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Trane Screw Compressors CHHN Nomenclature

MODEL NUMBER DESCRIPTION

CHHN COMPRESSOR

C H H N 0 3 5 D K A 0 N 0 7 0 N
 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

<u>DIGIT 1...</u>	COMPRESSOR SERIES C= COMPRESSOR	<u>DIGIT 9...</u>	RELIEF PRESSURE-INTERNAL RELIEF K= 450 PSI
<u>DIGIT 2...</u>	HELICAL ROTARY (TWIN SCREW) H= HELICAL ROTARY	<u>DIGIT 10 & 11...</u>	DESIGN SEQUENCE A0= FIRST DESIGN R0= REMANUFACTURED
<u>DIGIT 3...</u>	HERMETIC H= HERMETIC	<u>DIGIT 12...</u>	CAPACITY LIMIT N= STANDARD CAPACITY CONTROL (NO CAPACITY LIMIT)
<u>DIGIT 4...</u>	MOTOR TYPE N= 3600 RPM, SERVICABLE SUCTION GASCOOLED MOTOR, NO ECONOMIZER	<u>DIGIT 13, 14, 15...</u>	MOTOR KW RATING (NOMINAL INPUT) 036= 35 TON, 50 HZ 043= 35 TON, 60 HZ 041= 40 TON, 50 HZ 050= 40 TON, 60 HZ 048= 50 TON, 50 HZ 057= 50 TON, 60 HZ 058= 60 TON, 50 HZ 060= 60 TON, 60 HZ
<u>DIGIT 5, 6, 7...</u>	CAPACITY (@ ARI TEST CONDITIONS) 035= 35 TONS 040= 40 TONS 050= 50 TONS 060= 60 TONS		
<u>DIGIT 8...</u>	MOTOR VOLTAGE A=200/60/3 C=230/60/3 D=380/60/3 H=575/60/3 J=346/50/3 M=363/50/3 R=220/50/3 T=400/50/3-460/60/3	<u>DIGIT 16...</u>	VOLUME RATIO N= LOW VOLUME RATIO A= HIGH VOLUME RATIO B= OPTIONAL VOLUME RATION (TO BE DETERMINED) S= SPECIAL CUSTOMER OPTION