

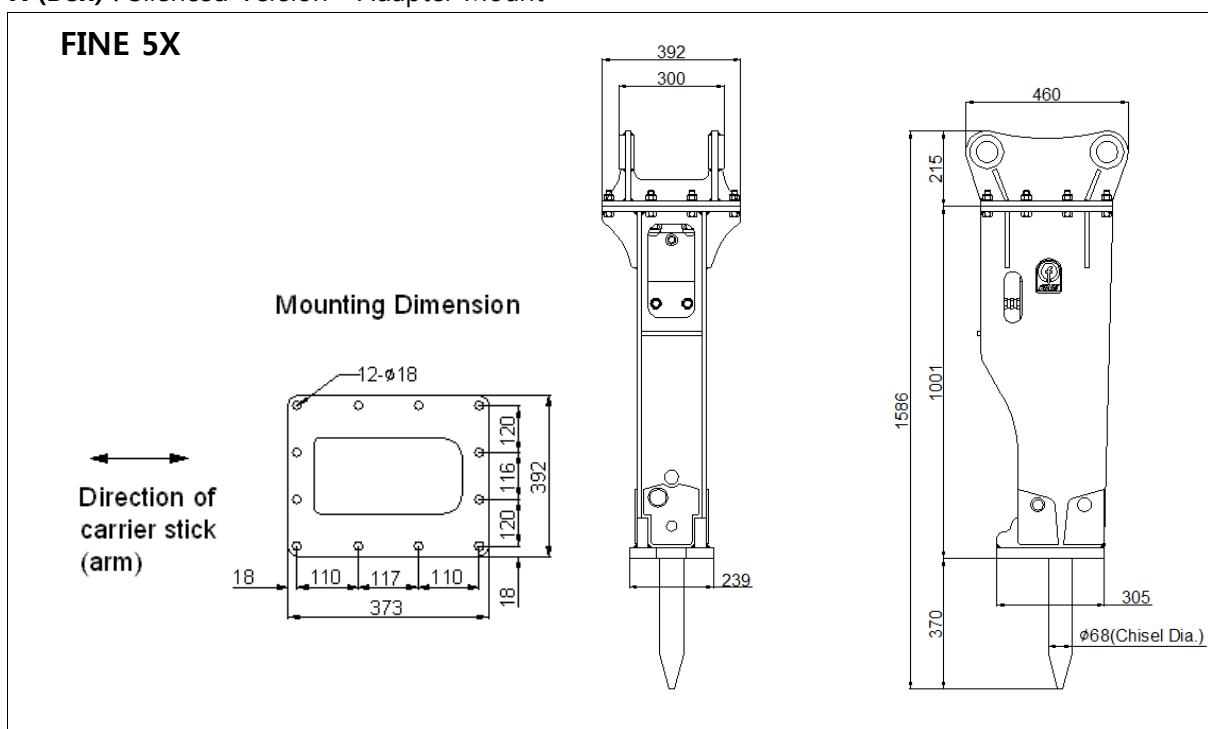
# **FINE 5X** **TECHNICAL SPECIFICATIONS**

FS#	FHB-T5-E1
Cre. Date	28 APR, 2011
Rev. Date	
Page	1 of 4

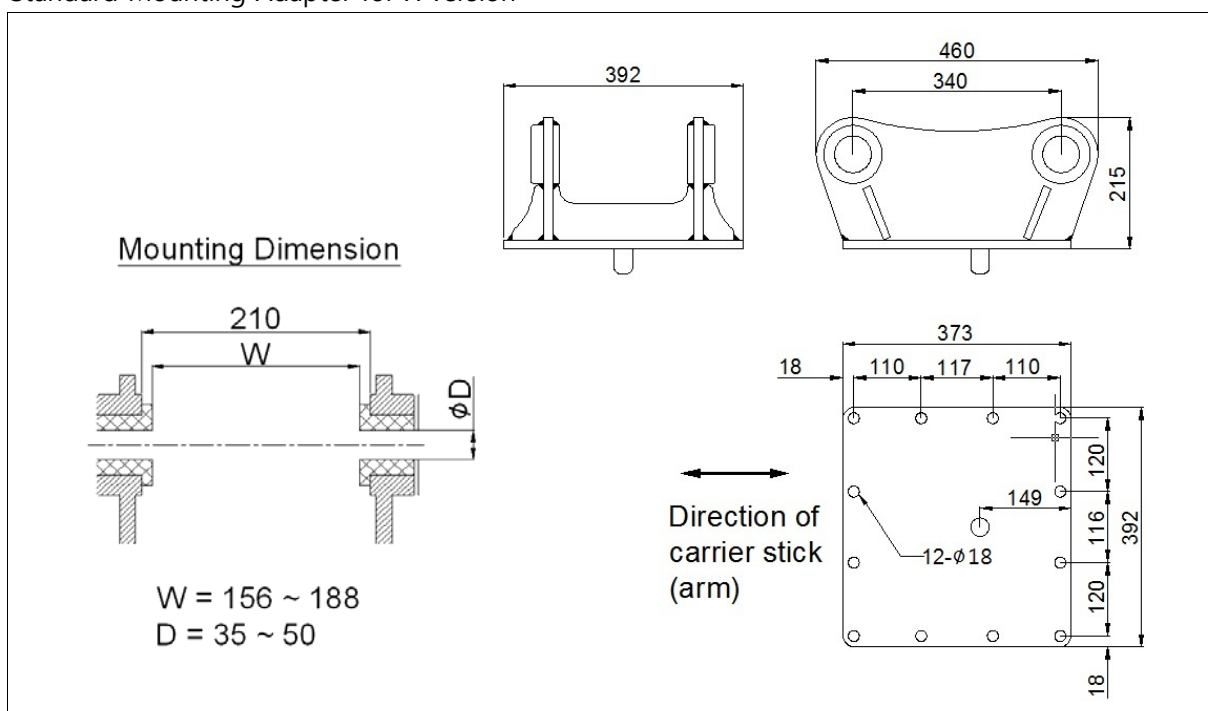
## **1. EXTERNAL DIMENSIONS**

Unit: mm

### ● **X (Box) : Silenced Version - Adapter Mount**



### ● **Standard Mounting Adapter for X version**





## FINE 5X TECHNICAL SPECIFICATIONS

FS#	FHB-T5-E1
Cre. Date	28 APR, 2011
Rev. Date	
Page	2 of 4

### 2. BASIC SPECIFICATIONS

Bracket Version	X (Box)			
Available Option				
2-speed control	Std.			
Dust protector	Opt.			
Auto-greasing kit	Opt.			
Working Weight <sup>1)</sup>	275 (606)		kg (lbs)	
Weight without chisel and mounting adapter			kg (lbs)	
Overall Length <sup>2)</sup>	1,586 (62)		mm (in.)	
Weight of components				
Power-cell			kg	(lbs)
Chisel(standard)	18	(40)	kg	(lbs)
Mounting adapter <sup>3)</sup>			kg	(lbs)
Required Oil Flow	30 ~ 50	(8 ~ 13)	lpm	(gpm)
Operating Pressure	90 ~ 130	(1,305 ~ 1,885)	bar	(psi)
Blow Frequency	450 ~ 900		bpm	
Impact Energy	849	(627)	J	(ft.lbf)
Tool (chisel) Shank Diameter	68	(2.7)	mm	(in.)
Applicable Carrier Weight				
Optimal range	2 ~ 7	(4 ~ 15)	t	(klbs)
Available range	2 ~ 7	(4 ~ 15)	t	(klbs)

Notes :

- 1) Total weight including standard tool, standard mounting adapter and spacers but excluding hydraulic hoses, fittings and mounting pins.
- 2) The length measured from the tool tip of the standard tool to the top of the breaker including mounting adapter.
- 3) Including standard mounting adapter, fasteners and spacers (for X version)



# **FINE 5X** **TECHNICAL SPECIFICATIONS**

FS#	FHB-T5-E1
Cre. Date	28 APR, 2011
Rev. Date	
Page	3 of 4

