



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**

Rev.	Issued Date	DESCRIPTION	PREPARED	CHECKED	APPROVED
R0	22-06-2024	IFA	F.Aghaienezhad	J.Beigloo	A.Gholizadeh



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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 METHC	DOL
CABLE GLAND SU	YES
DIRECTION OR RO	Both
ISULATION CLASS	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-PAL (5
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

To be specified

Discrepancy with data sheet

Yes

VFD

Regarding to work with VFD, Insulation class H may be required. please check

cable sizes shall be as per current

To be filled