

Bombas a Doble Diafragma Accionadas por Aire Comprimido



1" Serie TC-X253 (Metálicos)

La serie TC-X253 son bombas robustas para servicio pesado, con excelente resistencia a las fugas y un excepcional rendimiento. Ofrecen rangos de caudal altos y capacidad de manejo de solidos. Nueva característica EcoRing Air (patente pendiente) provee un menor consumo de aire.



Caudal máximo: 58.1 GPM (220 L/Min)
 Altura de descarga máxima: 230 ft (70 m)
 Limitación de slurries: 6.5 mm
 Disponible en: Acero Inoxidable, Aluminio y Hierro fundido
 Valvula de aire: Looped C Spring
 Certificación: CE, ATEX, FDA (Modelos en inoxidable)



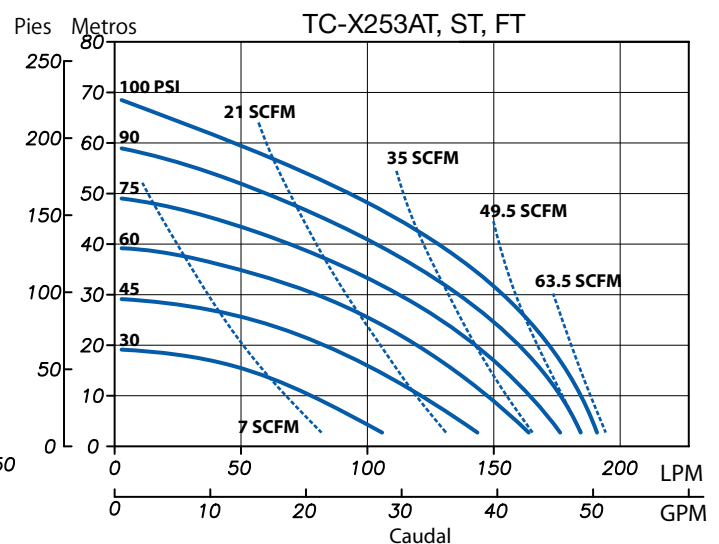
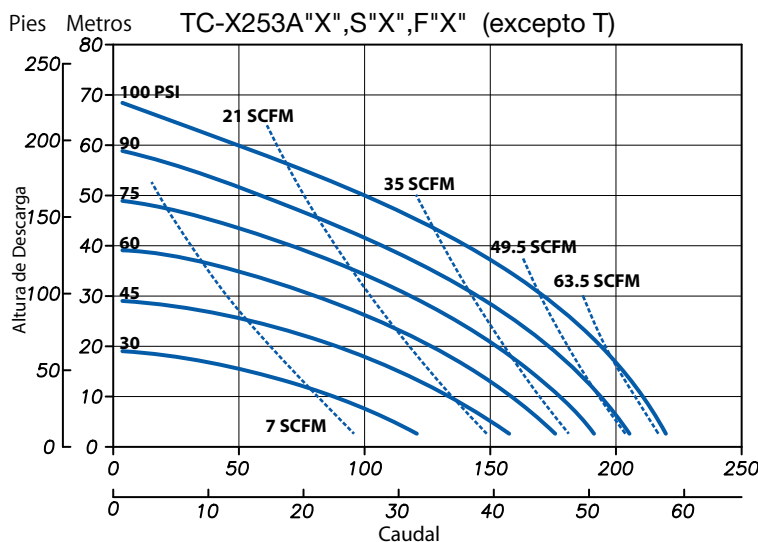
| ESPECIFICACIONES | | | | | | |
|--|-------------------------|--------------------|------|-----------------------|--------------------|----|
| Material Code* | A"X" | S"X" | F"X" | AT | ST | FT |
| Max Flow Rate | 58.1 GPM (220 LPM) | | | 50.2 GPM (190 LPM) | | |
| Max Air Pressure | 100 PSI (7 bar) | | | | | |
| Max Air Consumption | 70.6 cfm (2000 L/min) | | | 63.6 cfm (1800 L/min) | | |
| Supply Air Pressure Range ¹ | 30-100 PSI (2 - 7 bar) | | | | | |
| Liquid Discharge Volume per cycle | 27 oz (800 mL) | | | 22 oz (650 mL) | | |
| Connection Suction x Discharge | NPT 1" (NPT 1½" option) | | | | | |
| Weight | 24.3 lbs (11 kg) | 45.2 lbs (20.5 kg) | | 24.3 lbs (11 kg) | 45.2 lbs (20.5 kg) | |

