



TECHNICAL DATA SHEET

DATA_RV1

TARSHEED ENERGY SAVERS

X Series (Normal Flow)

| | |
|----------------------|---|
| POSSIBLE APPLICATION | Natural Gas - LPG - Diesel - Gasoline - Heavy Oil |
| CASING MATERIAL | Aluminum Alloy 6061T6 |
| DESIGN LIFE | 8 Years |

| MODEL NUMBER | TES-X-9.6 | TES-X-15 | TES-X-21 |
|--------------|-----------|----------|----------|
|--------------|-----------|----------|----------|

PHYSICAL APPEARANCE



DESIGN PARAMETERS

| | | TES-X-9.6 | TES-X-15 | TES-X-21 |
|------------------------------|--------------------|-----------|----------|----------|
| [GAS] - MAX FLOW CAPACITY | m ³ /hr | 13.44 | 21 | 29.44 |
| [LIQUID] - MAX FLOW CAPACITY | kg/hr | 9.6 | 15 | 21 |
| MAX RATED PRESSURE | kg/cm ² | 100 | 150 | 200 |
| MAX RATED TEMPERATURE | °C | 180 | 180 | 180 |
| PRESSURE DROP | % | 0 - 5 | 0 - 5 | 0 - 5 |

MECHANICAL DATA

| | | TES-X-9.6 | TES-X-15 | TES-X-21 |
|---------------------|----|-----------------|-----------------|-----------------|
| OUTER DIAMETER (OD) | mm | 52 | 62 | 67 |
| INNER DIAMETER (ID) | mm | 37 | 41 | 50 |
| CASING THICKNESS | mm | 4.5 | 4.5 | 5.0 |
| LENGTH (TL - TL) | mm | 169 | 192 | 205 |
| TOTAL LENGTH | mm | 217 | 238 | 265 |
| EMPTY WEIGHT | kg | 0.528 | 0.746 | 0.925 |
| OPERATING WEIGHT | kg | 0.608 | 0.890 | 1.133 |
| THREAD TYPE | | Threaded flange | Threaded flange | Threaded flange |
| THREAD SIZE | | BSPT 3/8" | BSPT 1/2" | BSPT 3/4" |

DEVICE SCHEMATIC

