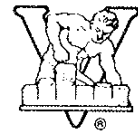




VULCAN IRON WORKS INC. SPECIFICATIONS



VULCAN SINGLE ACTING PILE HAMMER

Size 016

Model No. 07V100 Spec. No. 2203

OPERATING DATA

Rated Striking Energy.....	48,750 Ft. Lb.....	6,742 kg m
Blows Per Minute @ Rated Pressure.....	60.....	60
Nominal Stroke.....	3 Ft.....	914 mm
Striking Velocity @ Impact.....	13.94 FPS.....	4.25 m/sec.
Max Force @ Impact.....	7,036,250 Lb.....	3,198,295 kg
Rated Operating Pressure @ Hammer.....	120 p.s.i.....	8.44 kg/cm ²
Steam Consumption-From & @ 212° F./100 C.....	6,950 Lb./hr.....	3.152 kg/hr.
Air Consumption — (Adiabatic Compression).....	1,275 CfM.....	36.08 cu m/min.
Boiler H.P. Req'd. — ASME Rating.....	210 USHP.....	213 MHP
√EW Rating @ Energy Rating.....	28,145.....	28,145

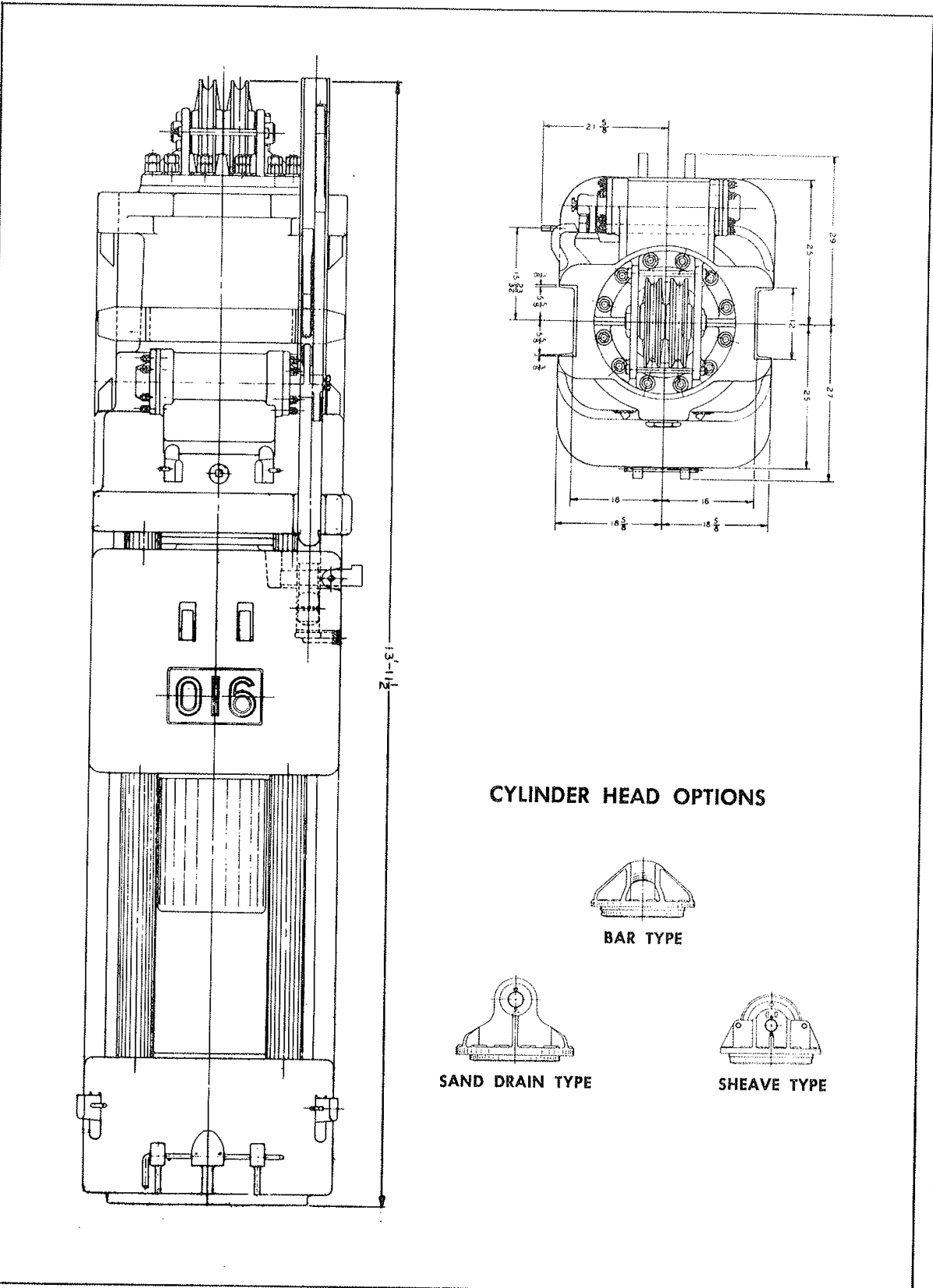
DIMENSIONAL DATA

Diameter of Piston.....	19 In.....	483 mm
Area of Piston — Net.....	255.26 Sq. In.....	1,646.81 cm ²
Length of Hammer — Overall.....	13'-11".....	4,248 mm
Distance Across Jaws.....	32 In.....	812 mm
Width of Jaws.....	11 ¼ In.....	285 mm
Largest Diameter of Pile*.....	29 In.....	736 mm
Size of Hose.....	3 In.....	75 mm

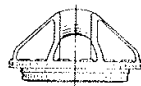
WEIGHT DATA

Weight of Striking Parts.....	16,250 Lb.....	7,386 kg
Net Weight of Hammer.....	30,250 Lb.....	13,721 kg
Shipping Weight of Hammer.....	32,000 Lb.....	14,515 kg

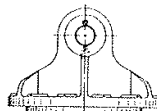
*Permitted by Standard Jaws



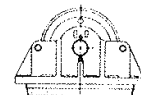
CYLINDER HEAD OPTIONS



BAR TYPE



SAND DRAIN TYPE



SHEAVE TYPE