

MOUNTING DIMENSIONS, SIZE 45

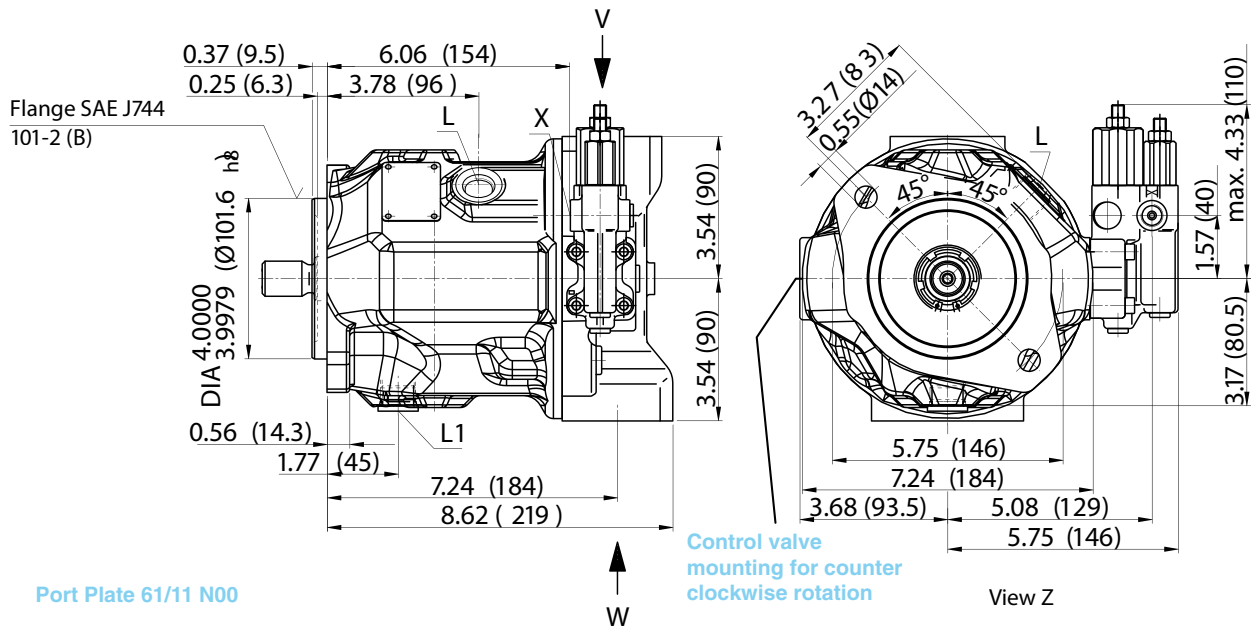
SERIES 31

H(S)P-10V45 SHAFT,

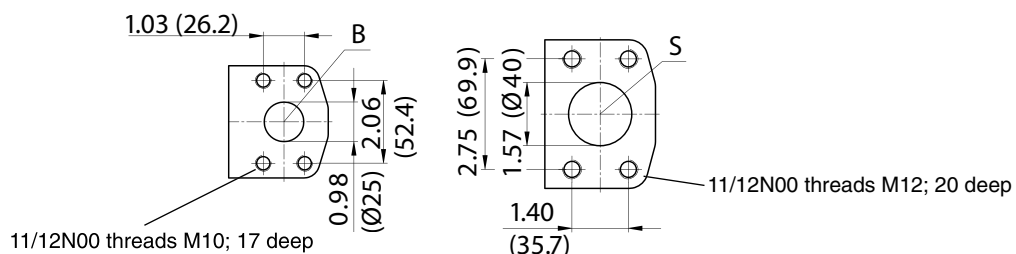
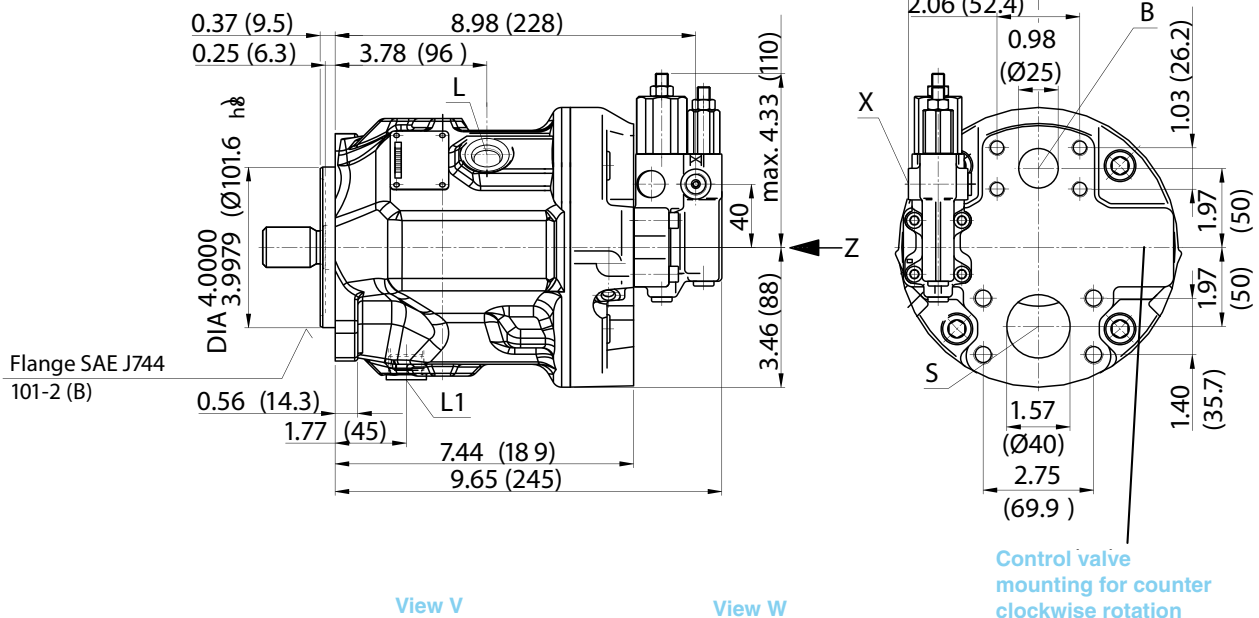
SERVICE PORTS AT SIDE AND REAR; NON THROUGH DRIVE

