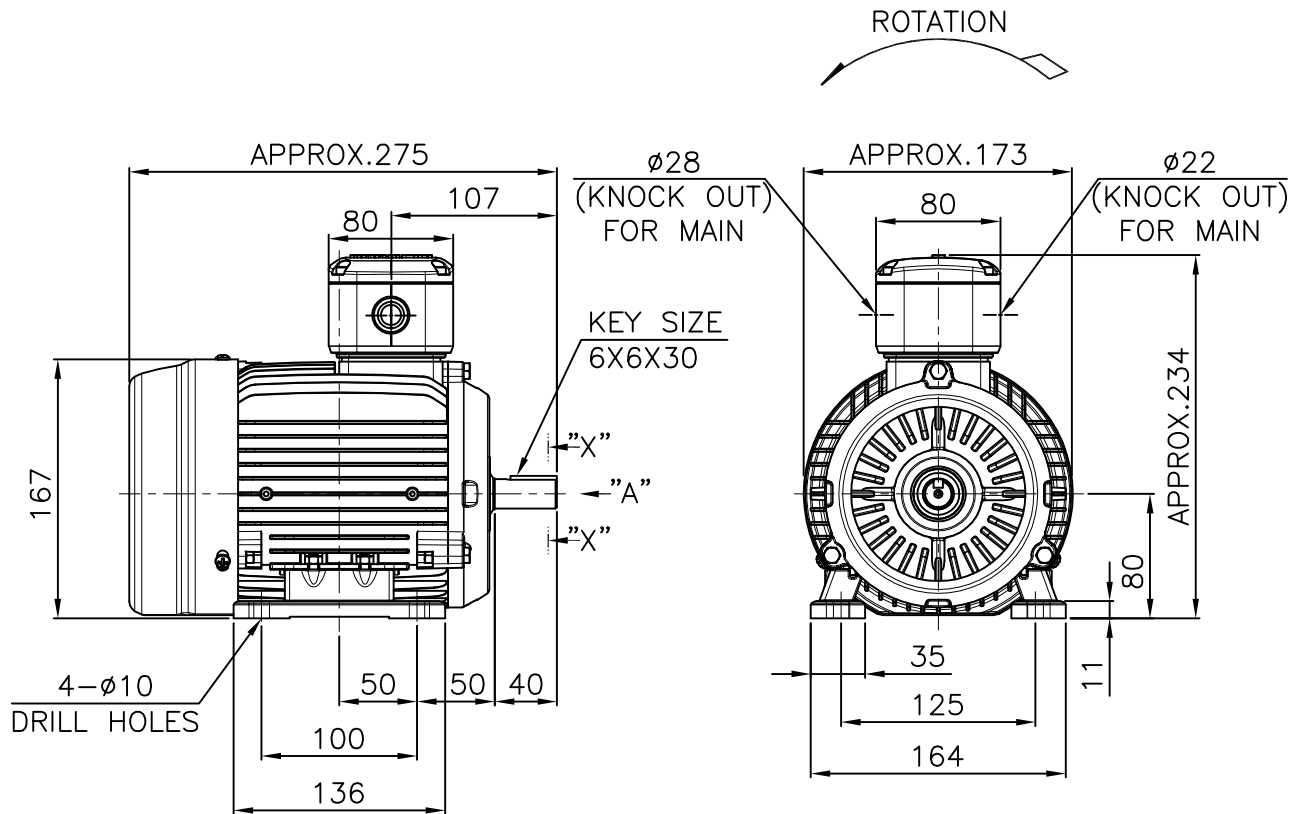
		AC INDUCTION MOTOR DATA SHEET						
Model No.or RFQ No.		Item No.		Rev. No.		[ 0 ]		
Project Name		Project No.		Quantity		set		
GENERAL SPECIFICATION				PERFORMANCE DATA				
Frame Size		80M		Rated Output		0.75 kW 1 HP		
Type		HLP-0.75/4		Number of Poles		4		
Enclosure(Protection)		Totally Enclosed ( IP55 )		Rotor Type		Squirrel Cage		
Method of Cooling		IC411(FC)		Starting Method*		<input checked="" type="checkbox"/> D.O.L <input type="checkbox"/> Y-Δ		
Rated Frequency		60 Hz		Rated Voltage		440 V 380 V 220 V		
Number of Phases		3		Current		Full Load 1.5 A 1.7 A 2.9 A		
Insulation Class		<input checked="" type="checkbox"/> F <input type="checkbox"/> B <input type="checkbox"/> H		Locked-rotor**		730 % 730 % 730 %		
Temp. Rise at full load (by resistance method)				Efficiency				
at 1.0 S.F		80 °C		50% Load		78.5 %		
Motor Location		<input checked="" type="checkbox"/> Indoor <input type="checkbox"/> Outdoor		75% Load		82.6 %		
Altitude		Less than 1000m		100% Load		83.5 %		
Relative Humidity		Less than 80 %		Power Factor(p.u)				
Ambient Temp.		40 °C MAX.		50% Load		0.583		
Duty Type		Continuous(S1)		75% Load		0.708		
Service Factor		1.15		100% Load		0.800		
Mounting		<input checked="" type="checkbox"/> B3 <input type="checkbox"/> B5 <input type="checkbox"/> V1 <input type="checkbox"/> B3/B5		Speed at Full Load		1730 r.p.m		
Bearing	Type	Anti-Friction		Torque				
	DE/N-DE	6204ZZ / 6203ZZ		Full Load		0.4 kg.m		
	Lubricant	Grease(HIFLEX L-3)		Locked-rotor**		300 %		
External Thrust		Not applicable		Breakdown**		240 %		
Coupling Method		<input checked="" type="checkbox"/> Direct <input type="checkbox"/> V-Belt		Moment of Inertia (J)				
Shaft Extension		<input checked="" type="checkbox"/> Single <input type="checkbox"/> Double		Load(Max.)		0.633381503 kg.m²		
Terminal Box	Main	<input type="checkbox"/> Steel <input checked="" type="checkbox"/> Cast Iron		Motor		0.002 kg.m²		
	Aux.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Sound Pressure Level (No-load & mean value at 1m from motor)				
	Location	Refer to Outline Drawing				56 dB(A)		
Application				Vibration		1.6 mm/sec(r.m.s)		
Area classification		Non-Hazardous		Permissible number of consecutive starts		Cold 3 times Hot 2 times		
Type of Ex-Protection		Not applicable		Paint		Munsell No. Panton279C		
Applicable Standard		KS, IEC, NEMA MG1 Part30(Vpeak)						
ACCESSORIES				SUBMITTAL DRAWING				
				Outline Dimension Drawing \		Motor Weight(Approx.)		
				B3		LM-A1080B3P3V01	18 kg	
				B5			kg	
				V1			kg	
				B3/B5			kg	
				Main T-Box Ass'y		3M-148548		
REMARK				*.Premium Efficiency(IE3) *.For use on PWM VFD 10:1VT,3:1CT@1.0S.F&F Temp.rise				
SPARE PARTS								
				Date	DSND	CHKD	CHKD	APPD
				2018-11-23	R.G. KIM	---	O.J. KIM	S.K.HAN
Note: Others not mentioned in this data sheet shall be in accordance with maker standard. Above technical data are only design values and shall be guaranteed with tolerance of applicable standard. Inspection and performance test shall be maker standard, if not mentioned. * In case of Inverter-Fed Motor, performance data is based on sine wave tests. ** The data are based on rated voltage & frequency, and data are expressed as a percentage of full load value.								
HEES W230-131-1 * In case of Inverter or V.V.V.F Motor:Performance data is based on sine wave tests. A4(210mm X 297mm)								

