BAYSAN MARINE
TRANSMISSIONS

CATALOG

2018

38th year in Gear manufacturing

Baysan that began to produce gears in 1978, has proved its quality in national and international markets, found a place in a big range as ABD taking the first place in Canada Athens, Netherlands, Denmark, Italy, Germany, UK,

Algeria, Russia, China Sweden, Norway and far east countries besides Turkey.

Baysan, one of the leading manufacturer of Turkiye in production technology, provides system and gear requests of the main industry firms which work in automotive, agriculture and construction machines fields.

In addition, has gone towards producing 4 mechanic and 6 hydraulic marine gearboxes designed by itself and by continual expanding dealer network has been expanding product range in these fields.

Baysan has adapted its rising target in Turkish markets by "Continuous development" principle to production and marketing services and defined its middle term target "being a marking both in national and international markets".

Producing is an Art

All functional activities, assembling and test operations have being made in Baysan firm, processes like casting and forging, sheet press, hardware provided from Turkish firms which makes producing activities in compliance with ISO 9001 procedure. With kinds of Heat treatments activities like case hardening, nitration, cementation, zinc coating, phosphate coating, spray painting and kiln drying have been made in firms which makes producing activities comply with ISO 9001 procedure.

Quality Policy

Basic quality policy of BAYSAN MAKİNE DİŞLİ SANAYİ is, in order to serve requests of customers without missing, to obey the rules of changing conditions of the world by;

- Staffs,
- Other Industries,
- Quality system,
- Knowledge,
- Developed manufacturing Technologies.

Besides our modern service insight, experienced staffs innovative and researcher workers, with high technology machine park 12 months continious production has been made and national and international customer's demands have been provided in high sensibility.

Certificates

ISO 9001:2008 (December 2010)

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M10

Mechanical Marine Gearbox

Vertical Reduction
Maximum Power: 10 hp (7.5 Kw)

TECHNICAL DETAILS

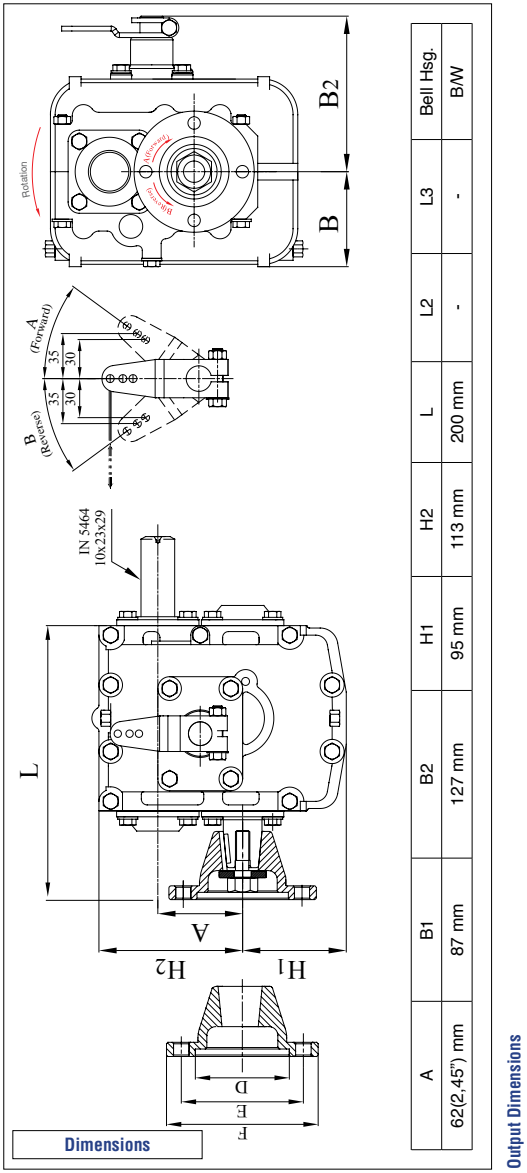
Oil type	SAE 80 W 90
Oil capacity	1,0 lt.
Weight without flange	10 kg.

Pleasure Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2800 rpm		3000 rpm		3600 rpm		
■ 2,0	1,9	20	0,24	0,32	5,2	7	5,9	8	8,15	11	3600
■ 2,5	1,9	18	0,19	0,25	3,7	5	4,5	6	6,6	9	3600
Maximum Input Power (8 kw)											

Heavy Duty

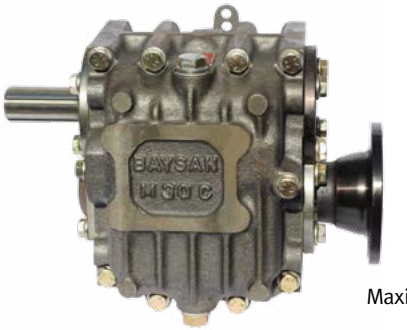
RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2800 rpm		3000 rpm		3600 rpm		
■ 2,0	1,9	16	0,16	0,22	4,44	6	4,89	6,6	5,93	8	3600
■ 2,5	1,9	14	0,14	0,19	3,94	5,32	4,22	5,7	5,19	7	3600
Maximum Input Power (6 kw)											



	A	B1	B2	H1	H2	L	L2	L3	Bell Hsg.
	62(2,45") mm	87 mm	127 mm	95 mm	113 mm	200 mm	-	-	B/W

Output Dimensions

	D	E	F	Holes No.	Holes Dia.
mm / inch	63,5 (2,5")	82,5 (3,25")	102 (4,00")	4	10,5



M30C
Mechanical Marine Gearbox

Vertical Reduction
Maximum Power: 22 hp (16 Kw)

