

# TECHNICAL DATA SHEETS

## PORTING -DATA

### *RotaryPower* **XK20** Motor

#### PORT CONFIGURATION;;

'A' & 'B' -----	1 ¼" SAE (Code 62) 4 BOLT FLANGE (M12-1.75p)
'T' -----	TANK - ½" SAE O-RING BOSS (3/4" -16UNF)
'S' -----	SPEED CHANGE - ½" SAE O-RING BOSS (3/4" -16UNF)
'F' -----	TANK/FLUSHING PORT - ½" SAE O-RING BOSS (3/4" -16UNF)
'Y' -----	PARKING BRAKE PORT - ½" SAE O-RING BOSS (3/4" -16UNF)
'Z' -----	SPEED SENSOR PORT - M14 -1.5p

#### ROTATION;

##### 2-SPEED MOTORS;

INLET PORT 'A' , EXHAUST PORT 'B' , FOR NORMAL OPERATION.  
REFER TO MODEL CODE FOR DIRECTION OF ROTATION (VIEWED ON OUTPUT SHAFT END)

##### SINGLE SPEED MOTORS;

INLET PORT 'A' FOR CLOCKWISE ROTATION (VIEWED ON OUTPUT SHAFT END)  
INLET PORT 'B' FOR ANTI-CLOCKWISE ROTATION (VIEWED ON OUTPUT SHAFT END)

#### ----- PRESSURE RATING -----

##### PORT A & B :

MAX CONTINUOUS PRESSURE	350 bar
MIN CONTINUOUS PRESSURE	20 bar
MAX INTERMITTENT PRESSURE	420 bar
MAX PEAK PRESSURE	450 bar
WEIGHTED AVERAGE (page 12)	200 bar

Pressure ratings are differential & apply with 15bar Charge Pressure.

Permissible Intermittent values may occur up to 10% of every minute.

Peak Values may occur up to 1% of every minute.

Discuss Duty Cycles with ROTARY POWER

##### PORT Y & S :

MAX CONTINUOUS PRESSURE	30 bar
MAX INTERMITTENT PRESSURE	35 bar
MAX PEAK PRESSURE	40 bar

##### PORT T & F :

MAX CONTINUOUS PRESSURE	3 bar
MAX INTERMITTENT PRESSURE	7 bar
MAX PEAK PRESSURE	20 bar

