



**MOTOR DRIVEN
AIR COMPRESSORS**

for
**ELECTRIC RAILWAY
SERVICE**

INSTRUCTION PAMPHLET

No. T 5002

AUGUST, 1933

(SUPERSEDING ISSUE OF AUGUST, 1928)

COPYRIGHT, 1933, BY THE

**WESTINGHOUSE
TRACTION BRAKE COMPANY**

PITTSBURGH, PA., U. S. A.

“Bungalow”

Type DH Compressor

The DH or “Bungalow” type of motor driven air compressor is a light weight, low height compressor developed especially for use on low-built, light weight cars, but is none the less adaptable to all types of cars.

It embodies the following important features: Provision for preventing oil passing into the brake system; few bolts throughout, facilitating taking apart and assembling; easily removed armature; easily adjusted brush pressure; perfect alignment, which is fixed—not adjustable; accessibility of all working parts; direct “three point” suspension; minimum height over-all; minimum weight; high over-all efficiency and large capacity motor.

This compressor is of the horizontal two cylinder type, single stage, single acting (that is, the air is compressed only on one side of the piston), and is driven by a motor through herringbone gearing. As can be seen from Fig. 1, however, the DH compressor is different in general design from preceding types. The motor is at the side of the compressor portion instead of behind it, and the motor pinion is in front of the gear, as shown in Fig. 3, thereby giving greater compactness.

The low height of the compressor makes it particularly adapted to the “Easy Entrance, Easy Exit” type of car, in which track clearance has been reduced to a minimum.

The motor is provided with a large door at the commutator end, shown in Fig. 6, giving easy access to the