TECHNICAL DETAILS

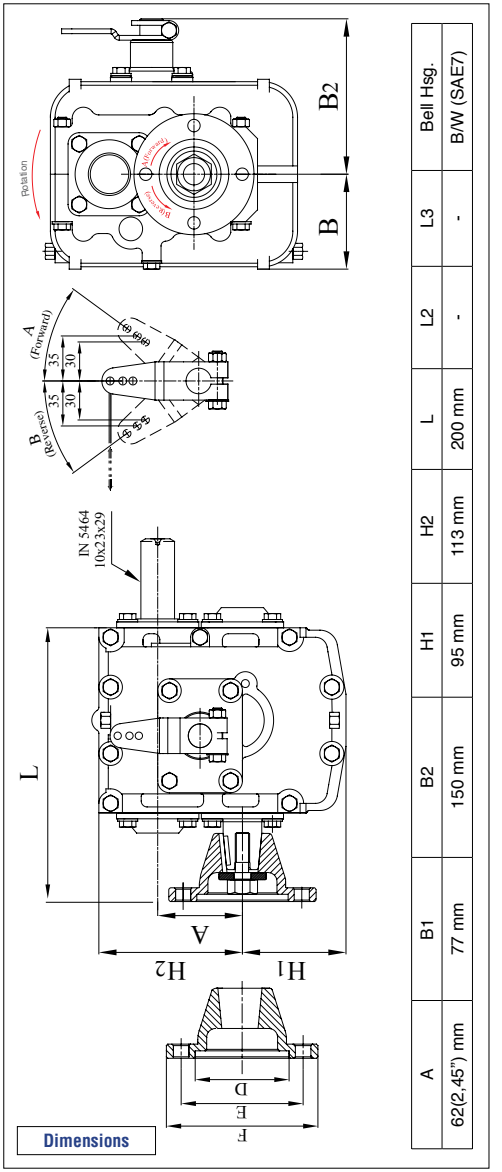
Oil type	SAE 80 W 90
Oil capacity	0,8 lt.
Weight without flange	17,4 kg.

Pleasure Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	Kw	Hp	Kw	Hp	MAX. RPM
					3000 rpm		3600 rpm		3800 rpm		
■ 1,125	1,9	60	0,49	0,65	19	25	19	25	19	25	4000
■ 1,5	1,9	60	0,45	0,60	15	20	17	23	17	23	4000
■ 1,8-2,0	1,9	55	0,43	0,58	14	19	16	22	16	22	4000
■ 2,5	1,9	50	0,37	0,50	13	17	14	19	15	20	4000
Maximum Input Power (16 kw)											

Heavy Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	Kw	Hp	Kw	Hp	MAX. RPM
					3000 rpm		3600 rpm		3800 rpm		
■ 1,8-2,0	1,9	44	0,35	0,50	11	15	13	18	13	18	4000
■ 2,5	1,9	40	0,30	0,40	10	14	11	15	12	16	4000
Maximum Input Power (13 kw)											



	A	B1	B2	H1	H2	L	L2	L3	Bell Hsg.
	62(2,45") mm	77 mm	150 mm	95 mm	113 mm	200 mm	-	-	B/W (SAE7)

Output Dimensions

	D	E	F	Holes No.	Holes Dia.
mm / inch	63,5 (2,5")	82,5 (3,25")	102 (4,00")	4	10,5

M30
Mechanical Marine Gearbox

Vertical Reduction
Maximum Power: 21 hp (16 Kw)

TECHNICAL DETAILS

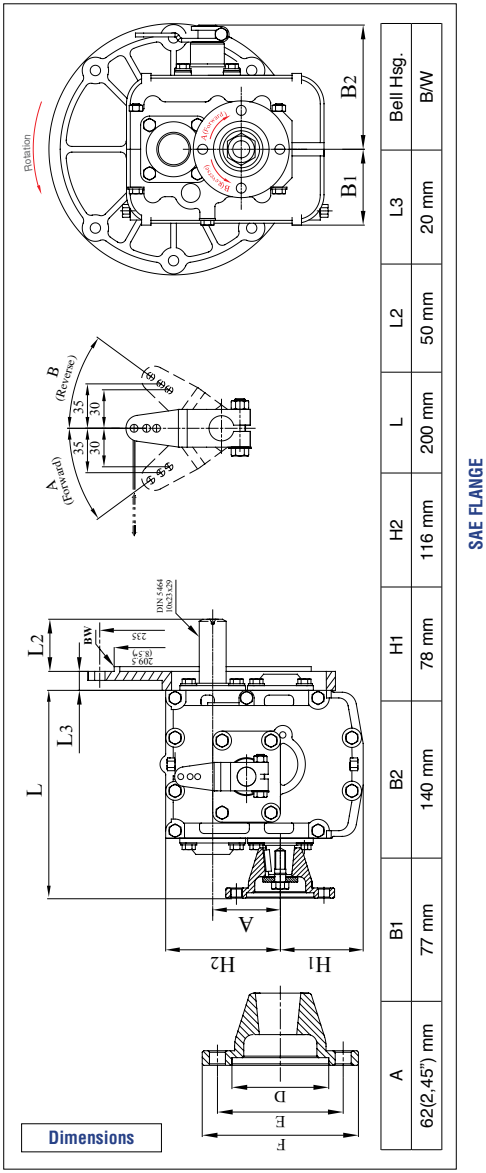
Oil type	ATF - Shell Donax Tx
Oil capacity	0,35 lt.
Weight without flange	11 kg.

