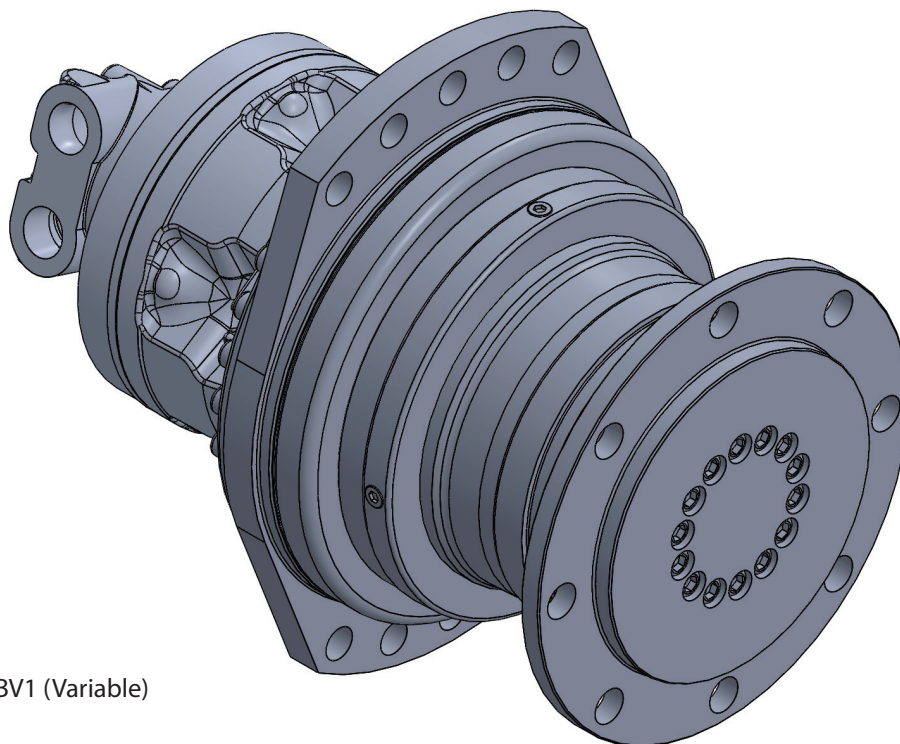


PSWD100/PSWV100 DUAL/VARIABLE DISPLACEMENT MOTOR



Motor: BD1 (Dual)/ BV1 (Variable)

Weight:

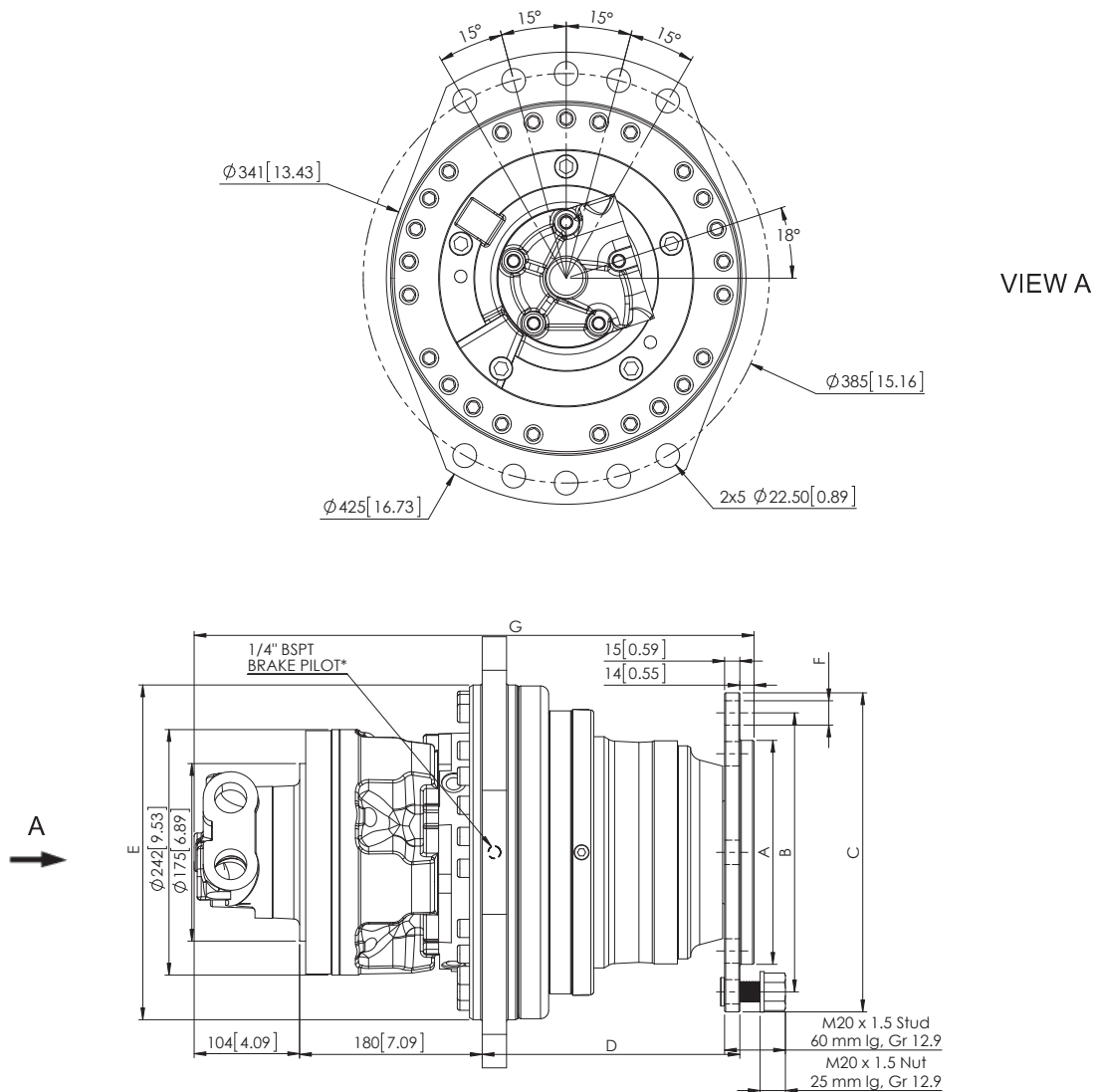
Oil:

Gearbox Case Pressure: 5 psi ⁽⁴⁾

Nominal Displacement		1000		1250		1750³		2500³	
Displacement Setting		max	min	max	min	max	min	max	min
Displacement	in ³ /rev	53.03	26.51	74.93	37.46	106.95	53.47	151.99	75.99
Torque/100 psi (Theor)	ft/lb	70.37	35.18	99.42	49.71	141.93	70.96	201.68	100.84
Motor Cont Pressure Rating ⁽¹⁾	psi	3800	3800	3600	3600	3600	3600	3600	3600
Motor Peak Pressure Rating	psi	5800	5800	5400	5400	5400	5400	5000	5000
Output Cont Torque Rating	ft/lb	2674	1337	3579	1789	5109	2554	7260	3630
Output Peak Torque Rating	ft/lb	4081	2040	5369	2584	7664	3832	10084	5042
Continuous Speed ⁽²⁾	rpm	170	340	140	280	100	200	80	160
Max. speed ⁽²⁾	rpm	200	400	160	320	165	330	90	180
Peak power	HP	73	73	73	73	100	100	100	100
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	4081	4081	5369	5369	7664	7664	10084	10084
Hi-Low Ratio (Dual Disp.)	1:	2, 3, 4							
Motor Pilot Pressure (Dual Disp.)	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) Speed limitation with optional low speed distributors (eg. D31); see distributor section. 3) Uses BD2 motor For Dual displacement, BV2 motor for variable displacement. 4) For both separate and common oil. Consult SAL for high pressure casing.

