

	SPECIFICATION OF GEARED MOTOR		5HP - 4 P RATIO : 1/ 60				
			DESIGN NO: C200				
MODEL NO. :			REV. NO. :				
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:	PROJECT NO.:				
APPLICATION :			QUANTITY :				
GENERAL SPEC			GEAR TECHNICAL SPEC				
FRAME NO.	C200		OUTPUT	5 HP 3.7 KW			
TYPE	소형		TRANSMISSION RATIO	1/ 60			
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1720			
SERVICE FACTOR	1.0		OUTPUT RPM	28.7			
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	124.9 Kg-m			
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)			
	TYPE	ANTI-FRICTION					
	1st STEP	6305, 6205	NOISE LEVEL	70dB at 1M FROM REDUCER			
	2nd STEP	6306, 6307	VIBRATION	40 μm(PEAK TO PEAK)			
	3rd STEP	DUF3530	WEIGHT(GEAR+MOTOR)	APPROX. 87 Kg			
	OUTPUT	6211					
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5			
	TYPE	ISO VG 320 (KS M 2127)	OUTLINE DRAWING	GMB			
	QUANTITY	3.6 LITER					
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC				
			MOTOR DESIGN NO.				
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.				
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD
			2011.11.22	LIM H.J	SA D.W		

[illegible]

HYUNDAI HEAVY INDUSTRIES CO., LTD.		SPECIFICATION OF GEARED MOTOR		5HP - 4 P			
				RATIO : 1/ 20			
				DESIGN NO: C200			
MODEL NO. :				REV. NO. :			
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:		PROJECT NO.:			
APPLICATION :				QUANTITY :			
GENERAL SPEC			GEAR TECHNICAL SPEC				
FRAME NO.	C200		OUTPUT	5 HP 3.7 KW			
TYPE	소형		TRANSMISSION RATIO	1/ 20			
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1720			
SERVICE FACTOR	1.0		OUTPUT RPM	86.0			
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	41.6 Kg-m			
BEARING(GEAR) TYPE ANTI-FRICTION 1st STEP6306, 6307 2nd STEP 3rd STEP DUF3530 OUTPUT 6211			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)			
			NOISE LEVEL	70dB at 1M FROM REDUCER			
			VIBRATION	40 μm(PEAK TO PEAK)			
			WEIGHT(GEAR+MOTOR)	APPROX. 87 Kg			
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5			
TYPE		ISO VG 320 (KS M 2127)		OUTLINE DRAWING	GMB		
QUANTITY		2.5 LITER					
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC				
			MOTOR DESIGN NO.				
REMARK							
			Note : Others not mentioned in this specification shall be in accordance with HHI standard.				
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD
			2011.11.22	LIM H.J	SA D.W		

	SPECIFICATION OF GEARED MOTOR		5HP - 4 P RATIO : 1/ 15												
			DESIGN NO: C200												
MODEL NO. :		REV. NO. :													
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:		PROJECT NO.:											
APPLICATION :		QUANTITY :													
GENERAL SPEC			GEAR TECHNICAL SPEC												
FRAME NO.	C200		OUTPUT	5 HP 3.7 KW											
TYPE	소형		TRANSMISSION RATIO	1/ 15											
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1720											
SERVICE FACTOR	1.0		OUTPUT RPM	114.7											
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	31.2 Kg-m											
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)											
<table border="1" style="width: 100%;"> <tr> <td>TYPE</td> <td>ANTI-FRICTION</td> </tr> <tr> <td>1st STEP</td> <td>6306, 6307</td> </tr> <tr> <td>2nd STEP</td> <td></td> </tr> <tr> <td>3rd STEP</td> <td>DUF3530</td> </tr> <tr> <td>OUTPUT</td> <td>6211</td> </tr> </table>			TYPE	ANTI-FRICTION	1st STEP	6306, 6307	2nd STEP		3rd STEP	DUF3530	OUTPUT	6211	NOISE LEVEL	70dB at 1M FROM REDUCER	
TYPE	ANTI-FRICTION														
1st STEP	6306, 6307														
2nd STEP															
3rd STEP	DUF3530														
OUTPUT	6211														
			VIBRATION	40 μm(PEAK TO PEAK)											
			WEIGHT(GEAR+MOTOR)	APPROX. 87 Kg											
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5											
<table border="1" style="width: 100%;"> <tr> <td>TYPE</td> <td>ISO VG 320 (KS M 2127)</td> </tr> <tr> <td>QUANTITY</td> <td>2.5 LITER</td> </tr> </table>			TYPE	ISO VG 320 (KS M 2127)	QUANTITY	2.5 LITER	OUTLINE DRAWING	GMB							
TYPE	ISO VG 320 (KS M 2127)														
QUANTITY	2.5 LITER														
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC												
			MOTOR DESIGN NO.												
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.												
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD								
			2011.11.22	LIM H.J	SA D.W										