Pleasure Duty

RATIOS (A) Pos	RATIOS (B) Pos	M.T Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	Hp	Kw	Hp	Kw	Hp	MAX. RPM
					3000 rpm		3600 rpm		3800 rpm		
1,8/1-2/1	1,9	50	0,44	0,58	13,43	18	15,67	21	15,67	21	4000
2,5	1,9	45	0,41	0,55	12,69	17	15,00	20	15,00	20	4000
Maximum Input Power (16 kw)											

Heavy Duty

RATIOS (A) Pos	RATIOS (B) Pos	M.T Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	Hp	Kw	Hp	Kw	Hp	MAX. RPM
					3000 rpm		3600 rpm		3800 rpm		
1,8/1 2/1	1,9	40	0,44	0,46	10,75	14,40	12,54	16,80	12,54	16,80	4000
2,5	1,9	35	0,41	0,40	10,15	13,60	12,00	16,00	12,00	16,00	4000
Maximum Input Power (12 kw)											



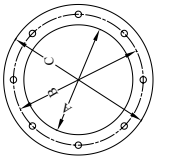
Dimensions

	A	B1	B2	H1	H2	L	L2	L3	Bell Hsg.
	62(2,45") mm	77 mm	140 mm	78 mm	116 mm	200 mm	50 mm	20 mm	B/W

Output Dimensions

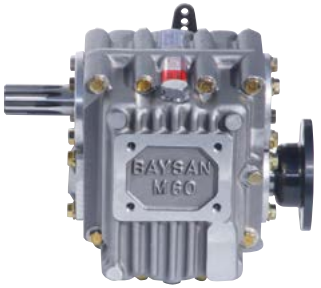
D	E	F	Holes No.	Holes Dia.
mm / inch				
63,5 (2,5")	82,5 (3,25")	102 (4,00")	4	10,5

SAE FLANGE



SAE Flange Dimensions

SAE No	A mm	B mm	C mm	Hole Dimensions No.	Hole Dimensions Dia.
5	314,3	333,4	356	8	11
4	361,9	381	403	12	11



M60

Mechanical Marine Gearbox

Vertical Reduction
Maximum Power: 63 hp (47 Kw)

TECHNICAL DETAILS

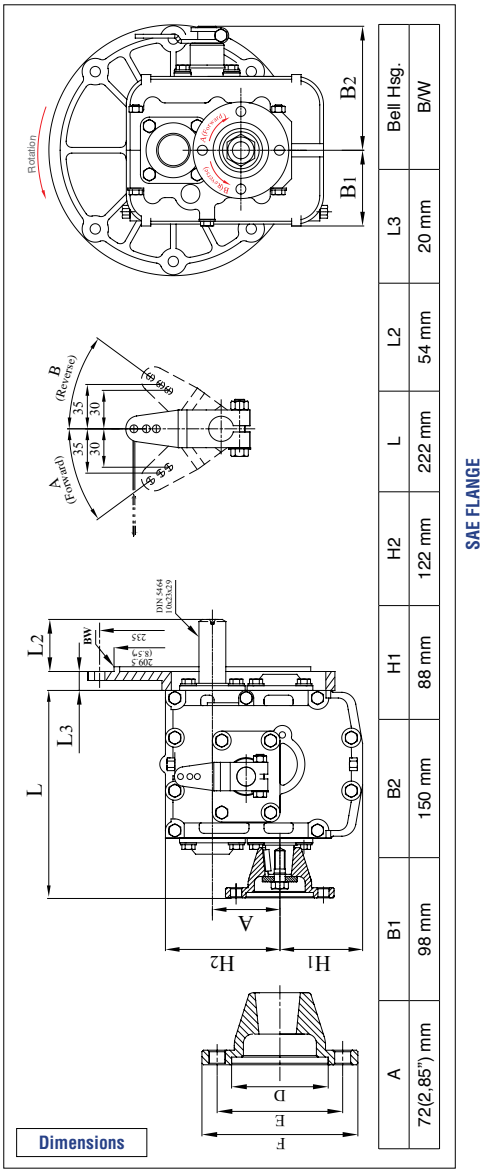
Oil type	ATF - Shell Donax Tx
Oil capacity	0,50 lt.
Weight without flange	17 kg.

Pleasure Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2800 rpm		3000 rpm		3600 rpm		
2,13	1,95	125	1,30	1,76	37	49	39	53	47	63	4000
2,63	1,95	106	1,15	1,49	31	42	33	45	40	54	4000
2,94	1,95	95	1,04	1,40	27	36	29	39	36	49	4000
Maximum Input Power (47 kw)											

Heavy Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2800 rpm		3000 rpm		3600 rpm		
2,13	1,95	97	1,04	1,40	29	39	31	42	37	50	3600
2,63	1,95	87	0,93	1,25	26	35	27	37	33	45	3600
2,94	1,95	75	0,80	1,12	21	29	24	32	30	40	3600
Maximum Input Power (37 kw)											

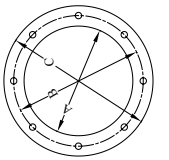


A	B1	B2	H1	H2	L	L2	L3	F	Bell Hsg.
72(2,85") mm	98 mm	150 mm	88 mm	122 mm	222 mm	54 mm	20 mm		B/W

Output Dimensions

D	E	F	Holes No.	Holes Dia.
mm / inch				
63,5 (2,5")	82,5 (3,25")	102 (4,00")	4	10,5

SAE FLANGE



SAE Flange Dimensions

SAE No	A	B	C	Hole Dimensions No.	Hole Dimensions Dia.
	mm	mm	mm		
5	314,3	333,4	356	8	11
4	361,9	381	403	12	11

H60

Hydraulic Marine Gearbox

Vertical Reduction
Maximum Power: 63 hp (47Kw)

TECHNICAL DETAILS

Oil type	SAE20W50 - SAE 75W-90
Oil capacity	1,0 lt. + Plus required amount to fill the cooling unit.
Weight without flange	19 kg.

