



Toase-eh Park Sanati Gohar Ofogh
Petrochemical Co.
**CONCEPTUAL, BASIC and DETAIL DESIGN
ENGINEERING OF STYRENE PARK OFFSITE**



dttdamafin
thermal technology

Document Title: Electrical Motor Data Sheet

Document No.: EI027-DMF-VD-EL-DSH-017-R0

Rev. R0

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STYRENE PARK OFFSITE

**Document Title:
Electrical Motor Data Sheet**

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Rev.	Issued Date	DESCRIPTION	PREPARED	CHECKED	APPROVED



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REVISION RECORD SHEET

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MOTOR BASIC DATA (1158)

INSTALLATION SITE		
QUANTITY	2	
BRAND-MODEL	Will be specified	
RATED POWER	7.5 kw	
SUPPLY VOLTS	400±5%	
FREQUENCY	50±2%	
NUMBER OF POLE	4	
WINDING CONNECTIONS/ROTATION	Delta	
COUPLING TYPE	V-Belt(Belt & Pulley)	
NOMIAL SPEED	1500 rpm	
DUTY CATEGORY	S1	
INVERTER DUTY	NO	
ALTITUDE	20 m	
AMBIENT TEMPRATURE MIN/MAX	-5/48 C	
RELATIVE HUMIDITY (RH)	65%	
STARTING METHOD	DOL	
CABLE GLAND SUPLIED	YES	
DIRECTION OR ROTATION	Both	
ISULATION CLASS/TEMP. RISE	F/B	
COOLING	(IC 411)	
AREA CLASSIFICATION	Exe IIB T3	
WINDING TEMPERATURE . DETECTORS (PTC RELAY)	N.A	
ANTI-CONDANATION HEATER (SPACE HEATER)	N.A	
MOUNTING (TYPE OF INSTALATION)	IMV3	
PROTECTION DEGREE FOR MOTOR/FOR TERMINAL BOX	IP55//IP55	
ROTOR CAGE MATERIAL (AL)	CAST IRON	
PAINT SYSTEM	STANDARD COLOR-RAL (5015)	
CABLE TYPE AND SIZE (FEEDER CABLE BY CLIENT)	MAIN	PLEASE SPECIFY
	HEATER	N.A
	PTC	N.A
THERED (GLAND) ENTRY	MAIN	PLEASE SPECIFY
	HEATER	N.A
	PTC	N.A
EARTH TERMINALS	IN & EXT	
MAX NOISE LEVEL (AT ONE METER)	< 85	
LIFTING DEVICE	YES	
DRAIN PLUGS	NO	
NO OF PHASE	3	
IE (EFFICIENCY CLASS)	IE=2 (MINIMUM)	
PF (COS &)	Will be specified	
TYPE TEST	NO	
MOTOR SUITABLE FOR VCDS (Y/N)	NO	
CURVE & OUTLINE & COMPLETE CATALOGUE (Y/N)	YES	