		SPECIFICATION OF GEARED MOTOR		5HP - 4P RATIO : 1/ 5			
				DESIGN NO: C200			
MODEL NO. :				REV. NO. :			
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:		PROJECT NO.:			
APPLICATION :				QUANTITY :			
GENERAL SPEC			GEAR TECHNICAL SPEC				
FRAME NO.	C200		OUTPUT	5 HP 3.7 KW			
TYPE	소형		TRANSMISSION RATIO	1/ 5			
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1720			
SERVICE FACTOR	1.0		OUTPUT RPM	344.0			
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	10.4 Kg-m			
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)			
	TYPE	ANTI-FRICTION					
	1st STEP	6306, 6307	NOISE LEVEL	70dB at 1M FROM REDUCER			
	2nd STEP		VIBRATION	40 μm(PEAK TO PEAK)			
	3rd STEP	DUF3530	WEIGHT(GEAR+MOTOR)	APPROX. 87 Kg			
	OUTPUT	6211					
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5			
	TYPE	ISO VG 320 (KS M 2127)	OUTLINE DRAWING	GMB			
	QUANTITY	2.5 LITER					
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC				
			MOTOR DESIGN NO.				
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.				
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD
			2011.11.22	LIM H.J	SA D.W		

	SPECIFICATION OF GEARED MOTOR		3HP - 6 P RATIO : 1/ 60												
			DESIGN NO: C200												
MODEL NO. :		REV. NO. :													
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:		PROJECT NO.:											
APPLICATION :		QUANTITY :													
GENERAL SPEC			GEAR TECHNICAL SPEC												
FRAME NO.	C200		OUTPUT	3 HP 2.2 KW											
TYPE	소형		TRANSMISSION RATIO	1/ 60											
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1155											
SERVICE FACTOR	1.0		OUTPUT RPM	19.3											
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	111.6 Kg-m											
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)											
<table border="1"> <tr> <td>TYPE</td> <td>ANTI-FRICTION</td> </tr> <tr> <td>1st STEP</td> <td>6305, 6205</td> </tr> <tr> <td>2nd STEP</td> <td>6306, 6307</td> </tr> <tr> <td>3rd STEP</td> <td>DUF3530</td> </tr> <tr> <td>OUTPUT</td> <td>6211</td> </tr> </table>			TYPE	ANTI-FRICTION	1st STEP	6305, 6205	2nd STEP	6306, 6307	3rd STEP	DUF3530	OUTPUT	6211	NOISE LEVEL	70dB at 1M FROM REDUCER	
TYPE	ANTI-FRICTION														
1st STEP	6305, 6205														
2nd STEP	6306, 6307														
3rd STEP	DUF3530														
OUTPUT	6211														
			VIBRATION	40 μ m(PEAK TO PEAK)											
			WEIGHT(GEAR+MOTOR)	APPROX. 87 Kg											
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5											
<table border="1"> <tr> <td>TYPE</td> <td>ISO VG 320 (KS M 2127)</td> </tr> <tr> <td>QUANTITY</td> <td>3.6 LITER</td> </tr> </table>			TYPE	ISO VG 320 (KS M 2127)	QUANTITY	3.6 LITER	OUTLINE DRAWING	GMB							
TYPE	ISO VG 320 (KS M 2127)														
QUANTITY	3.6 LITER														
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC												
			MOTOR DESIGN NO.												
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.												
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD								
			2011.11.22	LIM H.J	SA D.W										