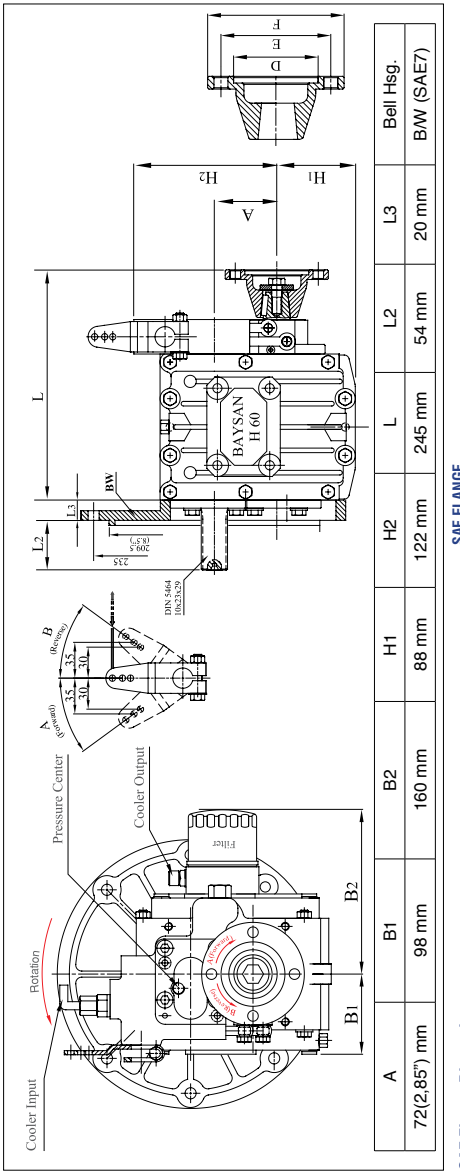
Pleasure Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2800 rpm		3000 rpm		3600 rpm		
■ 2,13	1,95	125	1,30	1,76	37	49	39	53	47	63	4000
■ 2,63	1,95	106	1,15	1,49	31	42	33	45	40	54	4000
Maximum Input Power (47 kw)											

Heavy Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2800 rpm		3000 rpm		3600 rpm		
■ 2,13	1,95	97	1,04	1,40	29	39	31	42	37	50	3600
■ 2,63	1,95	87	0,93	1,25	26	35	27	37	33	45	3600
Maximum Input Power (37 kw)											

Dimensions

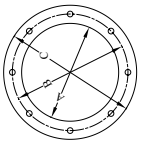


	A	B	C	B1	B2	H1	H2	L	L2	L3	Bell Hsg.
	72(2,85") mm			98 mm	160 mm	88 mm	122 mm	245 mm	54 mm	20 mm	B/W (SAE7)

Output Dimensions

D	E	F	Holes No.	Holes Dia.
mm / inch			4	10,5
63,5 (2,5")	82,5 (3,25")	102 (4,00")		

SAE FLANGE



SAE Flange Dimensions

SAE No	A mm	B mm	C mm	Hole Dimensions No.	Hole Dimensions Dia.
5	314,3	333,4	356	8	11
4	361,9	381	403	12	11

H80

Hydraulic Marine Gearbox

Vertical Reduction
Maximum Power: 80 hp (60 Kw)

TECHNICAL DETAILS

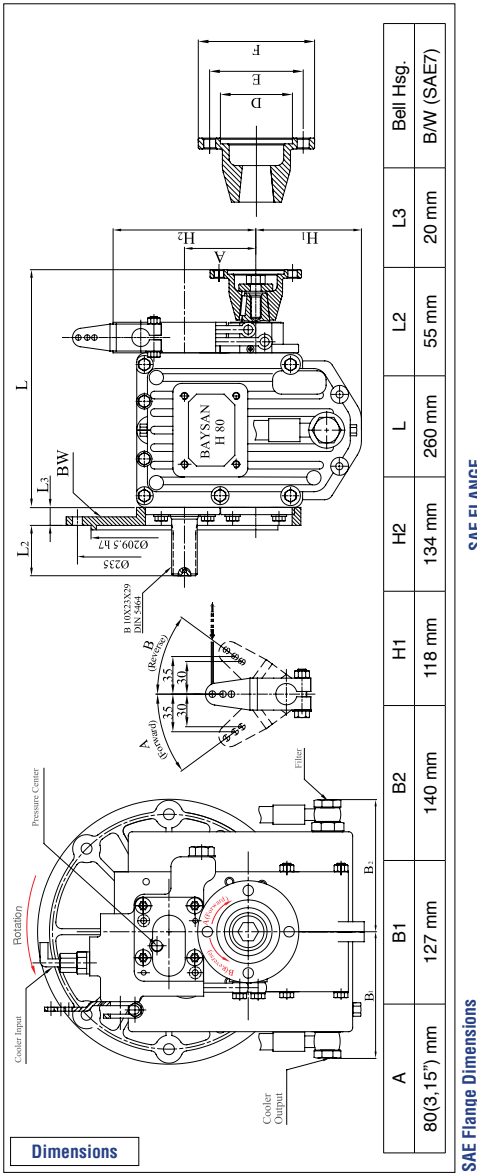
Oil type	SAE20W50 - SAE 75W-90
Oil capacity	1,5 lt. + Plus required amount to fill the cooling unit.
Weight without flange	33 kg.

Pleasure Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	Kw	Hp	Kw	Hp	MAX. RPM
					3000 rpm		3600 rpm		3800 rpm		
■ 2,00	2,15	150	1,55	2,10	48	65	57	77	60	80	4000
■ 2,40	2,15	137	1,40	1,90	44	59	52	70	54	72	4000
■ 2,77	2,15	120	1,26	1,71	39	53	46	63	48	65	4000
Maximum Input Power (60 kw)											

Heavy Duty

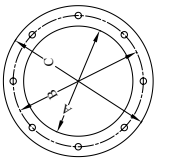
RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	Kw	Hp	Kw	Hp	MAX. RPM
					3000 rpm		3600 rpm		3800 rpm		
■ 2,00	2,15	120	1,24	1,68	39	52	45	61	47	64	3800
■ 2,40	2,15	110	1,13	1,52	35	47	41	55	42	57	3800
■ 2,77	2,15	97	1,01	1,37	31	42	37	50	39	52	3800
Maximum Input Power (47 kw)											



	A	B1	B2	H1	H2	L	L2	L3	Bell Hsg.
	80(3,15") mm	127 mm	140 mm	118 mm	134 mm	260 mm	55 mm	20 mm	B/W (SAE7)

