



## COMBINED BILL OF MATERIAL

Printed On:16.07.2011

Printed By:

CBOM No: 11150521000 CBOM Var: 00

Revno: 4

Rev Date: 04.12.2008

Description: HAND BARRING GEAR

Total weight: 56.0

### RECORD OF CHANGES

Drawing No	Var	Revno	Rev Date	Description
11150521000	00	1	13.05.2002	Matcd. of item no. 9 changed from W97371203089 to AA7122104940
11150521000	00	2	18.08.2008	1. Qty of item no#10 increased to ten (10).
11150521000	00	3	03.10.2008	MAT. CODE HW1060281244 CHANGED TO HW1060273063 IN ITEM NO-03. MAT. CODE HW1060283123 CHANGED TO HW1060283166 IN ITEM NO-19.
11150521000	00	4	04.12.2008	AUTOMATIC-BULK MATCODE CHG

CBOM - 11150521000 00

	ENGG		MTE		TTX		WTX	
	Initial	Date	Initial	Date	Initial	Date	Initial	Date
Worked By	stedkr	01.07.1997	mtecbs	23.07.1997	ttxvkj	26.07.1997	wtxcbs	19.07.1997
Checked By	stedkr	01.07.1997	mtecbs	23.07.1997	ttxgcb	04.08.1997	wtxbch	19.07.1997
Approved By	stevks	11.08.1997	mtejpm	23.07.1997	ttxgcb	04.08.1997	wtxhpr	19.07.1997



# COMBINED BILL OF MATERIAL

Printed On:16.07.2011

Printed By:

CBOM No: 11150521000 CBOM Var: 00  
Description: HAND BARRING GEAR

Revno: 4

Rev Date: 04.12.2008

Total weight: 56.0

Item No	Drawingno Var Mvar	Mat Code	Mat Spec	Weight	Blank Sizes	Nos	Qty	Norm/pc	Extra Norm	Total Norm
Qty( Total )	Description		Assy. Remarks	Inclusion?	Mat Shape			Remarks		
Typ Cat Zone	Var/Matl. Description		ENGG SIZE/GRP	Fab Wt	Route				Spare Code	Unit
0	11150521000 00			56.0						
1(1)	HAND BARRING GEAR		MAIN ASSLY	Y						
MF CD			Y		0236					
1	21150521010 00			35.0						
1(1)	FLANGE			Y						
MF DR			N	55.2	0306-0314-0236					
1-1		AA1011819201	AA10119	18.2	230.0X470.0	1	1	41.3	0.0	41.3
1(1)	PLATE 470X230,S=45			Y	PL 45			PL.45X230X470		
MF DR	ST-FE410 WB-PLATE		230.0X470.0		0072-0301-0306					KG
1-2	41150521011 00 00	AA1011819139	AA10119	8.3	225.0X340.0	1	2	13.0	0.0	26.0
2(2)	PLATE			Y	PL 20					
MF DR					0072-0301-0306					KG
1-3		AA1011819074	AA10119	0.196	50.0X50.0	1	2	0.24	0.0	0.48
2(2)	PLATE D50,S=10			Y	PL 10			PL 10 DIA 50		
MF DR	ST-FE410 WB-PLATE		0.05X0.05		0072-0301-0306					KG
2	41150521001 00 00	AA1011808129	AA10108	11.0	230.0X470.0	1	1	16.0	0.0	16.0
1(1)	COVER			Y	PL 18					
MF DR					0072-0301-0236					KG
3	31150521002 00 00	HW1060273063	HW10673	4.1	0.0	0	0	7.0	0.0	7.0
1(1)	LEVER			Y	RND 100					
MF DR					0072-0236-0632-0236					KG
4	31150521003 00 00	HW1050284119	HW10584	3.0	250.0	0	0	10.05	0.0	10.05
1(1)	RACHET			Y	RND 80					
MF DR					0072-0236-0632-0236-0632-0236					KG
5	31150521004 00 00	AA2151701077	AA21501	0.3	235.0X475.0	0	0	0.35	0.0	0.35
1(1)	GASKET			Y	2.00 T					
MF DR					0072-0236					KG
6	31150521005 00 00	AA2151701077	AA21501	0.18	235.0X475.0	0	0	0.35	0.0	0.35
1(1)	GASKET			Y	2.00 T					
MF DR					0072-0236					KG

## ENGG

Initial

Date

## MTE

Initial

Date

## TTX

Initial

Date

## WTX

Initial

Date

Worked By

stedkr

01.07.1997

mtecbs

23.07.1997

ttxvkj

26.07.1997

wtxcbs

19.07.1997

Checked By

stedkr

01.07.1997

mtecbs

23.07.1997

ttxgcb

04.08.1997

wtxbch

19.07.1997

Approved By

stevks

11.08.1997

mtejpm

23.07.1997

ttxgcb

04.08.1997

wtxhpr

19.07.1997



# COMBINED BILL OF MATERIAL

Printed On:16.07.2011

Printed By:

CBOM No: 11150521000 CBOM Var: 00  
Description: HAND BARRING GEAR

Revno: 4

Rev Date: 04.12.2008

Total weight: 56.0

Item No	Drawingno Var Mvar	Mat Code	Mat Spec	Weight	Blank Sizes	Nos	Qty	Norm/pc	Extra Norm	Total Norm
Qty( Total )	Description		Assy. Remarks	Inclusion?	Mat Shape			Remarks		
Typ Cat Zone	Var/Matl. Description		ENGG SIZE/GRP	Fab Wt	Route				Spare Code	Unit
7	31150501200 00			0.11						
1(1)	LATCH			Y						
MF DR			N		0306-0314-0236					
7-1		AA1011808013	AA10108	0.084	26.0X73.0	1	1	0.084	0.0	0.084
1(1)	PLATE 5X26X73		2	Y	PL 5			PL,5X26X73		
MF DR	ST-A(FE410 WA)PLATE		26.0X73.0		0072-0301-0306					KG
7-2		AA1010209086	AA10109	0.032	20.0	1	1	0.04	0.0	0.04
1(1)	ROUND D 16X20			Y	RND 16			RND DIA 16,L=20		
RM DR	ST-C20-HR-RND		20.0		0072-0315-0306					KG
8	31150501150 00			0.07						
1(1)	STOPPER			Y						
MF DR			N		0306-0314-0236					
8-1		AA1011808013	AA10108	0.035	28.0X32.0	1	1	0.04	0.0	0.04
1(1)	PLATE 32X28X5			Y	PL 5					
MF DR	ST-A(FE410 WA)PLATE		32.0X28.0		0072-0301-0306					KG
8-2		AA1010209086	AA10109	0.032	20.0	1	1	0.04	0.0	0.04
1(1)	ROUND D16X20			Y	RND 16					
RM DR	ST-C20-HR-RND		20.0		0072-0315-0306					KG
9		HW7122104940	AA7122104	0.011	0.0	0	0	0.0	0.0	0.0
1(1)	SCRU CSK - SOC A 12.9			Y						
BO DR	M8X16				0075-0236					NO
10		AA7123123298	AA7123123	0.095	0.0	0	0	0.0	0.0	0.0
10(10)	SCRU CAP SOC A12.9			Y						
SI DR	M16X40				0075-0236					NO
11		AA7151115040	AA7151115	0.017	0.0	0	0	0.0	0.0	0.0
10(10)	NUT HEX. A-8			Y						
SI DR	M12				0075-0236					NO
12		AA7161001080	AA7161001	0.011	0.0	0	0	0.0	0.0	0.0
10(10)	WASHER MCD-ST			Y						
BO DR	17.0				0075-0236					NO

**ENGG****MTE****TTX****WTX**

Worked By	stedkr	01.07.1997	mtechs	23.07.1997	ttxvkj	26.07.1997	wtxcbs	19.07.1997
Checked By	stedkr	01.07.1997	mtechs	23.07.1997	ttxgcb	04.08.1997	wtxbch	19.07.1997
Approved By	stevks	11.08.1997	mtejpm	23.07.1997	ttxgcb	04.08.1997	wtxhpr	19.07.1997



# COMBINED BILL OF MATERIAL

Printed On:16.07.2011

Printed By:

CBOM No: 11150521000 CBOM Var: 00  
Description: HAND BARRING GEAR

Revno: 4

Rev Date: 04.12.2008

Total weight: 56.0

Item No	Drawingno Var Mvar	Mat Code	Mat Spec	Weight	Blank Sizes	Nos	Qty	Norm/pc	Extra Norm	Total Norm
Qty( Total )	Description		Assy. Remarks	Inclusion?	Mat Shape			Remarks		
Typ Cat Zone	Var/Matl. Description		ENGG SIZE/GRP	Fab Wt	Route				Spare Code	Unit
13		AA7161001110	AA7161001	0.053	0.0	0	0	0.0	0.0	0.0
1(1)	WASHER MCD-ST			Y						
BO DR	31.0				0075-0236					NO
14		HW7171089738	AA7171089	0.0	0.0	0	0	0.0	0.0	0.0
1(1)	PIN SPLT-ST			Y						
BO DR	6.3X56				0075-0236					NO
15	ST05010 041	AA1020218088	AA10218	0.01	65.0	1	2	0.06	0.0	0.12
2(2)	PIN CYL			Y	RND 16					
MF DR	A 12h8X50				0072-0236			1F1		KG
16	ST05005 141	AA1020218088	AA10218	0.01	30.0	1	1	0.2	0.0	0.2
1(1)	PIN CYL. BVL. END			Y	RND 16					
MF DR	12H8X22				0072-0236			1F1		KG
17	ST01001 125	AA1020218088	AA10218	0.02	55.0	1	1	0.087	0.0	0.087
1(1)	STUD			Y	RND 16					
MF DR	M12FOX35				0072-0236					KG
18	ST05001 206	HW1060283050	HW10683	0.01	80.0	1	1	0.3	0.0	0.3
1(1)	PIN CYL			Y	RND 32					
MF DR	B22d9X65				0072-0236			1F1		KG
19	41150521006 00 00	HW1060283166	HW10683	0.6	150.0	1	1	2.31	0.0	2.31
1(1)	PIN D27			Y	RND 45					
MF DR					0072-0236					KG
20		AA1041146108	AA10446	0.6	1000.0	1	1	5.2	0.0	5.2
1(1)	PIPE 48.3X5X1000			Y	PI 48.3X5			PIPE DIA 48.3X5X1000 (L1=1010)		
MF DR	ST-BQ-A1-CDS-TUBE		1000.0		0072-0236					MR
21		AA1011808056	AA10108	0.06	15.0X74.0	1	2	0.07	0.0	0.14
2(2)	PLATE 15X8X74			Y	PL 8			PL,8X15X74		
MF DR	ST-A(FE410 WA)PLATE				0072-0301-0236					KG

ENGG

MTE

TTX

WTX

Initial

Date

Initial

Date

Initial

Date

Initial

Date

Worked By

stedkr

01.07.1997

mtecbs

23.07.1997

ttxvkj

26.07.1997

wtxcbs

19.07.1997

Checked By

stedkr

01.07.1997

mtecbs

23.07.1997

ttxgcb

04.08.1997

wtxbch

19.07.1997

Approved By

stevks

11.08.1997

mtejpm

23.07.1997

ttxgcb

04.08.1997

wtxhpr

19.07.1997