	SPECIFICATION OF GEARED MOTOR		3HP - 6 P RATIO : 1/ 50												
			DESIGN NO: C200												
MODEL NO. :			REV. NO. :												
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:	PROJECT NO.:												
APPLICATION :			QUANTITY :												
GENERAL SPEC			GEAR TECHNICAL SPEC												
FRAME NO.	C200		OUTPUT	3 HP 2.2 KW											
TYPE	소형		TRANSMISSION RATIO	1/ 50											
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1155											
SERVICE FACTOR	1.0		OUTPUT RPM	23.1											
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	93.0 Kg-m											
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)											
<table border="1"> <tr> <td>TYPE</td> <td>ANTI-FRICTION</td> </tr> <tr> <td>1st STEP</td> <td>6305, 6205</td> </tr> <tr> <td>2nd STEP</td> <td>6306, 6307</td> </tr> <tr> <td>3rd STEP</td> <td>DUF3530</td> </tr> <tr> <td>OUTPUT</td> <td>6211</td> </tr> </table>			TYPE	ANTI-FRICTION	1st STEP	6305, 6205	2nd STEP	6306, 6307	3rd STEP	DUF3530	OUTPUT	6211	NOISE LEVEL	70dB at 1M FROM REDUCER	
TYPE	ANTI-FRICTION														
1st STEP	6305, 6205														
2nd STEP	6306, 6307														
3rd STEP	DUF3530														
OUTPUT	6211														
			VIBRATION	40 μm(PEAK TO PEAK)											
			WEIGHT(GEAR+MOTOR)	APPROX. 87 Kg											
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5											
<table border="1"> <tr> <td>TYPE</td> <td>ISO VG 320 (KS M 2127)</td> </tr> <tr> <td>QUANTITY</td> <td>3.6 LITER</td> </tr> </table>			TYPE	ISO VG 320 (KS M 2127)	QUANTITY	3.6 LITER	OUTLINE DRAWING	GMB							
TYPE	ISO VG 320 (KS M 2127)														
QUANTITY	3.6 LITER														
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC												
			MOTOR DESIGN NO.												
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.												
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD								
			2011.11.22	LIM H.J	SA D.W										

	SPECIFICATION OF GEARED MOTOR		3HP - 6 P RATIO : 1/ 30												
			DESIGN NO: C200												
MODEL NO. :			REV. NO. :												
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:	PROJECT NO.:												
APPLICATION :			QUANTITY :												
GENERAL SPEC			GEAR TECHNICAL SPEC												
FRAME NO.	C200		OUTPUT	3 HP 2.2 KW											
TYPE	소형		TRANSMISSION RATIO	1/ 30											
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1155											
SERVICE FACTOR	1.0		OUTPUT RPM	38.5											
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	55.8 Kg-m											
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)											
<table border="1"> <tr> <td>TYPE</td> <td>ANTI-FRICTION</td> </tr> <tr> <td>1st STEP</td> <td>6306, 6307</td> </tr> <tr> <td>2nd STEP</td> <td></td> </tr> <tr> <td>3rd STEP</td> <td>DUF3530</td> </tr> <tr> <td>OUTPUT</td> <td>6211</td> </tr> </table>			TYPE	ANTI-FRICTION	1st STEP	6306, 6307	2nd STEP		3rd STEP	DUF3530	OUTPUT	6211	NOISE LEVEL	70dB at 1M FROM REDUCER	
TYPE	ANTI-FRICTION														
1st STEP	6306, 6307														
2nd STEP															
3rd STEP	DUF3530														
OUTPUT	6211														
			VIBRATION	40 μm(PEAK TO PEAK)											
			WEIGHT(GEAR+MOTOR)	APPROX. 87 Kg											
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5											
<table border="1"> <tr> <td>TYPE</td> <td>ISO VG 320 (KS M 2127)</td> </tr> <tr> <td>QUANTITY</td> <td>3.6 LITER</td> </tr> </table>			TYPE	ISO VG 320 (KS M 2127)	QUANTITY	3.6 LITER	OUTLINE DRAWING	GMB							
TYPE	ISO VG 320 (KS M 2127)														
QUANTITY	3.6 LITER														
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC												
			MOTOR DESIGN NO.												
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.												
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD								
			2011.11.22	LIM H.J	SA D.W										