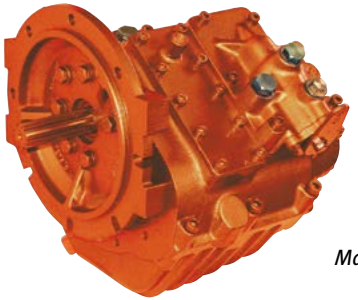
Holes	D	E	F	No.	Dia.
mm / inch	63,5 (2,5")	82,5 (3,25")	102 (4,00")	4	10,5

SAE FLANGE



SAE Flange Dimensions

SAE No	A mm	B mm	C mm	Hole Dimensions No.	Hole Dimensions Dia.
5	314,3	333,4	356	8	11
4	361,9	381	403	12	11
3	409,6	428,6	451	12	11



H130
Hydraulic Marine Gearbox

Vertical Reduction
Maximum Power: 146 hp (108 Kw)

TECHNICAL DETAILS

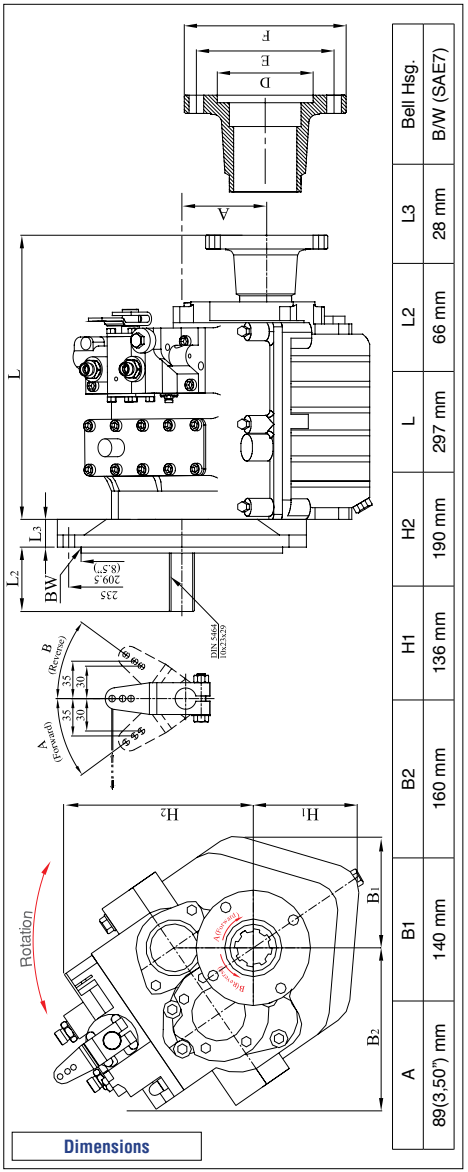
Oil type	SAE20W50 - SAE 75W-90
Oil capacity	2,5 lt. + Plus required amount to fill the cooling unit.
Weight without flange	60 kg.

Pleasure Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	Hp	Kw	Hp	Kw	Hp	MAX. RPM
					3000 rpm		3600 rpm		3800 rpm		
■ 2,00	2,00	280	1,30	3,65	80	110	95	130	108	146	4000
■ 2,50	2,50	280	1,15	3,65	80	110	95	130	108	146	4000
Maximum Input Power (108 kw)											

Heavy Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2800 rpm		3000 rpm		3600 rpm		
■ 2,00	2,00	215	2,30	3,10	64	87	69	93	81	110	3600
■ 2,50	2,50	215	2,30	3,10	64	87	69	93	81	110	3600
Maximum Input Power (80 kw)											

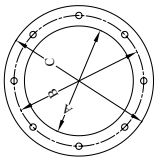


	Bell Hsg.	L3	L2	L	H2	H1	B2	B1	A
	B/W (SAE7)	28 mm	66 mm	297 mm	190 mm	136 mm	160 mm	140 mm	89(3.50") mm

Output Dimensions

D	E	F	Holes No.	Holes Dia.
mm / inch				
63,5 (2,5")	108 (4,25")	127 (5,00")	4	10,5

SAE FLANGE



SAE Flange Dimensions

SAE No	A	B	C	Hole Dimensions No.	Hole Dimensions Dia.
	mm	mm	mm	No.	Dia.
5	314,3	333,4	356	8	11
4	361,9	381	403	12	11
3	409,6	428,6	451	12	11

H250A
Hydraulic Marine Gearbox

8° Down-Angle Shaft
Maximum Power: 337 hp (250 Kw)

TECHNICAL DETAILS

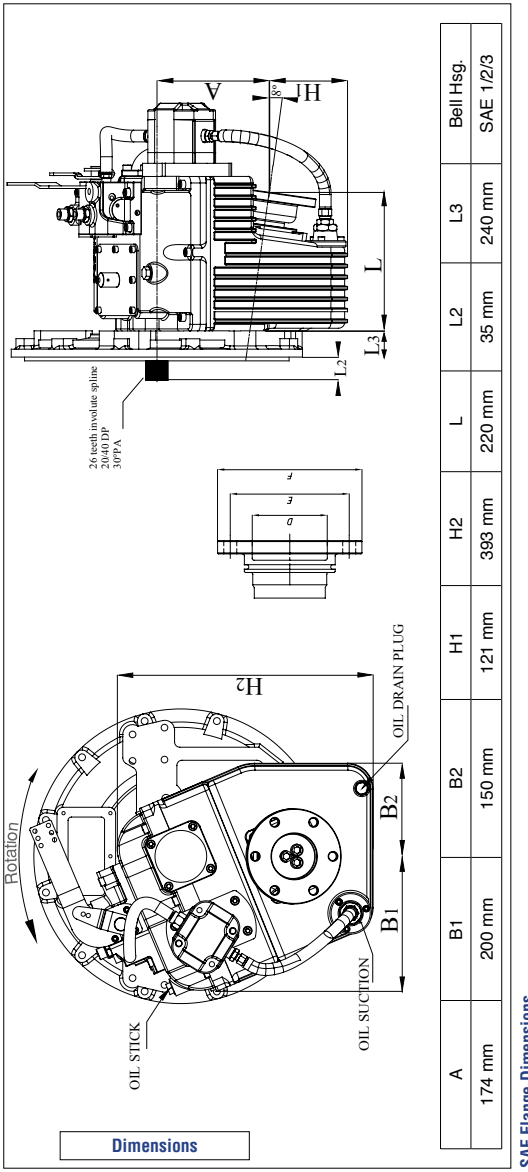
Oil type	SAE20W50 - SAE 75W-90
Oil capacity	5,5 lt. + Plus required amount to fill the cooling unit.
Weight without flange	82 kg.