본 도면은 현대일렉트릭(주) 재산이므로  
허가없이 복사할 수 없음 (취급주의)

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1	2	3	4
▽	50S	REV	DATE
▽▽	12.5S		
▽▽▽	3.2S		
▽▽▽▽	0.4S		

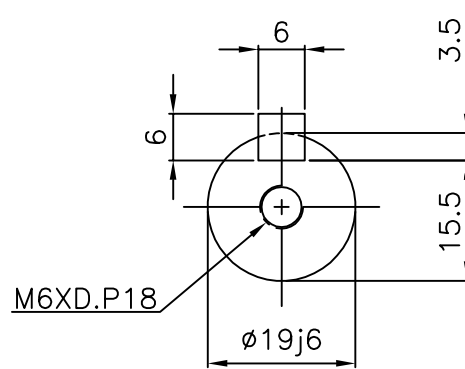


VIEW "A"

NOTE

1.TOLERANCE :

CENTER HEIGHT	80	$\begin{smallmatrix} 0 \\ -0.5 \end{smallmatrix}$
BASE HOLES	$\phi 10$	$\begin{smallmatrix} +0.36 \\ 0 \end{smallmatrix}$
SHAFT DIAMETER	$\phi 19$	$\begin{smallmatrix} +0.009 \\ -0.004 \end{smallmatrix}$
KEYWAY WIDTH	6	$\begin{smallmatrix} 0 \\ -0.030 \end{smallmatrix}$
KEYWAY DEPTH	3.5	$\begin{smallmatrix} +0.1 \\ 0 \end{smallmatrix}$
KEY WIDTH	6	$\begin{smallmatrix} 0 \\ -0.030 \end{smallmatrix}$
KEY HEIGHT	6	$\begin{smallmatrix} 0 \\ -0.030 \end{smallmatrix}$



SECTION "X-X"

SCALE 5/4

APPD BY	S.K.HAN	UNIT	mm	SUBJECT	KS, IEC Fr.80M	DWG SIZE	A4 ( 15 )
CHKD BY	S.Y.KIM	SCALE	1/5	TITLE	OUTLINE		
CHKD BY	I.K.KIM	PROJEC'N	3각법 (3rd Angle)				
DSND BY	S.H.LEE	DATE	2019.06.19				
HYUNDAI ELECTRIC				REF. NO		Sheet No.	of
				DWG NO	LM-A1080B3P3V01	Revision No.	0