	SPECIFICATION OF GEARED MOTOR		3HP - 6 P RATIO : 1/ 15												
			DESIGN NO: C200												
MODEL NO. :			REV. NO. :												
APPLICABLE ST'D: KS, AGMA, JIGMA		CUSTOMER:	PROJECT NO. :												
APPLICATION :			QUANTITY :												
GENERAL SPEC			GEAR TECHNICAL SPEC												
FRAME NO.	C200		OUTPUT	3 HP 2.2 KW											
TYPE	소형		TRANSMISSION RATIO	1/ 15											
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1155											
SERVICE FACTOR	1.0		OUTPUT RPM	77.0											
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	27.9 Kg-m											
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)											
<table border="1"> <tr> <td>TYPE</td> <td>ANTI-FRICTION</td> </tr> <tr> <td>1st STEP</td> <td>6306, 6307</td> </tr> <tr> <td>2nd STEP</td> <td></td> </tr> <tr> <td>3rd STEP</td> <td>DUF3530</td> </tr> <tr> <td>OUTPUT</td> <td>6211</td> </tr> </table>			TYPE	ANTI-FRICTION	1st STEP	6306, 6307	2nd STEP		3rd STEP	DUF3530	OUTPUT	6211	NOISE LEVEL	70dB at 1M FROM REDUCER	
TYPE	ANTI-FRICTION														
1st STEP	6306, 6307														
2nd STEP															
3rd STEP	DUF3530														
OUTPUT	6211														
			VIBRATION	40 μm (PEAK TO PEAK)											
			WEIGHT(GEAR+MOTOR)	APPROX. 87 Kg											
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5											
<table border="1"> <tr> <td>TYPE</td> <td>ISO VG 320 (KS M 2127)</td> </tr> <tr> <td>QUANTITY</td> <td>2.5 LITER</td> </tr> </table>			TYPE	ISO VG 320 (KS M 2127)	QUANTITY	2.5 LITER	OUTLINE DRAWING	GMB							
TYPE	ISO VG 320 (KS M 2127)														
QUANTITY	2.5 LITER														
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC												
			MOTOR DESIGN NO.												
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.												
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD								
			2011.11.22	LIM H.J	SA D.W										

	SPECIFICATION OF GEARED MOTOR		3HP - 6 P RATIO : 1/ 10												
			DESIGN NO: C200												
MODEL NO. :		REV. NO. :													
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:		PROJECT NO.:											
APPLICATION :		QUANTITY :													
GENERAL SPEC			GEAR TECHNICAL SPEC												
FRAME NO.	C200		OUTPUT	3 HP 2.2 KW											
TYPE	소형		TRANSMISSION RATIO	1/ 10											
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1155											
SERVICE FACTOR	1.0		OUTPUT RPM	115.5											
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	18.6 Kg-m											
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)											
<table border="1"> <tr> <td>TYPE</td> <td>ANTI-FRICTION</td> </tr> <tr> <td>1st STEP</td> <td>6306, 6307</td> </tr> <tr> <td>2nd STEP</td> <td></td> </tr> <tr> <td>3rd STEP</td> <td>DUF3530</td> </tr> <tr> <td>OUTPUT</td> <td>6211</td> </tr> </table>			TYPE	ANTI-FRICTION	1st STEP	6306, 6307	2nd STEP		3rd STEP	DUF3530	OUTPUT	6211	NOISE LEVEL	70dB at 1M FROM REDUCER	
TYPE	ANTI-FRICTION														
1st STEP	6306, 6307														
2nd STEP															
3rd STEP	DUF3530														
OUTPUT	6211														
			VIBRATION	40 μm(PEAK TO PEAK)											
			WEIGHT(GEAR+MOTOR)	APPROX. 87 Kg											
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5											
<table border="1"> <tr> <td>TYPE</td> <td>ISO VG 320 (KS M 2127)</td> </tr> <tr> <td>QUANTITY</td> <td>2.5 LITER</td> </tr> </table>			TYPE	ISO VG 320 (KS M 2127)	QUANTITY	2.5 LITER	OUTLINE DRAWING	GMB							
TYPE	ISO VG 320 (KS M 2127)														
QUANTITY	2.5 LITER														
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC												
			MOTOR DESIGN NO.												
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.												
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD								
			2011.11.22	LIM H.J	SA D.W										