Pleasure Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2500 rpm		2800 rpm		3200 rpm		
2,14	2,08	600	6,30	8,44	157	211	176	236	202	270	3800
2,53	2,45	580	6,04	8,10	151	203	169	227	193	259	3800
3,07	3,06	515	5,37	7,20	134	180	150	202	172	230	3800
Maximum Input Power (250 kw)											

Heavy Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2500 rpm		2800 rpm		3200 rpm		
2,14	2,08	455	4,72	6,33	118	158	132	177	151	203	3800
2,53	2,45	435	4,55	6,10	114	153	127	171	146	195	3800
3,07	3,06	395	4,10	5,50	103	138	115	154	131	176	3800
Maximum Input Power (150 kw)											



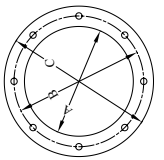
Dimensions

	A	B1	B2	H1	H2	L	L2	L3	Bell Hsg.
	174 mm	200 mm	150 mm	121 mm	393 mm	220 mm	35 mm	240 mm	SAE 1/2/3

Output Dimensions

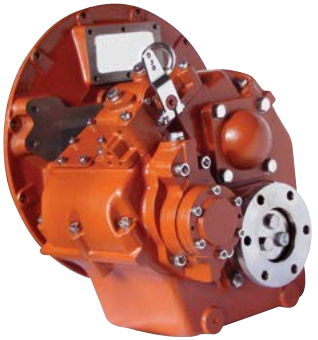
D	E	F	Holes No.	Holes Dia.
mm / inch				
76,2 (3")	120,7 (4,75")	146 (5,75")	6	13

SAE FLANGE



SAE Flange Dimensions

SAE No	A mm	B mm	C mm	Hole Dimensions No.	Hole Dimensions Dia.
5	314,3	333,4	356	8	11
4	361,9	381	403	12	11
3	409,6	428,6	451	12	11



H500
Hydraulic Marine Gearbox

Vertical Reduction
Maximum Power: 500 hp (370 Kw)

TECHNICAL DETAILS

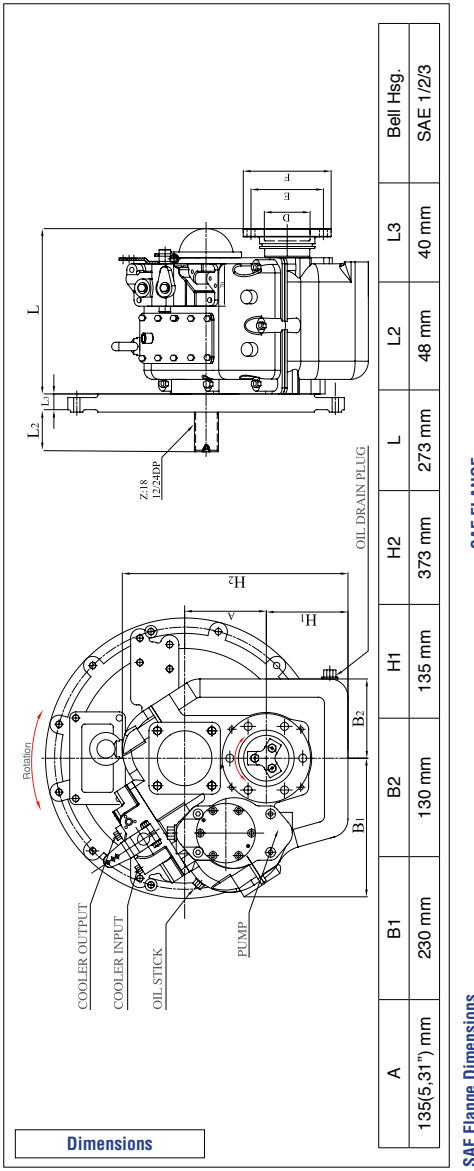
Oil type	SAE20W50 - SAE 75W-90
Oil capacity	4 lt. + Plus required amount to fill the cooling unit.
Weight without flange	115 kg.

Pleasure Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	MAX. RPM
					2500 rpm		2800 rpm		3200 rpm		
■ 2,00	2,00	880	9,43	12,64	236	316	263	353	301	404	3900
■ 2,75	2,75	800	8,58	11,50	215	288	240	322	275	368	3900
Maximum Input Power (370 kw)											

Heavy Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	MAXIMUM RATED POWER Kw	MAXIMUM RATED POWER Hp	MAX. RPM
					2500 rpm		2800 rpm		3200 rpm		
■ 2,00	2,00	624	7,01	9,40	175	235	196	263	224	301	3900
■ 2,75	2,75	624	7,01	9,40	175	235	196	263	224	301	3900
Maximum Input Power (224 kw)											



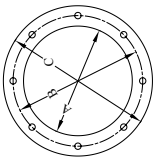
Dimensions

A	B1	B2	H1	H2	L	L2	L3	Bell Hsg.
135(5,31") mm	230 mm	130 mm	135 mm	373 mm	273 mm	48 mm	40 mm	SAE 1/2/3

Output Dimensions

D	E	F	Holes No.	Holes Dia.
mm / inch				
76,2 (3,0")	120,7 (4,75")	146 (5,75")	6	13,0 (0,515")

SAE FLANGE



SAE Flange Dimensions

SAE No	A mm	B mm	C mm	Hole Dimensions No.	Hole Dimensions Dia.
4	361,9	381	403	12	11
3	409,6	428,6	451	12	11
2	447,7	466,7	489	12	11
1	511,2	530,2	552,5	12	11

H500A
Hydraulic Marine Gearbox

Vertical Reduction 8° Down-Angle Shaft
Maximum Power: 500 hp (370 Kw)

TECHNICAL DETAILS

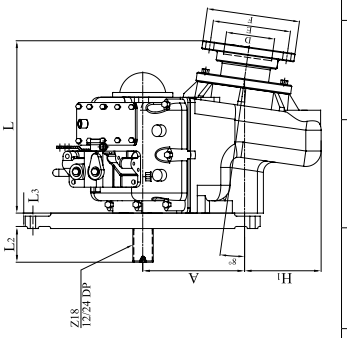
Oil type	SAE20W50 - SAE 75W-90
Oil capacity	6 lt. + Plus required amount to fill the cooling unit.
Weight without flange	135 kg.

