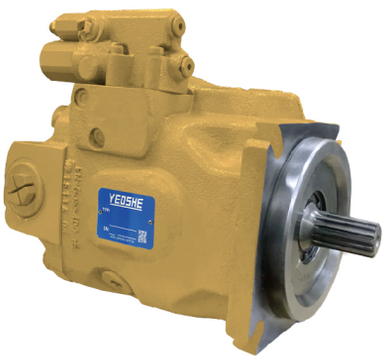
Small Hydraulic Excavator

YEOSHE HYDRAULICS TECHNOLOGY CO.,LTD. www.yeoshehydraulic.com

For small excavators 6~9t – 305 / 305.5E / 307E / 907



Product Description

1.With heavy load bearing and long service life

2.Adjustable speed drive

3.Short response time

4.Low noise

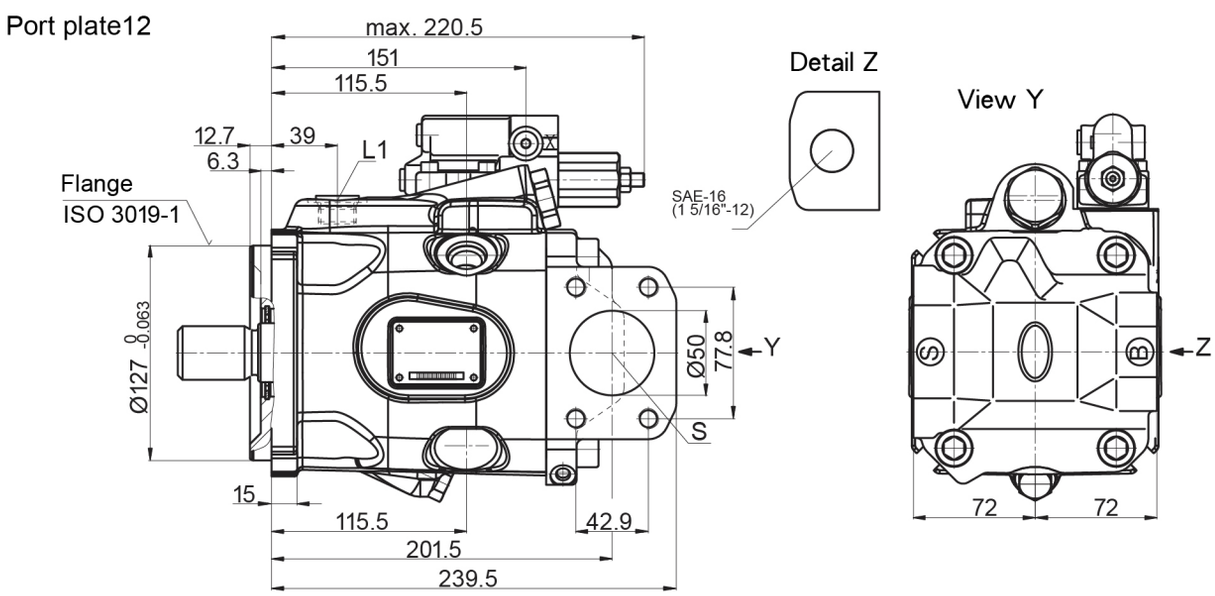
Specification

Model	Displacement (Ml/r)	Working pressure (Mpa)	Max.pressure (Mpa)	Splined Shaft(T)	Weight (Kg)	Excavator (Ton)
358-500401	63	25	31	14	25	6~8
402-0183-01				15		
423-009702						
455-7947-00						

Dimensions size

Before finalizing your design request a certified installation drawing.
Dimensions in millimeter (mm).

Port plate12

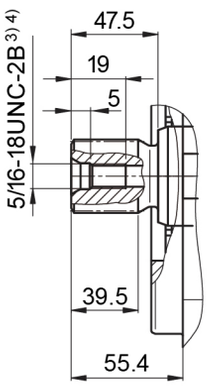


1) Dimensions of service line ports turned through 180° for counter-clockwise rotation.

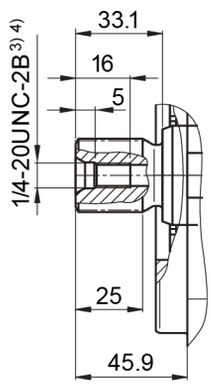
Dimensions size

Drive shaft

S Splined shaft，1 1/4 in，
14T 12/24DP [1] (SAE J744)



U Splined shaft，1 in
15T 16/32DP [1] (SAE J744)



Ports

Designation	Port for	Standard	Size [4]	Maximum pressure [bar] [5]	State
B	Service line, fixing thread	SAE J518 [6] DIN 13	1 in M10 x 1.5 17 depth	315	O
S	Service line, fixing thread	SAE J518 [6] DIN 13	2 in M12 x 1.75 20 depth	5	O
L	Case drain fluid	ISO 11926 [7]	7/8-14UNF-2B；13 depth	2	O [8]
L_1，L_2 [8]	Case drain fluid	ISO 11926 [7]	7/8-14UNF-2B；13 depth	2	X [8]
X	Control pressure	ISO 11926 [7]	7/16-20UNF-2A；11.5 depth	315	O

1)ANSI B92.1a · 30° pressure angle, flat root, side fit, tolerance class 5.
2)Splines according to ANSI B92.1a, run out of spline is a deviation from standard.
3)Thread according to ASME B1.1.
4)For the maximum tightening torques the general instructions on FINAL PAGE must be observed.
5)Depending on the application, momentary pressure spikes can occur. Consider this when selecting measuring equipment and fittings.
7)The spot face can be deeper than as specified in the standard.
8)Depending on the installation position, L, L1 or L2 must be connected.

O = Must be connected (plugged on delivery)
X = Plugged (in normal operation)