	SPECIFICATION OF GEARED MOTOR		3HP - 6 P RATIO : 1/ 5				
			DESIGN NO: C200				
MODEL NO. :			REV. NO. :				
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:	PROJECT NO.:				
APPLICATION :			QUANTITY :				
GENERAL SPEC			GEAR TECHNICAL SPEC				
FRAME NO.	C200		OUTPUT	3 HP 2.2 KW			
TYPE	소형		TRANSMISSION RATIO	1/ 5			
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1155			
SERVICE FACTOR	1.0		OUTPUT RPM	231.0			
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	9.3 Kg-m			
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)			
	TYPE	ANTI-FRICTION					
	1st STEP	6306, 6307	NOISE LEVEL	70dB at 1M FROM REDUCER			
	2nd STEP		VIBRATION	40 μm(PEAK TO PEAK)			
	3rd STEP	DUF3530	WEIGHT(GEAR+MOTOR)	APPROX. 87 Kg			
	OUTPUT	6211					
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5			
	TYPE	ISO VG 320 (KS M 2127)	OUTLINE DRAWING	GMB			
	QUANTITY	2.5 LITER					
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC				
			MOTOR DESIGN NO.				
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.				
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD
			2011.11.22	LIM H.J	SA D.W		

HYUNDAI HEAVY INDUSTRIES CO., LTD.		SPECIFICATION OF GEARED MOTOR		3HP - 4 P			
				RATIO : 1/ 90			
				DESIGN NO: C200			
MODEL NO. :				REV. NO. :			
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:		PROJECT NO.:			
APPLICATION :				QUANTITY :			
GENERAL SPEC			GEAR TECHNICAL SPEC				
FRAME NO.	C200		OUTPUT	3 HP 2.2 KW			
TYPE	소형		TRANSMISSION RATIO	1/ 90			
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1720			
SERVICE FACTOR	1.0		OUTPUT RPM	19.1			
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	112.4 Kg-m			
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV			
TYPE ANTI-FRICTION				(VIEWED FROM DRIVE END)			
1st STEP	6305, 6205		NOISE LEVEL	69dB at 1M FROM REDUCER			
2nd STEP	6306, 6307		VIBRATION	40 μm(PEAK TO PEAK)			
3rd STEP	DUF3530		WEIGHT(GEAR+MOTOR)	APPROX. 83 Kg			
OUTPUT	6211						
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5			
TYPE	ISO VG 320 (KS M 2127)		OUTLINE DRAWING	GMB			
QUANTITY	3.6 LITER						
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC				
			MOTOR DESIGN NO.				
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.				
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD
			2011.11.22	LIM H.J	SA D.W		

	SPECIFICATION OF GEARED MOTOR		3HP - 4 P RATIO : 1/ 60				
			DESIGN NO: C180				
MODEL NO. :			REV. NO. :				
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:	PROJECT NO.:				
APPLICATION :			QUANTITY :				
GENERAL SPEC			GEAR TECHNICAL SPEC				
FRAME NO.	C180		OUTPUT	3 HP 2.2 KW			
TYPE	소형		TRANSMISSION RATIO	1/ 60			
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1720			
SERVICE FACTOR	1.0		OUTPUT RPM	28.7			
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	75.0 Kg-m			
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)			
	TYPE	ANTI-FRICTION					
	1st STEP	6304, 6204	NOISE LEVEL	69dB at 1M FROM REDUCER			
	2nd STEP	6305, 6306	VIBRATION	40 μm(PEAK TO PEAK)			
	3rd STEP	DUF3030	WEIGHT(GEAR+MOTOR)	APPROX. 68 Kg			
	OUTPUT	6210					
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5			
	TYPE	ISO VG 320 (KS M 2127)	OUTLINE DRAWING	GMB			
	QUANTITY	2.8 LITER					
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC				
			MOTOR DESIGN NO.				
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.				
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD
			2011.11.22	LIM H.J	SA D.W		

