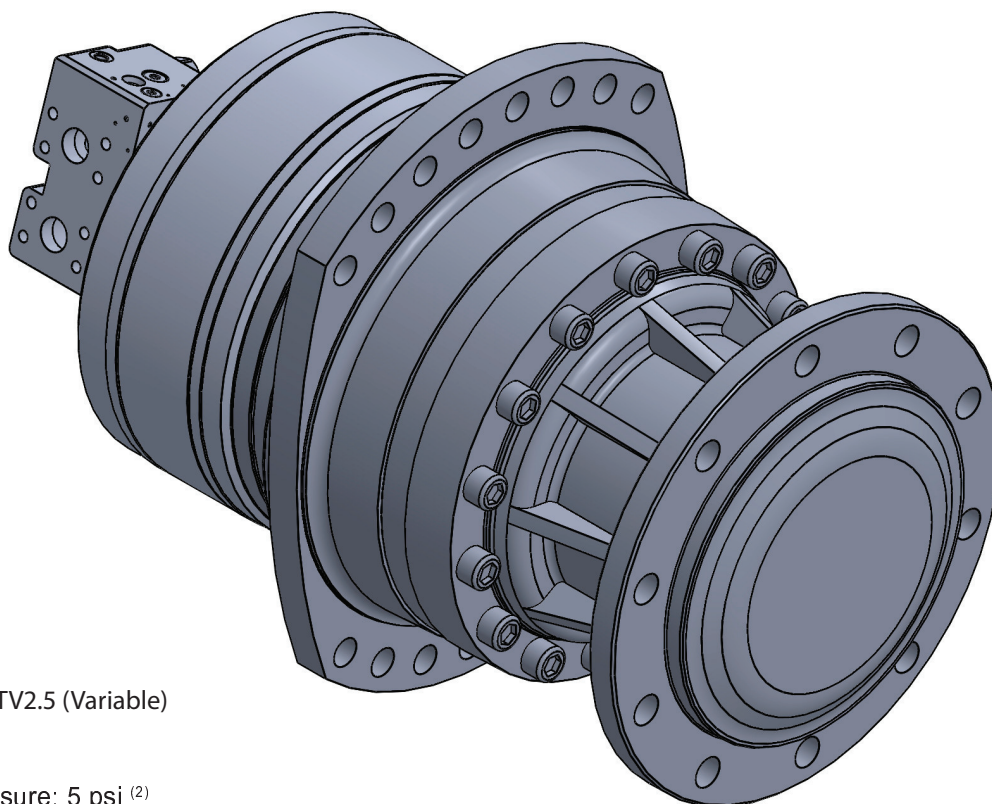


PSWD200/PSWV200 DUAL/VARIABLE DISPLACEMENT MOTOR



Motor: TD2.5 (Dual)/ TV2.5 (Variable)

Weight:

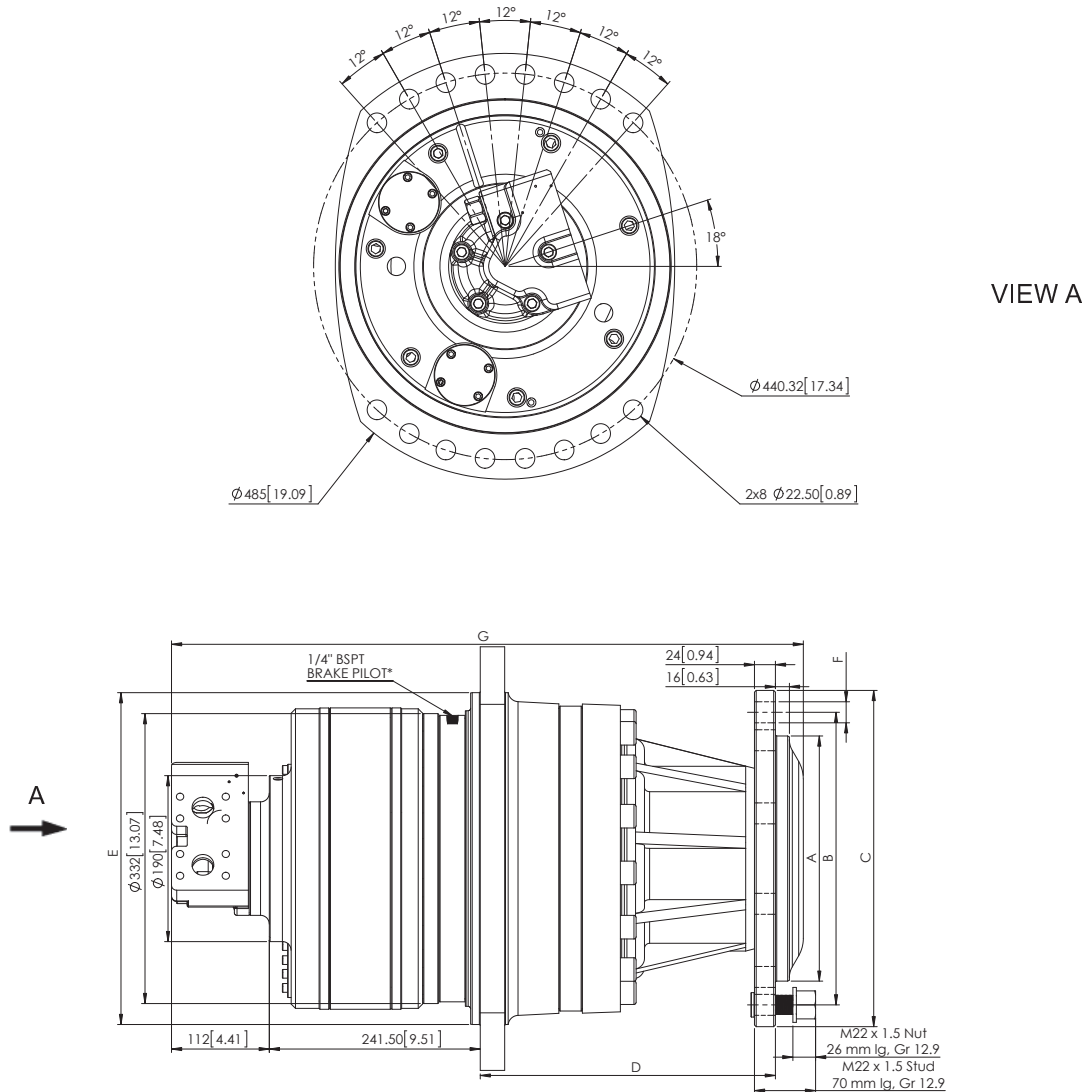
Oil:

Gearbox Case Pressure: 5 psi ⁽²⁾

Nominal Displacement		2500		3000		3500		4000	
Displacement Setting		max	min	max	min	max	min	max	min
Displacement	in ³ /rev	149.86	74.93	183.47	91.73	212.76	106.38	244.21	122.10
Torque/100 psi (Theor)	ft/lb	198.85	99.42	243.45	121.72	282.33	141.16	324.06	162.03
Motor Cont Pressure Rating ⁽¹⁾	psi	5000	5000	5000	5000	5000	5000	5000	5000
Motor Peak Pressure Rating	psi	5800	5800	5800	5800	5800	5800	5800	5800
Output Cont Torque Rating	ft/lb	9942	4971	12172	6086	14116	7058	16203	8101
Output Peak Torque Rating	ft/lb	11533	5766	14120	7060	16375	88187	18795	9397
Continuous Speed	rpm	100	140	95	130	90	120	70	110
Max. speed	rpm	130	150	120	140	100	130	90	120
Peak power	HP	160	160	160	160	160	160	160	160
Brake Release Pressure	psi	240	240	240	240	240	240	240	240
Max Brake Release Pressure	psi	600	600	600	600	600	600	600	600
Max Brake Holding Torque	ft-lb	11533	11533	14120	14120	16375	16375	18795	18795
Hi-Low Ratios (Dual Disp.)	1:	2, 3, 4							
Motor Pilot Pressure	psi	20 - 30 bar (290 - 430 psi)							
Disp. Ranges (Variable Disp.)	% max	100-25, 90-15, 75-0							

1) Continuous or average working pressure should be chosen on the motor bearing lifetime choice, 2) For both separate and common oil. Consult SAI for high pressure casing.

PSWD200/PSWV200 DIMENSIONS



Unit Type	A mm [in]	B mm [in]	C mm [in]	D mm [in]	E mm [in]	F mm [in]	G mm [in]
With Brake	$\varnothing 280.7$ [$\varnothing 11.05$]	$\varnothing 335$ [$\varnothing 13.19$]	$\varnothing 385$ [$\varnothing 15.16$]	$\varnothing 338$ [$\varnothing 13.31$]	$\varnothing 380$ [$\varnothing 14.94$]	10 x $\varnothing 24$ [10 x $\varnothing .94$]	723.5 [28.48]
Without Brake	$\varnothing 280.7$ [$\varnothing 11.05$]	$\varnothing 335$ [$\varnothing 13.19$]	$\varnothing 385$ [$\varnothing 15.16$]	$\varnothing 338$ [$\varnothing 13.31$]	$\varnothing 380$ [$\varnothing 14.94$]	10 x $\varnothing 24$ [10 x $\varnothing .94$]	687 [27.04]

*Brake Pilot only on motor models with internal brake