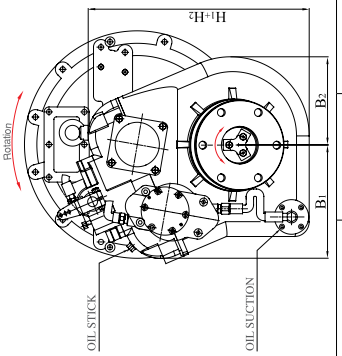
Pleasure Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2500 rpm		2800 rpm		3200 rpm		
2,50	2,50	880	9,43	12,64	235	316	236	353	300	404	3800
3,00	3,00	800	8,58	11,50	214	287	240	322	275	368	3800
3,60	3,60	800	8,21	11,00	214	287	240	322	275	368	3800
Maximum Input Power (330 kw)											

Heavy Duty

RATIOS (A) Pos	RATIOS (B) Pos	MAX. TORQUE Nm	POWER Kw	POWER Hp	MAXIMUM RATED POWER Kw	Hp	Kw	Hp	Kw	Hp	MAX. RPM
					2500 rpm		2800 rpm		3200 rpm		
2,50	2,50	624	6,68	8,95	167	224	187	251	214	286	3900
3,00	3,00	624	6,68	8,95	167	224	187	251	214	286	3900
3,60	3,60	624	6,68	8,95	167	223	187	250	214	286	3900
Maximum Input Power (215 kw)											





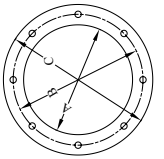
Dimensions

A	B1	B2	H1	H2	L	L2	L3	Bell Hsg.
200(7,87") mm	230 mm	180 mm	150 mm	300 mm	374 mm	48 mm	40 mm	SAE 1/2/3

Output Dimensions

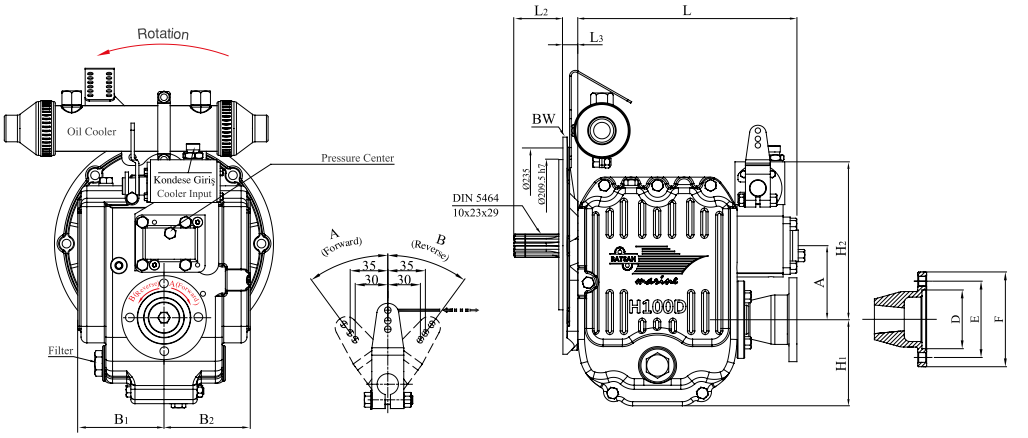
D	E	F	Holes No.	Holes Dia.
mm / inch				
95,25 (3,75")	152,4 (6,00")	184,2 (7,25")	6	16,25 (0,64")

SAE FLANGE



SAE Flange Dimensions

SAE No	A mm	B mm	C mm	Hole Dimensions No.	Hole Dimensions Dia.
4	361,9	381	403	12	11
3	409,6	428,6	451	12	11
2	447,7	466,7	489	12	11
1	511,2	530,2	552,5	12	11



MODEL		M10	M30C	M30	M60	H60	H80	H130	H250A	H500	H500A
Ratio											
Forward		2,0/2,5	1,8/2,5	1,8/2,0/2,5	2,0/2,63/2,94	2,0/2,63	2,0/2,40/2,77	2,00/2,50	2,14/2,50/3,07	2,00/2,75	2,5/1 3/1 3,6/1
Reverse		1,9	1,9	1,9	1,95	1,95	2,15	2,0/2,50	2,08/2,45/3,06	2,0/2,75	2,5/1 3/1 3,6/1
Max. Power	Hp	11	22	21	63	63	80	130	337	500	500
Oil	Lt	SAE 80W-90	SAE 80W-90	ATF	ATF	SAE 20W50 75W-90	SAE 20W50 75W-90	SAE 20W50 75W-90	SAE 20W50 75W-90	SAE 20W50 75W-90	SAE 20W50 75W-90
Weight	Kg	10	17,40	11	17	19	33	60	82	115	135
Lenght	L mm	186	200	200	222	250	260	297	220	273	374
Lenght	L2 mm	-	50	50	54	54	55	63	35	48	48
Lenght	L3 mm	-	20	20	20	20	20	28	40	40	40
Drop	A mm	62	62	62	72	72	80	89	174	135	200
Dept.	H1 mm	95	78	78	88	88	118	136	121	135	150
Dept.	H2 mm	113	116	116	122	122	134	190	393	373	300
Width	B1 mm	87	77	77	98	80	127	140	200	230	230
Width	B2 mm	127	150	140	150	160	140	160	150	130	180
Coupling	mm	Ø10,5x4	Ø10,5x4	Ø10,5x4	Ø10,5x4	Ø10,5x4	Ø10,5x4	Ø10,5x4	Ø13x6	Ø13x6	Ø16,25x6
D	mm	63,5	63,5	63,5	63,5	63,5	63,5	63,5	76	76	95,25
E	mm	82,5	82,5	82,5	82,5	82,5	82,5	108	120,7	120,7	152,4
F	mm	102	102	102	102	102	102	127	146	146	184,2
Shaft	m	10x23x29	10x23x29	10x23x29	10x23x29	10x23x29	10x23x29	10x23x29	26T 20/40 DP	18T12/24 DP	18T12/24 DP