	SPECIFICATION OF GEARED MOTOR		3HP - 4 P RATIO : 1/ 50												
			DESIGN NO: C180												
MODEL NO. :			REV. NO. :												
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:	PROJECT NO.:												
APPLICATION :			QUANTITY :												
GENERAL SPEC			GEAR TECHNICAL SPEC												
FRAME NO.	C180		OUTPUT	3 HP 2.2 KW											
TYPE	소형		TRANSMISSION RATIO	1/ 50											
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1720											
SERVICE FACTOR	1.0		OUTPUT RPM	34.4											
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	62.5 Kg-m											
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)											
<table border="1"> <tr> <td>TYPE</td> <td>ANTI-FRICTION</td> </tr> <tr> <td>1st STEP</td> <td>6304, 6204</td> </tr> <tr> <td>2nd STEP</td> <td>6305, 6306</td> </tr> <tr> <td>3rd STEP</td> <td>DUF3030</td> </tr> <tr> <td>OUTPUT</td> <td>6210</td> </tr> </table>			TYPE	ANTI-FRICTION	1st STEP	6304, 6204	2nd STEP	6305, 6306	3rd STEP	DUF3030	OUTPUT	6210	NOISE LEVEL	69dB at 1M FROM REDUCER	
TYPE	ANTI-FRICTION														
1st STEP	6304, 6204														
2nd STEP	6305, 6306														
3rd STEP	DUF3030														
OUTPUT	6210														
			VIBRATION	40 μm(PEAK TO PEAK)											
			WEIGHT(GEAR+MOTOR)	APPROX. 68 Kg											
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5											
<table border="1"> <tr> <td>TYPE</td> <td>ISO VG 320 (KS M 2127)</td> </tr> <tr> <td>QUANTITY</td> <td>2.8 LITER</td> </tr> </table>			TYPE	ISO VG 320 (KS M 2127)	QUANTITY	2.8 LITER	OUTLINE DRAWING	GMB							
TYPE	ISO VG 320 (KS M 2127)														
QUANTITY	2.8 LITER														
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC												
			MOTOR DESIGN NO.												
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.												
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD								
			2011.11.22	LIM H.J	SA D.W										



SPECIFICATION OF GEARED MOTOR

3HP - 4 P
RATIO : 1/ 40

DESIGN NO: C180

MODEL NO. :

REV. NO. :

APPLICABLE ST'D: KS,AGMA,JIGMA

CUSTOMER:

PROJECT NO.:

APPLICATION :

QUANTITY :

GENERAL SPEC

GEAR TECHNICAL SPEC

FRAME NO.	C180	OUTPUT	3 HP 2.2 KW
TYPE	소형	TRANSMISSION RATIO	1/ 40
LOCATION	☒ INDOOR ☐ OUTDOOR	INPUT RPM	1720
SERVICE FACTOR	1.0	OUTPUT RPM	43.0
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL	OUTPUT TORQUE	50.0 Kg-m
BEARING(GEAR)		ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)
TYPE	ANTI-FRICTION		
1st STEP	6304, 6204	NOISE LEVEL	69dB at 1M FROM REDUCER
2nd STEP	6305, 6306	VIBRATION	40 μ m(PEAK TO PEAK)
3rd STEP	DUF3030	WEIGHT(GEAR+MOTOR)	APPROX. 68 Kg
OUTPUT	6210		
GEAR OIL		PAINT COLOR	4.0 PB 5.4/5.5
TYPE	ISO VG 320 (KS M 2127)	OUTLINE DRAWING	GMB
QUANTITY	2.8 LITER		

ACCESSORIES
(OPTION ITEM)

MOTOR TECHNICAL SPEC

MOTOR DESIGN NO.

REMARK

Note : Others not mentioned in this
specification shall be in accordance
with HHI standard.

