

MOUNTING DIMENSIONS, SIZE 100

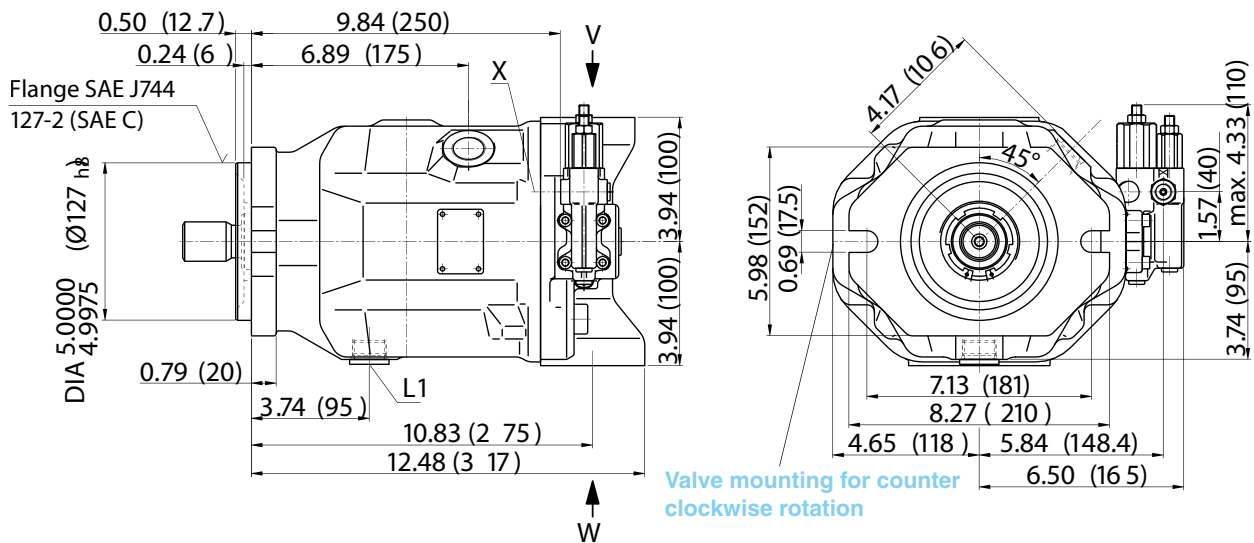
SERIES 31

H(S)P-10VI100 SHAFT,

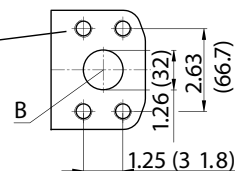
SERVICE PORTS ON SIDE & REAR; NON THROUGH DRIVE

Without Considering Adjustment

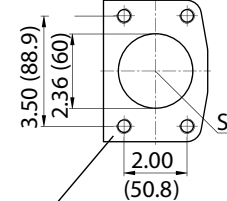
Port Plate 62/12 NOO



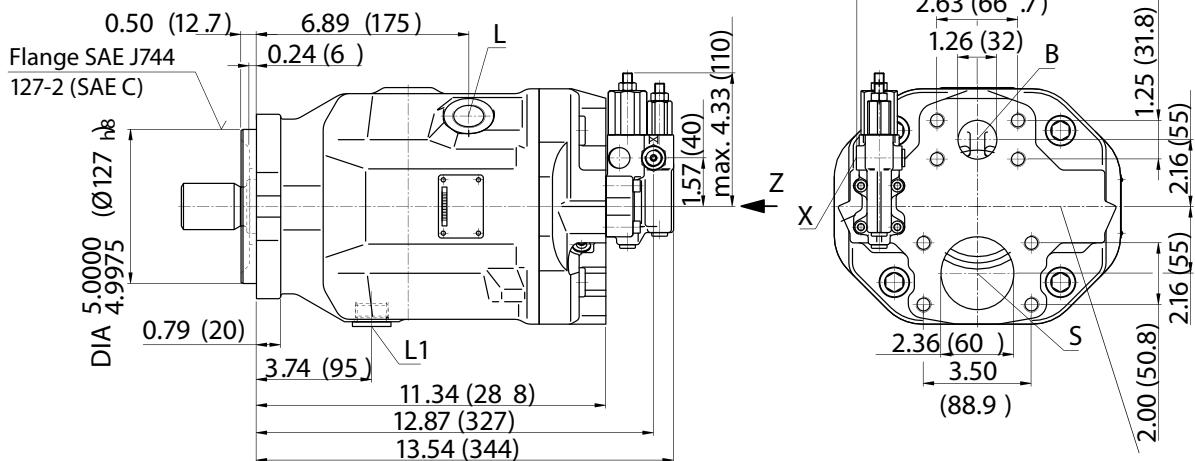
View V



View W



Port Plate 61/11 NOO

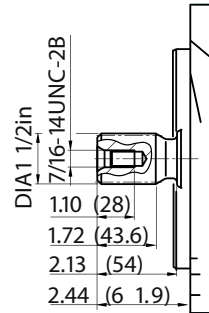


MOUNTING DIMENSIONS, SIZE 100

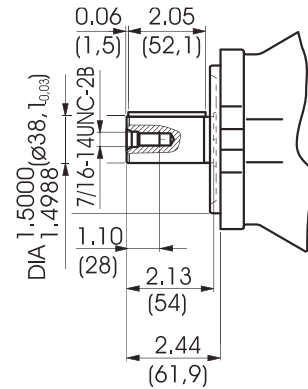
SERIES 31

DRIVE SHAFTS

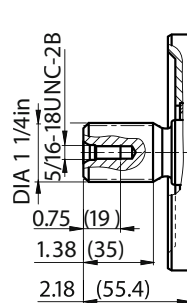
S Splined shaft 1 1/2 in 17T 12/24 DP1)
SAE J744 - 38-4 (C-C) ¹⁾



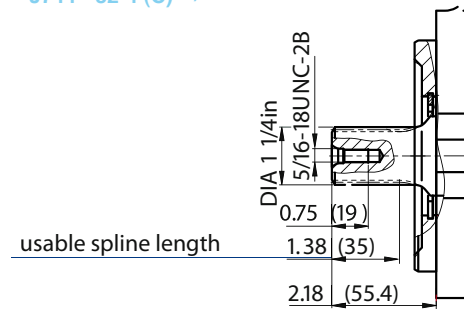
K Parallel with key
ISO 3019-1 38-1



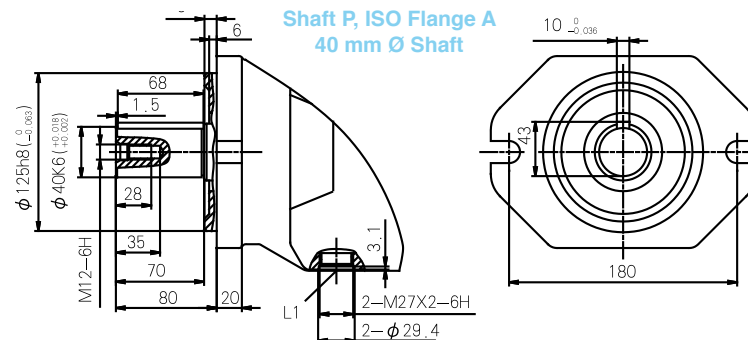
U Splined shaft 1 1/4 in 14T 12/24 DP1) SAE
J744 - 32-4 (C) ¹⁾



W Splined shaft 1 1/4 in 14T 12/24 DP1) SAE
J744 - 32-4 (C) ¹⁾



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



Ports H(S)P-10V 100

Designation	Port for	Standard	Size	Peak press. [psi (bar)]	Max Tightening Torque [lb-ft (Nm)]	State
B	Service line (high pressure range) Fixing thread	SAE J518 ISO 68	1 1/4 in 1/2-13 UNC-2B; 0.75 (19) deep	5100 (350)	66 (90)	O
S	Intlet (standard pressure range) Fixing thread	SAE J518 ISO 68	2 1/2 in 1/2-13 UNC-2B; 1.06 (17) deep	75 (5)	66 (90)	O
L, L ₁	Case drain	ISO 11926	1 1/16-12 UNF-2B	30 (2)	265 (360)	O ¹⁾
X	Pilot pressure	ISO 11926	7/16-20 UNF-2B; 0.39 (10) deep	5100 (350)	59 (80)	O
X	Control pressure for DG control	DIN 3852	R 1/4 in	1740 (120)	59 (80)	O

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

O = Must be connected