• Weights do not include any flange,cooler or damper etc. • Recommended ATF fluids: Shell Donax Tx , Dextron III , ATF 220 • Recommended motor fluids: Shell 20w50 / 20W-50 Mobil 75W-90

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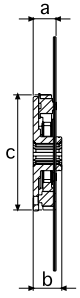
Damper Drive Plates

Damper Dimension



c	b	a	Spline Type (d)	Flexible Type	Torque (Nm)	Deflection (°)
129	32	25	1	A	135	3°
129	32	25		AA	135	30°
202	30	30		B	445	3°
202	30	30	2	B	445	3°
202	30	30	3	B	880	3°
202	30	30	4	B	445	3°
129	32	25	5	A	135	3°

Hole Dimensions(mm) (exf)

Ø200.5x6xØ10.5 Ø200x6x Ø8.6 Ø182.4x6xØ9 Ø165x8xØ6.5	Ø222.2x8xØ8.5 Ø142x5xØ9.5 Ø142x5xØ12.5	Ø250x6xØ8.5 Ø241.3x8xØ9.5 Ø240x6xØ9 Ø222.2x8xØ8.5 Ø215x6xØ8.5 Ø210x6xØ8.5	Ø276.3x6xØ8.5 Ø273x6xØ8.5 Ø269.9x6xØ8.5 Ø250x6xØ8.5	Ø296x8xØ11 Ø273x6xØ8.5 Ø269.9x6xØ8.5 Ø250x6xØ8.5	Ø334x12xØ8.5 Ø333.4x8xØ11 Ø314.3x6xØ8.5 Ø273x6xØ8.5 Ø269.9x6xØ8.5 Ø263.5x6xØ8.5	Ø342.9x12xØ9.5 Ø320.7x6xØ9.5 Ø314.3x6xØ8.5 Ø304.8x6xØ8.7 Ø295.3x6xØ8.5 Ø288.9x6xØ8.5 Ø276.3x6xØ8.5 Ø269.9x6xØ8.5	Ø438.15x8xØ13.6

Outside Diameters(mm) (Ø)

215.9	241.3	263.5	298.5	314.3	352.4	362	466.7
SAE6½	SAE7½	SAE8	-	SAE10	SAE11½	-	SAE14
Plate 1	Plate 2	Plate 3	Plate 4	Plate 5	Plate 6	Plate 7	Plate 8
●	●	●	●	○	○	○	○
●	●	●	●	●	●	○	○
●	●	●	●	●	●	●	○
○	●	●	●	●	●	●	
○	○	○	○	○	●	●	●
○	●	●	●	●	●	●	○
●	●	●	●	○	○	○	○

Spline Type

1	10Teeth-10x23x29
2	26Teeth-20/40 Dp
3	18Teeth-12/24 Dp
4	10Teeth-SAE 1''
5	22Teeth-PA 30

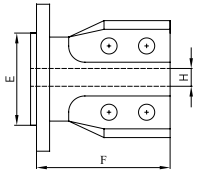
● Available
○ Not Available

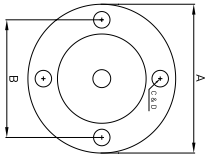
2 B 5
- 5 → Plate No
- B → Flexible Type
- 2 → Spline Type

Description

The Damper plates are applied to the flywheel surface for the purpose of transmitting power from engine through(by means of a)marine gear to the propeller. t transmits the power,reduces rattling sound,dampens vibration and shocks,ensures(permits) smooth operation at idle and above rpms.
Designs are complied with the most common SAEJ620 flywheel standarts thus easily applicable.

Shaft Coupling



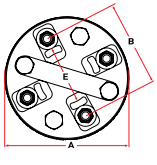


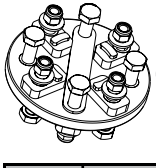
A Outside Dia.	B Hole pitch Circle	C Hole Dia.	D No. of Holes	E Register	F Length	H Shaft Diameter	Part Code
mm	mm	mm	Qty	mm	mm	mm	
102(4'')	82.5	10.5	4	63,5(2.5'')	80	19-35	H2.54
127(5'')	108	11	4	63.5	95	30-50	H2.55
146(5.75)	120.7	13	6	76.2	140	40-60	H3.0575
102(4'')	78	10.5	4	50	80	1''-1½	Y50.4
127(5'')	100	12.5	4	65	95	1''-2''	Y65.5
102(4'')	80	10.5	4	60	80	19-30	V60.4

Description

Shaft couplings with variety of names such as split,clamp are used to facilitate adjustment of a marine transmission coupling to the prop-shaft coupling.
They are easy to install and position.

Shaft Flexible Coupling





A Outside Dia.	B Hole pitch Circle	C Hole Dia.	D No.of holes	E Register	F Length
mm	mm	mm	Qty	mm	mm
115	82.5	10.5	4	63.5	30
140	108	10.5	4	63.5	50
160	120.7	12.5	6	76.2	50
190	152.4	16.25	6	95.25	60
105	78	10.5	4	50	40
135	100	10.5	4	65	50
115	80	10.5	4	60	30
230	190.5	20.5	8	152.4	60

Description

Reduces engine noise

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