HYUNDAI HEAVY INDUSTRIES
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INDUSTRIAL MOTOR DEP'T

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SA D.W

	SPECIFICATION OF GEARED MOTOR		3HP - 4 P RATIO : 1/ 30												
			DESIGN NO: C180												
MODEL NO. :		REV. NO. :													
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:		PROJECT NO.:											
APPLICATION :		QUANTITY :													
GENERAL SPEC			GEAR TECHNICAL SPEC												
FRAME NO.	C180		OUTPUT	3 HP 2.2 KW											
TYPE	소형		TRANSMISSION RATIO	1/ 30											
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1720											
SERVICE FACTOR	1.0		OUTPUT RPM	57.3											
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	37.5 Kg-m											
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)											
<table border="1"> <tr> <td>TYPE</td> <td>ANTI-FRICTION</td> </tr> <tr> <td>1st STEP</td> <td>6305, 6306</td> </tr> <tr> <td>2nd STEP</td> <td></td> </tr> <tr> <td>3rd STEP</td> <td>DUF3030</td> </tr> <tr> <td>OUTPUT</td> <td>6210</td> </tr> </table>			TYPE	ANTI-FRICTION	1st STEP	6305, 6306	2nd STEP		3rd STEP	DUF3030	OUTPUT	6210	NOISE LEVEL	69dB at 1M FROM REDUCER	
TYPE	ANTI-FRICTION														
1st STEP	6305, 6306														
2nd STEP															
3rd STEP	DUF3030														
OUTPUT	6210														
			VIBRATION	40 μm(PEAK TO PEAK)											
			WEIGHT(GEAR+MOTOR)	APPROX. 68 Kg											
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5											
<table border="1"> <tr> <td>TYPE</td> <td>ISO VG 320 (KS M 2127)</td> </tr> <tr> <td>QUANTITY</td> <td>2.5 LITER</td> </tr> </table>			TYPE	ISO VG 320 (KS M 2127)	QUANTITY	2.5 LITER	OUTLINE DRAWING	GMB							
TYPE	ISO VG 320 (KS M 2127)														
QUANTITY	2.5 LITER														
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC												
			MOTOR DESIGN NO.												
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.												
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD								
			2011.11.22	LIM H.J	SA D.W										



SPECIFICATION OF GEARED MOTOR

3HP - 4 P
RATIO : 1/ 20

DESIGN NO: C180

MODEL NO. :

REV. NO. :

APPLICABLE ST'D: KS, AGMA, JIGMA

CUSTOMER:

PROJECT NO.:

APPLICATION :

QUANTITY :

GENERAL SPEC

GEAR TECHNICAL SPEC

FRAME NO.	C180	OUTPUT	3 HP 2.2 KW
TYPE	소형	TRANSMISSION RATIO	1/ 20
LOCATION	☒ INDOOR ☐ OUTDOOR	INPUT RPM	1720
SERVICE FACTOR	1.0	OUTPUT RPM	86.0
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL	OUTPUT TORQUE	25.0 Kg-m
BEARING(GEAR)		ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)
TYPE	ANTI-FRICTION		
1st STEP	6305, 6306	NOISE LEVEL	69dB at 1M FROM REDUCER
2nd STEP		VIBRATION	40 μ m (PEAK TO PEAK)
3rd STEP	DUF3030	WEIGHT(GEAR+MOTOR)	APPROX. 68 Kg
OUTPUT	6210		
GEAR OIL		PAINT COLOR	4.0 PB 5.4/5.5
TYPE	ISO VG 320 (KS M 2127)	OUTLINE DRAWING	GMB
QUANTITY	1.1 LITER		

ACCESSORIES
(OPTION ITEM)

MOTOR TECHNICAL SPEC

MOTOR DESIGN NO.