* Vea la tabla y la nomenclatura del modelo en la hoja posterior para opciones de materiales
 Nota 1: Un suministro de presión de aire de 30 PSI (2 Bar) o más es requerido para operar la bomba. Si la presión de aire es menor a 30 PSI (2 Bar), la bomba puede no operar correctamente.
 Rango de temperatura de líquido: 32-158°F (0-70°C)
 Rango de temperatura ambiente: 32-158°F (0-70°C)
 Recomendación de slurries: 6.5mm o menos
 Viscosidad Limite: Succión negativa ~3000 cps. Succión positiva ~8000 cps. Bombeo de slurries estará basado en tamaño de la bomba y materiales. (Por favor contacte con su distribuidor para mayores detalles)

CURVAS DE RENDIMIENTO

— Fluido
 - - - - - Aire

Condiciones:
 4" (10cm) de succión inundada
 Temperatura ambiente: 70°F (21°C)
 Temperatura del líquido: 68-72°F (20-22°C)



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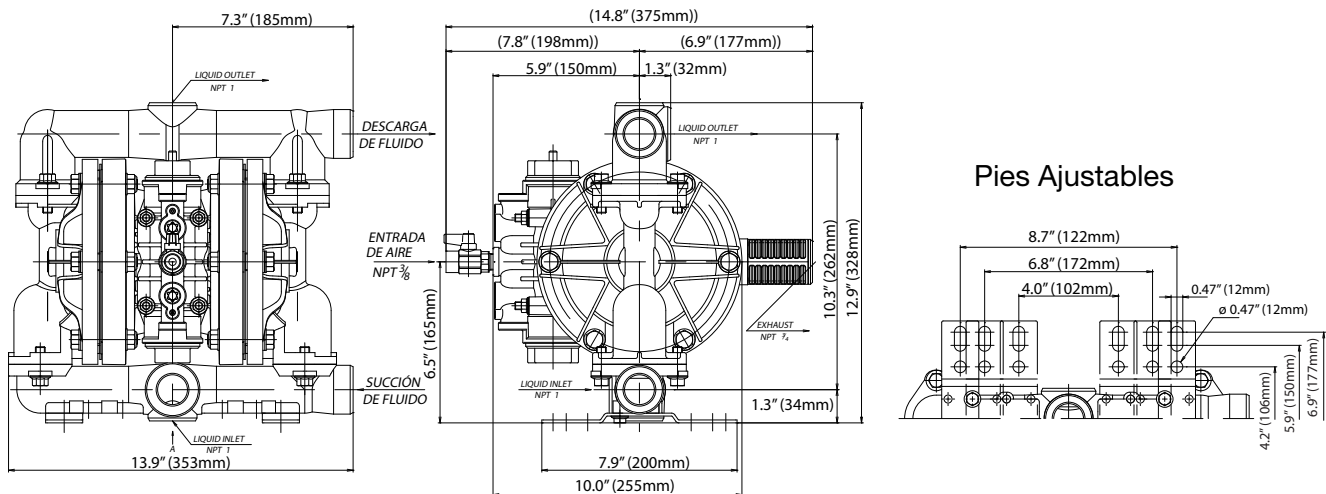
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| MATERIALES PARTES HUMEDAS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---------------------------|----------------|-------------|---|--------------------|-------------------------------|-------------------|---------|------|----|-------------|------|----|-----------|-----------|-----------|----|------|------|----|------|------|----|--------|--------|----|------|------|----|---------|------|----|-------------|------|
| Código | Partes húmedas | Diafragma | Válvula Esferica/ Asiento | Válvula Stopper | Plato de diafragma externo | Cuerpo Central | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AC | AL Alloy | Neoprene™ | Neoprene™ | SS316 | AL | PPG o AL | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AN | | BUNA | BUNA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AE | | EPDM | EPDM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AV | | Viton® | Viton® | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AT | | PTFE | PTFE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AH | | Hytrel™ | BUNA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| AS | | Santoprene® | EPDM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SC | Cast SS | Neoprene™ | Neoprene™ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SN | | BUNA | BUNA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SE | | EPDM | EPDM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SV | | Viton® | Viton® | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ST | | PTFE | PTFE </tr <tr> <td>SH</td> <td>Hytrel™</td> <td>BUNA</td> </tr> <tr> <td>SS</td> <td>Santoprene®</td> <td>EPDM</td> </tr> <tr> <td>FC</td> <td rowspan="7">Cast Iron</td> <td>Neoprene™</td> <td>Neoprene™</td> </tr> <tr> <td>FN</td> <td>BUNA</td> <td>BUNA</td> </tr> <tr> <td>FE</td> <td>EPDM</td> <td>EPDM</td> </tr> <tr> <td>FV</td> <td>Viton®</td> <td>Viton®</td> </tr> <tr> <td>FT</td> <td>PTFE</td> <td>PTFE</td> </tr> <tr> <td>FH</td> <td>Hytrel™</td> <td>BUNA</td> </tr> <tr> <td>FS</td> <td>Santoprene®</td> <td>EPDM</td> </tr> | | SH | | Hytrel™ | BUNA | SS | Santoprene® | EPDM | FC | Cast Iron | Neoprene™ | Neoprene™ | FN | BUNA | BUNA | FE | EPDM | EPDM | FV | Viton® | Viton® | FT | PTFE | PTFE | FH | Hytrel™ | BUNA | FS | Santoprene® | EPDM |
| SH | | Hytrel™ | BUNA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SS | | Santoprene® | EPDM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FC | Cast Iron | Neoprene™ | Neoprene™ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FN | | BUNA | BUNA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FE | | EPDM | EPDM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FV | | Viton® | Viton® | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FT | | PTFE | PTFE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FH | | Hytrel™ | BUNA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FS | | Santoprene® | EPDM | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

