

CN70 / PAL

CUSTOM - MADE TOOL FOR AUTOMATION MACHINE

07/07/2020 00/01



■ Fitting and Hose

- ① Remote control valve : for 5/32" air tube
- ② End cap for : 3/8" air fitting

■ Representative example setting for CN70 / PAL

- Pressure : Tool = 100 psi , Trigger Valve = 80 - 100 psi
- Off Time (Tool On Time) : 40 msec
- Tube for Valve : Diameter = 5/32" , Length = 2 feet or less
- Hose for Tool : Diameter = 3/8" , Length = 1.5 feet (18 inch) or less
- Storage Tank : 3.2 gal (12L) or more (each 4 tools)
- Compressor : 10 HP , 35 - 40 cfm 2 stage
- Tool speed : 90 feet/min (45.72 cm/sec)

※Above setting information is for typical automation machine.

Detail setting depends on automation machine which tool will be mounted on.

■ Dimension of CN70 / PAL

		CN70 / PAL	
		inch	mm
A	HEIGHT (without "CONTACT ARM")	12.028 inch	305.5 mm
B	WIDTH	4.264 inch	108.3 mm
C	LENGTH	12.087 inch	307.0 mm
D	FRAME CENTER - END CAP	10.039 inch	255.0 mm
E	CYLINDER CAP BOLT PITCH	3.071 inch	78.0 mm
F	CYLINDER CAP BOLT HOLE SURFACE - TOP of CYLINDER CAP	1.791 inch	45.5 mm
G	CYLINDER CAP BOLT HOLE SURFACE - FRAME BOLT HOLE CENTER	4.429 inch	112.5 mm
H	FRAME CENTER - FRAME BOLT HOLE CENTER	8.996 inch	228.5 mm
I	CYLINDER CAP BOLT HOLE SURFACE - END CAP CENTER	2.402 inch	61.0 mm
J	FRAME BOLT HOLE CENTER - NOSE HOLE CENTER	3.996 inch	101.5 mm
K	NOSE BOLT PITCH	2.205 inch	56.0 mm
L	FRAME CENTER - NOSE HOLE CENTER	2.087 inch	53.0 mm
M	THICKNESS (FRAME BOLT HOLE PORTION)	0.591 inch	15.0 mm
N	FRAME CENTER - FRAME BOLT HOLE SURFACE	0.669 inch	17.0 mm
O	NOSE HOLE DEPTH	0.276 inch	7.0 mm
P	FRAME CENTER - NOSE HOLE SURFACE	0.457 inch	11.6 mm
Q	CYLINDER CAP BOLT HOLE SURFACE - NOSE BOLT HOLE SURFACE	6.102 inch	155.0 mm
R	FRAME CENTER - END CAP CENTER	0.433 inch	11.0 mm
S	THICKNESS (NOSE HOLE PORTION)	0.173 inch	4.4 mm