Without Considering Adjustment

Port Plate 62/12 N00



Port Plate 61/11 N00

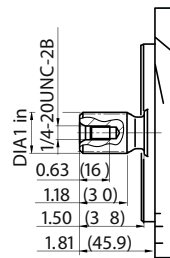


MOUNTING DIMENSIONS, SIZE 45

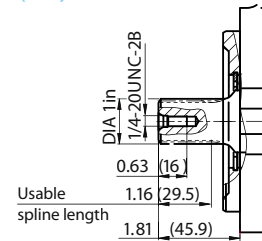
SERIES 31

H(S)P-10V45 SHAFT, METRIC MOUNT, AND PORT DIMENSIONS

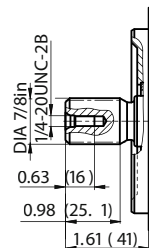
S Splined shaft 1 in 15T 16/32 DP
SAE J744 - 25-4 (B-B)



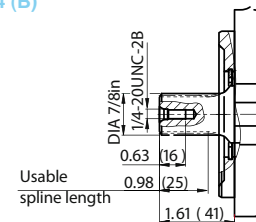
R Splined shaft 1 in 15T 16/32 DP
SAE J744 - 25-4 (B-B)



U Splined shaft 7/8 in 13T 16/32 DP
SAE J744 - 22-4 (B)

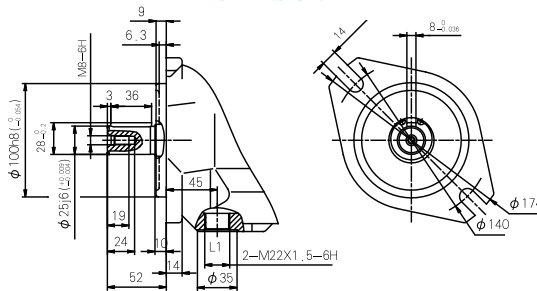


W Splined shaft 7/8 in 13T 16/32 DP
SAE J744 - 22-4 (B)

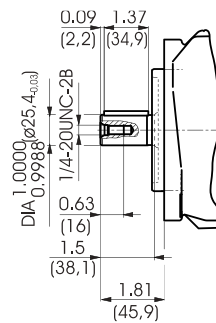


1) ANSI B92.1a-1976, 30° pressure angle, flat root side fit, flank centering, tolerance class 5

Shaft P, ISO Flange A
25 mm Ø Shaft



K Parallel with key
ISO 3019-1 25-1



Ports H(S)P-10V45

Designation	Port for	Standard	Size	Peak press. [psi (bar)]	Tightening Torque, Max [lb-ft (Nm)]	State
B	Service line (standard pressure range) Fixing thread	SAE J518 ISO 68	1 in 3/8-16 UNC-2B; 0.71 (17) deep	5100 (350)	29 (40)	O
S	Inlet (standard pressure range) Fixing thread	SAE J518 ISO 68	1 1/2 in 1/2-13 UNC-2N; 0.87 (22) deep	75 (5)	66 (90)	O
L, L ₁	Case drain	ISO 11926	7/8-14 UNF-2B	30 (2)	177 (240)	O ¹⁾
X	Pilot pressure	ISO 11926	7/16-20 UNF-2B; 0.39 (10) deep	5100 (350)	29 (40)	O
X	Control pressure for DG control	DIN 3852	R 1/4 in	1740 (120)	48 (70)	O

1) Dependent on the installation position, port L or L₁ must be connected

O = Must be connected