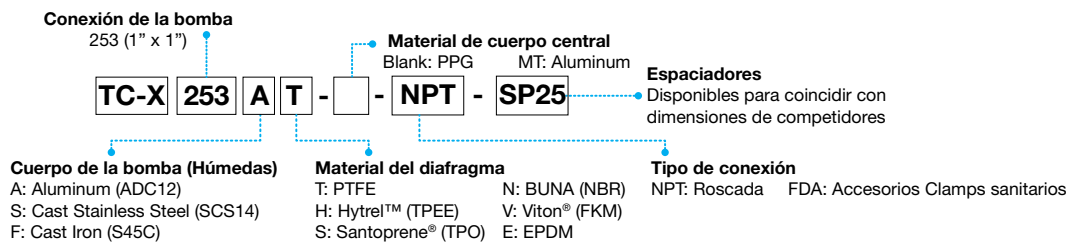
AL Alloy Aluminum Alloy (ADC12)
 AL Aluminum (A5056)
 Neoprene™ Chloroprene Rubber (CR)
 BUNA Nitrile Rubber (NBR)
 Cast SS Cast Stainless Steel (SCS14)
 SS316 Stainless Steel Grade 316*
 Cast iron Cast Iron S45C
 PPG Glass Fiber Reinforced Polypropylene
 PTFE Polytetrafluoroethylene (Teflon®)
 Hytrel™ Thermoplastic Polyester Elastomer (TPEE)
 Santoprene® Thermoplastic PolyOlefin (TPO)
 Viton® Fluoroelastomer (FKM)
 EPDM Ethylene propylene diene monomer (Nordel™)

*SS316 Material tapón multi-puerto
(Bombas Metálicas)

DIMENSIONES



CODIGO DE MODELO



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IALT00346.E June 2017