

TECHNICAL DATA SHEETS

PORTING -DATA

RotaryPower **XK12** Motor

PORT CONFIGURATION;;

'A' & 'B'	----- $\frac{3}{4}$ " SAE (Code 62) 4 BOLT FLANGE (M10-1.5p)
'T'	----- TANK - $\frac{1}{2}$ " SAE O-RING BOSS (3/4" -16UNF)
'S'	----- SPEED CHANGE - " SAE O-RING BOSS (9/16" -18UNF)
'F'	----- TANK/FLUSHING PORT - $\frac{1}{2}$ " SAE O-RING BOSS (3/4" -16UNF)
'Y'	----- PARKING BRAKE PORT - $\frac{1}{2}$ " SAE O-RING BOSS (3/4" -16UNF)
'Z'	----- SPEED SENSOR PORT - M16-1.5p

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

