TYPE K Damper Drives

TK ORDERING CODES

DATE: _____ **REV.** _____

ITEM: _____ **QTY:** _____

QUOTE NO: _____

TAG: _____ **FILE NO:** _____

PLANT / UNIT NO.: _____ **CUSTOMER:** _____

END USER P.O. NO: _____ **P.O. NO:** _____

1 RATED TORQUE AT 100 PSI SUPPLY AIR

TK-1	90	Ft. Lbs.
TK-2	190	Ft. Lbs.
TK-3	416	Ft. Lbs.
TK-4	1000	Ft. Lbs.
TK-5	2250	Ft. Lbs.
TK-6	5000	Ft. Lbs.
TK-7	10416	Ft. Lbs.

PLANT Supply Air
Min. _____ PSI
Norm _____ PSI
Max. _____ PSI

X OTHER: _____

2 MOUNTING ARRANGEMENT

1 Pedestal Mount Design _____
2 B&W Cyclone Platform Mount _____
3 Direct Bolt Mount to Damper _____
4 Direct Clamp Mount to Damper _____
5 Direct Weld Mount to Damper
X OTHER: _____

NOTE: Replace existing: _____

3 CONTROL DEMAND SIGNAL

Model Number: _____

At __3 PSI or __4 mAdc: __CLOSE __OPEN _____

A 3-15 PSI
B 3-27, 6-30, 5-25, 0-30 (Specify:_____PSI)
E 4-20 mAdc Positioner with internal I/P
F 4-20 mAdc Positioner with external I/P
G 4-20 mAdc Positioner with I/P for hold-last-position on loss of demand signal
J Fieldbus: Communication Protocol
K Fieldbus Communication - HOLD last position
N ON/OFF Solenoid Valve (Single Coil) 120 VAC, 24 VDC, 125 VDC (Specify:_____)
P ON/OFF Solenoid Valve (Dual Coil, 2 Position) 120 VAC, 24 VDC, 125 VDC (Specify:_____)
T OPTION: 316 SS Rigid Tubing & 316 SS Fittings (Standard is 304 SS Flex Tubing & 316 SS Fittings)
X OTHER: _____

4 POSITION FEEDBACK TRANSMITTER

Model Number: _____

___ 4-20 mA Direct Feedback; ___ 20-4 mA Reverse Feedback

0 None
2 4-20 mAdc (High-Performance POT, 50 Million Cycles)
4 1K POT Resistive Output
5 Digital Feedback
X OTHER: _____

5 ALARM / TRAVEL SWITCHES

Model Number: _____

Amps _____, Voltage _____ VAC
Amps _____, Voltage _____ VDC

0 None
1 2 SPDT Mechanical Switches (2 Million Cycles)
2 4 SPDT Mechanical Switches (2 Million Cycles)
7 2 Solid State Proximity Switches (Unlimited Cycles)
8 4 Solid State Proximity Switches (Unlimited Cycles)
(7 & 8: No Moving Parts, Field Selectable N.O. or N.C.)
X OTHER: _____

TYPE K Dwg No: _____ *Approx Weight:* _____ *lbs. ea. uncrated*

6 ELECTRICAL ENCLOSURE RATING

1 NEMA 4X, Watertight & Dust tight
2 NEMA 4X, 7 & 9, Cl. 1, Gr. C & D, Div. 1
3 NEMA 4X, 7 & 9, Cl. 1, Gr. C & D, Div. 2, Non-Incendive
X OTHER: _____

7 AIR FAILURE LOCK-UP IN LAST POSITION

Model Number:

0 None
1 Included, Lock-up set at ___ PSI, (Auto-Reset is Standard)

8 MANUAL OVERRIDE

Model Number: _____

A None
B Pneumatic Regulator Override
D Lever Override with locking plate. *Specify Quadrant looking at drive output lever:* _____
F Floor Stand Declutchable Handwheel Gear Override: __Left HW __Right HW (looking at drive output lever)
G Direct Mount Declutchable Handwheel Gear Override: __Left HW __Right HW (looking at positioner indicator)
H Solenoid Valve Override
X OTHER: _____

9 DEGREES OF DAMPER DRIVE ROTATION

_____ Enter Degrees (Example: 90º is standard)

10 DIRECTION OF DAMPER DRIVE ROTATION

☐ PEDESTAL MOUNT DESIGN:
____ Rotation: looking at drive output lever.
____ Rotation: looking at positioner indicator.

☐ DIRECT MOUNT TO DAMPER:
____ Rotation: looking at positioner indicator.

A CCW on Increasing Signal to OPEN damper
B CCW on Increasing Signal to CLOSE damper
C CW on Increasing Signal to OPEN damper
D CW on Increasing Signal to CLOSE damper
G Energize single solenoid, CCW to OPEN damper
H Energize single solenoid, CCW to CLOSE damper
J Energize single solenoid, CW to OPEN damper
K Energize single solenoid, CW to CLOSE damper
M Energize dual coil "A" = CCW to OPEN damper
N Energize dual coil "A" = CCW to CLOSE damper
X OTHER: _____

11 CODES FOR ADDITIONAL ACCESSORIES

Model Number: _____

0 None
1 Combo Particulate and Coalescing Air Filter w/gauge
2 Particulate Air Filter only
3 Drive Enclosure with Heater and Thermostat
4 Connecting Rod Linkage: Clevis or Ball Rod Ends _____" long
5 Air Pressure Regulator, set at __ PSI
6 Air Failure Alarm Pressure Switch/Local Reset Button
7 2 Volume Booster Relays for fast drive rotation
8 High ambient temp const -40ºF to 300ºF (-40ºC to 150ºC)
9 ____ Gallon Air Reservoir: __Fail Open, __Fail Close
X OTHER: _____

SELECTED FIGURE NO: TK- ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

Code Item: 1 2 3 4 5 6 7 8 9 10 11

Form: TKOC - Rev. 040605

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