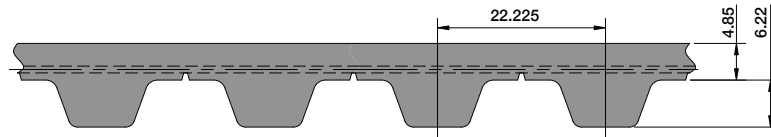


# XH (T7/8")

# BFX IMPERIAL-SERIES



## Truly Endless "BFX"

## Specifications

<b>Widths (inches)</b> <small>In between widths available</small>	.75	1.0	1.5	2.0	3.0	4.0
<b>Widths (mm)</b>	19.05	25.4	38.1	50.8	76.2	101.6
<b>Lengths</b>	See Standard Lengths Below Additional lengths available up to 16,002mm (630"). In between lengths available starting at a minimum length of 1,422.4mm (56").					
<b>Available Options</b>	Nylon coating tooth side (PAZ)					
<b>Tension Member Options</b>	Steel standard Hi-flex steel VA301 Stainless steel VA316 Hi-flex Stainless steel					



## Product Performance

Power Transmission	Rotational Speed	Peripheral Speed	Synchronous Pulley	Applications (Example)
Approx. up to 100 kW	Approx. 6500 min <sup>-1</sup>	Approx. 40 ms <sup>-1</sup>	From z=15	Heavy construction machinery, paper machinery, pumps, compressors, textile machinery

## Specifications

Timing Belt	Pitch (mm)	Code	Ultimate Tensile Strength (N/10mm belt width)	Maximum Allowable Tensile Strength (N/10mm belt width)	Specific Belt Stiffness Steel Reinforced (Per unit width/length)	Specific Belt Mass (per 10mm belt width, steel reinforced)
Imperial Series	XH (T7/8")	BFX	6400	1600	4.00 x 10 <sup>5</sup> N	0.104 kg/m

## Minimum Number of Pulley Teeth and Idler Diameter

Pitch (mm)	Min. # of Pulley Teeth (no back bending)	Min. # of Pulley Teeth (with back bending)	Min. Diameter of Flat Idler running on tooth side (mm)	Min. Diameter of Flat Idler running on belt back (mm)
XH (T7/8")	18	25	150	180

## Standard Material

TPUST<sup>1)</sup>

## Standard Lengths

Pitch/Length Version	Length in mm	Number of Teeth	Pitch/Length Version	Length in mm	Number of Teeth
560 XH	1422.4	64	1400 XH	3556.0	160
630 XH	1600.2	72	1540 XH	3911.6	176
700 XH	1778.0	80	1750 XH	4445.0	200
770 XH	1955.8	88	1960 XH	4978.4	224
840 XH	2133.6	96	2275 XH	5778.5	260
980 XH	2489.2	112	2450 XH	6223.0	280
1120 XH	2844.8	128	3500 XH	8890.0	400
1260 XH	3200.4	144			

## Ordering Example: Polyurethane Timing Belt

[WIDTH] [PITCH] / [LENGTH] [CONSTRUCTION]

EX 1: 50.8 T7/8" / 1778 BFX

EX 2: 700 XH / 200 BFX