## **3. INSTALLATION SPECIFICATIONS**

Gas Charging Pressure <sup>1)</sup>				
Back-head (Piston accumulator) <sup>2)</sup>	16 ~ 17	(232 ~ 247)	bar	(psi)
Hydraulic Piping				
Line size (min. internal diameter)	13	(1/2)	mm	(in.)
Acceptable back pressure (max.) <sup>3)</sup>	10	(150)	bar	(psi)
Hose connections of breaker				
Oil supply (IN) & return (OUT)	BSP 1/2" O-Ring Boss Female			
Pressure Relief (min.)	40 (600) + measured max. operating pressure			
Acceptable Hydraulic Oil				
Operating temperature <sup>4)</sup>	-20 ~ +85	(-4 ~ +185)	°C	(°F)
Viscosity	1000 ~ 10		cSt	

Notes :









- 1) The prefill nitrogen gas pressure measured statically (breaker not operating) without down load on the tool at the stabilized gas temperature of +20 °C
- 2) The recommended value at the normal operating condition (supplied oil flow, oil temperature and viscosity, etc.)
- 3) The maximum allowed oil pressure at the breaker's connection point to the return line (measured statically without the breaker)
- 4) The allowed temperature limits when using the oil of viscosity grade 46



# **FINE 5X** **TECHNICAL SPECIFICATIONS**

FS#	FHB-T5-E1
Cre. Date	28 APR, 2011
Rev. Date	
Page	4 of 4

## **4. AVAILABLE TOOLS (CHISELS)**

Shank Diameter	68	(2.6)			mm	(in.)
<b>TYPE OF TOOL :</b>						
	Wedge Point	Moil Point	In Line Point	Blunt Point		
Tool Diameter <sup>1)</sup>	68 (2.6)	68 (2.6)	68 (2.6)	68 (2.6)	mm	(in.)
Tool Length	697 (29)	700 (29)	697 (29)	697 (29)	mm	(in.)
Tool Weight	17.9 (39.5)	17.3 (38.1)	17.9 (39.5)	18.8 (41.4)	kg	(lbs)
Tool Shape						
						

Notes :

1) The diameter of the tool portion outside the breaker body

- Other special designs are also available on request.