

456EW1 3" DOOR ROLLER



This OEM Otis 3" door hanger roller has been used by Otis on both Car & Hall door systems for about 50 years.

The 3" dimension pertains to the rolling surface diameter. If measured out at the farthest OD, it will measure ~3-3/8".

It is used as an equivalent service replacement door roller for those used in the 1960s and 70s (456DH1 & 456CX4), and is also used as a direct replacement for 456EW1 rollers designed and installed new beginning in the early 1980s.

It is the most common Otis door roller.

It carries a 1/2" diameter axle shaft, permanently affixed to a ball bearing.

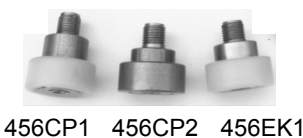
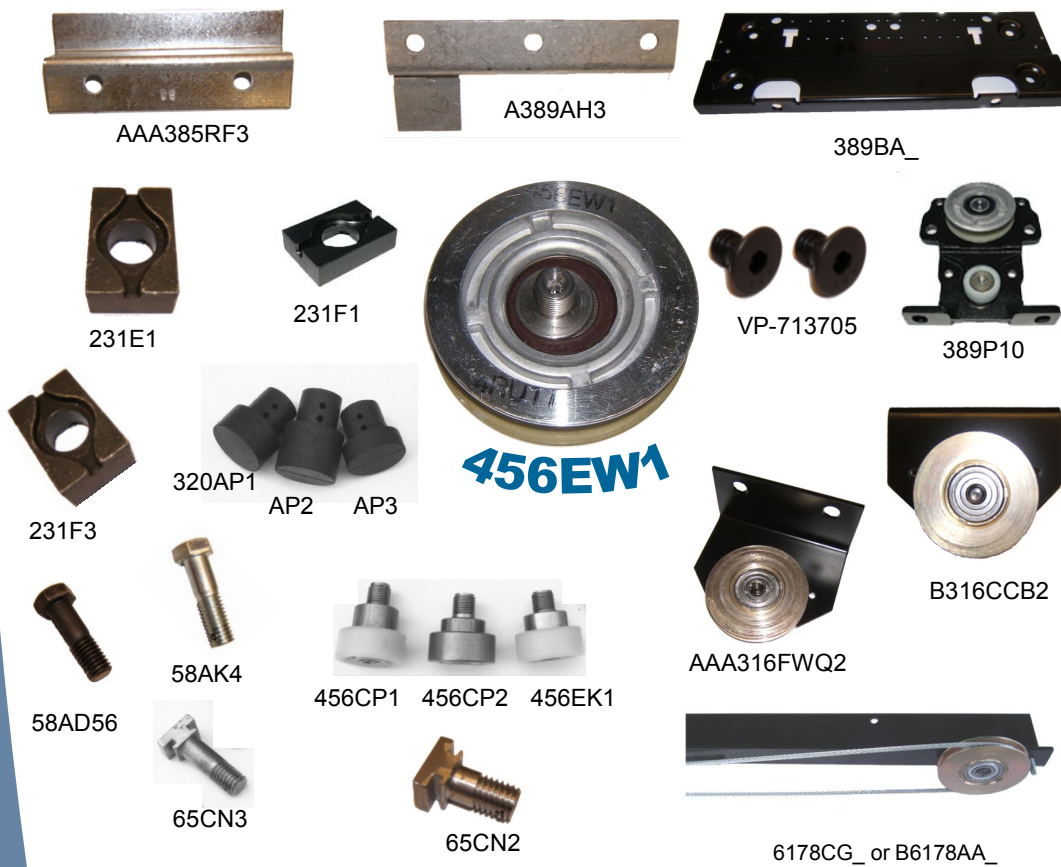
It is important to note the unique offset of the roller's shaft shoulder which is recessed beneath the side roller face by about 3/16" of an inch.

There were other rollers used on Otis installations during the same time period: some with 5/8" axle shafts, some with protruding mounting shoulders, some with longer shafts.

Each of these other rollers is available through UNITEC as spare parts, but are not anywhere near as common as this 456EW1 (fixing nut not included).

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456EW1 RELATED PARTS



456CP1, 456CP2, 456EK1 Door hanger up thrust rollers (~1-3/8" die)
72AF2 Hex nut for hanger rollers & up thrusts (not shown)
6178CG, B6178AA Type 2-Speed Air cord Drive devices
174AS995 OEM Otis aircraft cable (air cord) (not shown)
VP-713705 Socket Head Flat head screws (5/16" size)
389P10 Applied Hall Door Hanger Assembly
389BA Applied Sheet metal offset Car Door hanger
B316CCB2, AAA316FWQ2 C/O Cable Pulley Assemblies
320AP1, 320AP2, 320AP3 1" diameter door bumpers
231E1, 231F3, 231F1 Air cord Clamp Bars
58AD56, 58AK4, 65CN2, 65CN3 Hex Bolts & Tee Bolts
A389AH3 Door Top Retainers
AAA385RF3 Door Bottom retainers