REMARK

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HYUNDAI HEAVY INDUSTRIES
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INDUSTRIAL MOTOR DEP'T

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APPD

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SPECIFICATION OF GEARED MOTOR

3HP - 4 P
RATIO : 1/ 15

DESIGN NO: C180

MODEL NO. :

REV. NO. :

APPLICABLE ST'D: KS, AGMA, JIGMA

CUSTOMER:

PROJECT NO.:

APPLICATION :

QUANTITY :

GENERAL SPEC

GEAR TECHNICAL SPEC

FRAME NO.		C180	OUTPUT	3 HP 2.2 KW		
TYPE		소형	TRANSMISSION RATIO	1/ 15		
LOCATION		☒ INDOOR ☐ OUTDOOR	INPUT RPM	1720		
SERVICE FACTOR		1.0	OUTPUT RPM	114.7		
CONSTRUCTION		☒ HORIZONTAL ☐ VERTICAL	OUTPUT TORQUE	18.7 Kg-m		
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV		
				(VIEWED FROM DRIVE END)		
			TYPE	ANTI-FRICTION		
			1st STEP	6305, 6306	NOISE LEVEL	69dB at 1M FROM REDUCER
			2nd STEP		VIBRATION	40 μm(PEAK TO PEAK)
			3rd STEP	DUF3030	WEIGHT(GEAR+MOTOR)	APPROX. 68 Kg
OUTPUT			6210			
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5		
TYPE		ISO VG 320 (KS M 2127)	OUTLINE DRAWING	GMB		
QUANTITY		1.1 LITER				

ACCESSORIES
(OPTION ITEM)

MOTOR TECHNICAL SPEC

MOTOR DESIGN NO.

REMARK

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	SPECIFICATION OF GEARED MOTOR		3HP - 4 P RATIO : 1/ 10												
			DESIGN NO: C180												
MODEL NO. :			REV. NO. :												
APPLICABLE ST'D: KS,AGMA,JIGMA		CUSTOMER:	PROJECT NO.:												
APPLICATION :			QUANTITY :												
GENERAL SPEC			GEAR TECHNICAL SPEC												
FRAME NO.	C180		OUTPUT	3 HP 2.2 KW											
TYPE	소형		TRANSMISSION RATIO	1/ 10											
LOCATION	☒ INDOOR ☐ OUTDOOR		INPUT RPM	1720											
SERVICE FACTOR	1.0		OUTPUT RPM	172.0											
CONSTRUCTION	☒ HORIZONTAL ☐ VERTICAL		OUTPUT TORQUE	12.5 Kg-m											
BEARING(GEAR)			ROTATION	☒ CW ☒ CCW ☐ REV (VIEWED FROM DRIVE END)											
<table border="1"> <tr> <td>TYPE</td> <td>ANTI-FRICTION</td> </tr> <tr> <td>1st STEP</td> <td>6305, 6306</td> </tr> <tr> <td>2nd STEP</td> <td></td> </tr> <tr> <td>3rd STEP</td> <td>DUF3030</td> </tr> <tr> <td>OUTPUT</td> <td>6210</td> </tr> </table>			TYPE	ANTI-FRICTION	1st STEP	6305, 6306	2nd STEP		3rd STEP	DUF3030	OUTPUT	6210	NOISE LEVEL	69dB at 1M FROM REDUCER	
TYPE	ANTI-FRICTION														
1st STEP	6305, 6306														
2nd STEP															
3rd STEP	DUF3030														
OUTPUT	6210														
			VIBRATION	40 μm(PEAK TO PEAK)											
			WEIGHT(GEAR+MOTOR)	APPROX. 68 Kg											
GEAR OIL			PAINT COLOR	4.0 PB 5.4/5.5											
<table border="1"> <tr> <td>TYPE</td> <td>ISO VG 320 (KS M 2127)</td> </tr> <tr> <td>QUANTITY</td> <td>1.1 LITER</td> </tr> </table>			TYPE	ISO VG 320 (KS M 2127)	QUANTITY	1.1 LITER	OUTLINE DRAWING	GMB							
TYPE	ISO VG 320 (KS M 2127)														
QUANTITY	1.1 LITER														
ACCESSORIES (OPTION ITEM)			MOTOR TECHNICAL SPEC												
			MOTOR DESIGN NO.												
REMARK			Note : Others not mentioned in this specification shall be in accordance with HHI standard.												
HYUNDAI HEAVY INDUSTRIES ELECTRO ELECTRIC SYSTEMS INDUSTRIAL MOTOR DEP'T			DATE	DSND	CHKD	Q.P CHK	APPD								
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