	84-85mm	GP1300 3 Cylinder Ceramic Bore (60T) Thick Sleeve	3.602"	Flanged Sleeve w/ Ports	PA
3544SA	2005-08	76mm	VX110	3.190"	Straight Sleeve w/o Ports	PA
3369SA	2002-08	74-76mm	FX-140	3.150"	Straight Sleeve w/o Ports	PA
6119SA	2002-08	74-76mm	FX-140 Aluminum Sleeve (MUST BE PLATED AFTER INSTALLATION)	3.150"	Straight Sleeve w/o Ports	PA
1274SA		86MM	Supercharged 1.8L	3.565"	Straight Sleeve w/o Ports	





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Special thanks to the photographers: Ryan Beckley / DoubleEdge Motorsports - Chris Fairchild / Fairchild Racing
Gordon Montague / Monty Racing - Demi Morgan / High Speed Industries