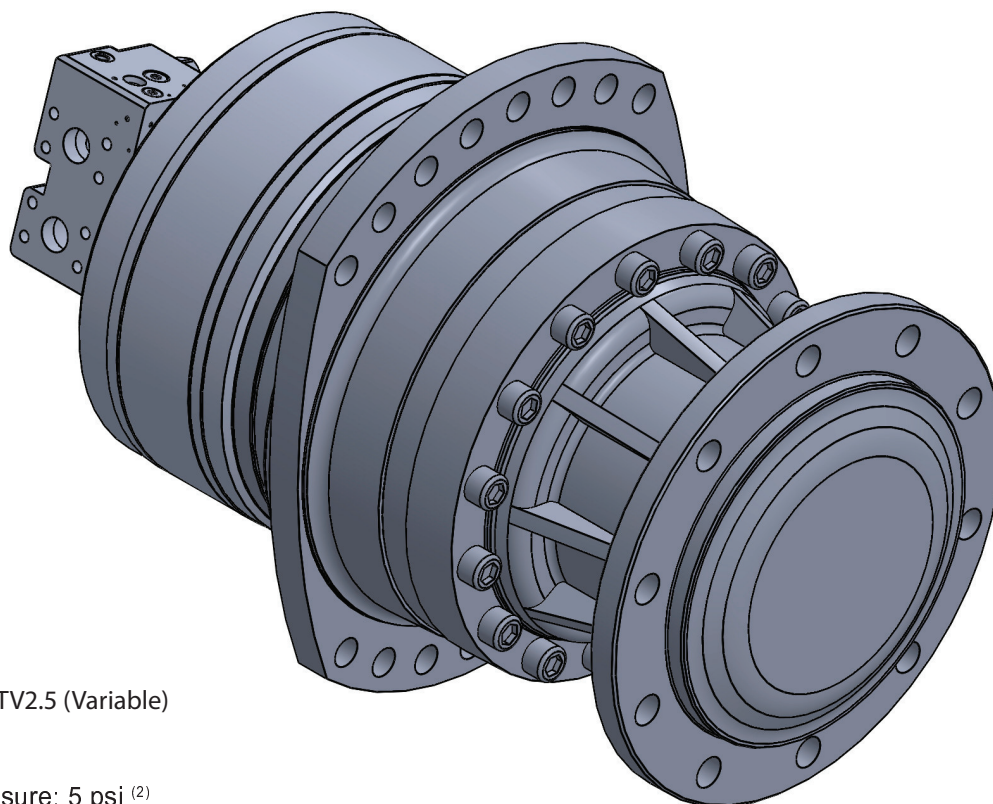
PSWD100/PSWV100 DIMENSIONS



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	Ø 220.7 [Ø 8.69]	Ø 275 [Ø 10.83]	Ø 314 [Ø 12.36]	Ø 254 [Ø 10.00]	Ø 330 [Ø 12.99]	8 x Ø 24 [8 x Ø .94]	552 [21.73]
Without Brake	Ø 220.7 [Ø 8.69]	Ø 275 [Ø 10.83]	Ø 314 [Ø 12.36]	Ø 254 [Ø 10.00]	Ø 330 [Ø 12.99]	8 x Ø 24 [8 x Ø .94]	498 [19.61]

*Brake Pilot only on motor models with internal brake

PSWD200/PSWV200 DUAL/VARIABLE DISPLACEMENT MOTOR



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

Weight:

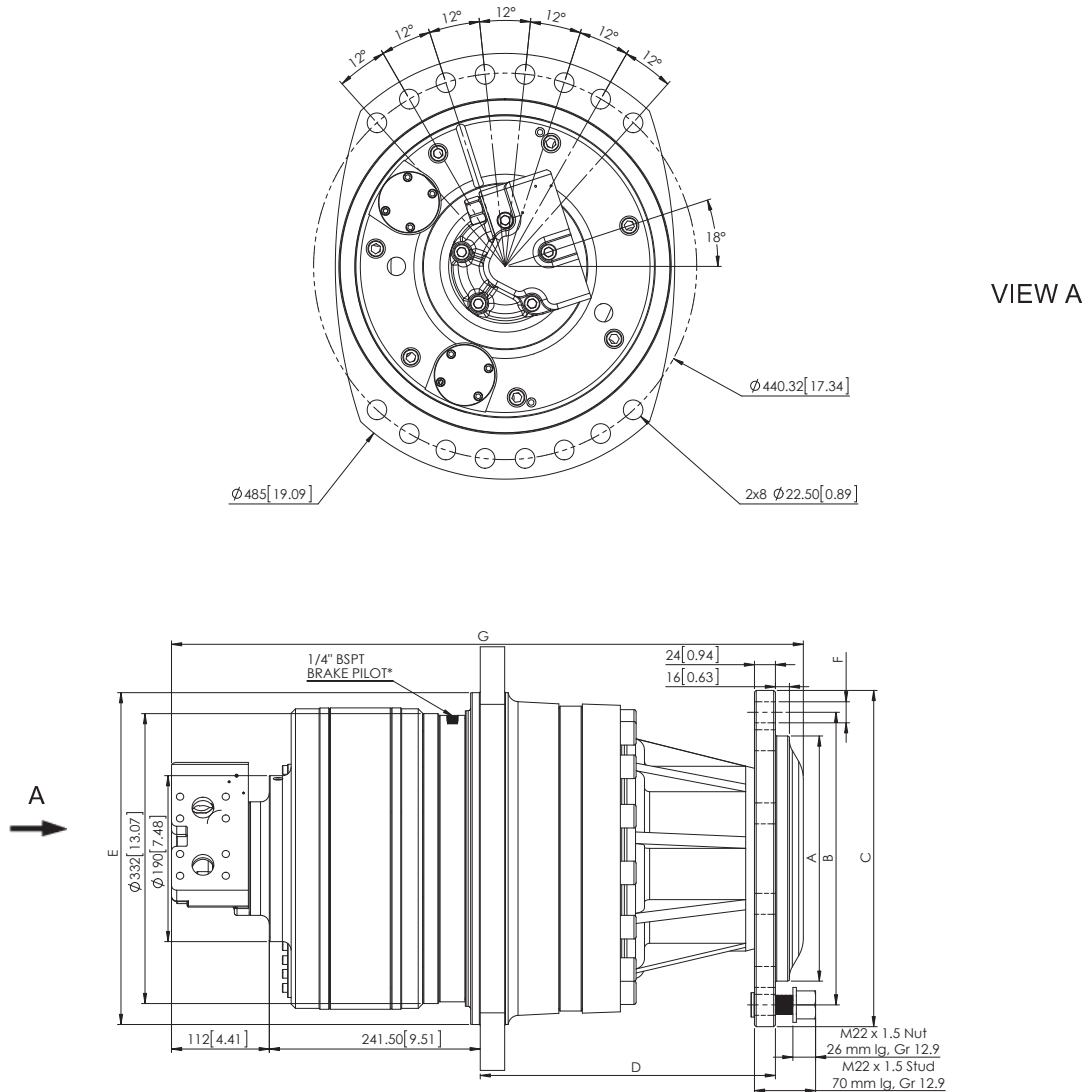
Oil:

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.

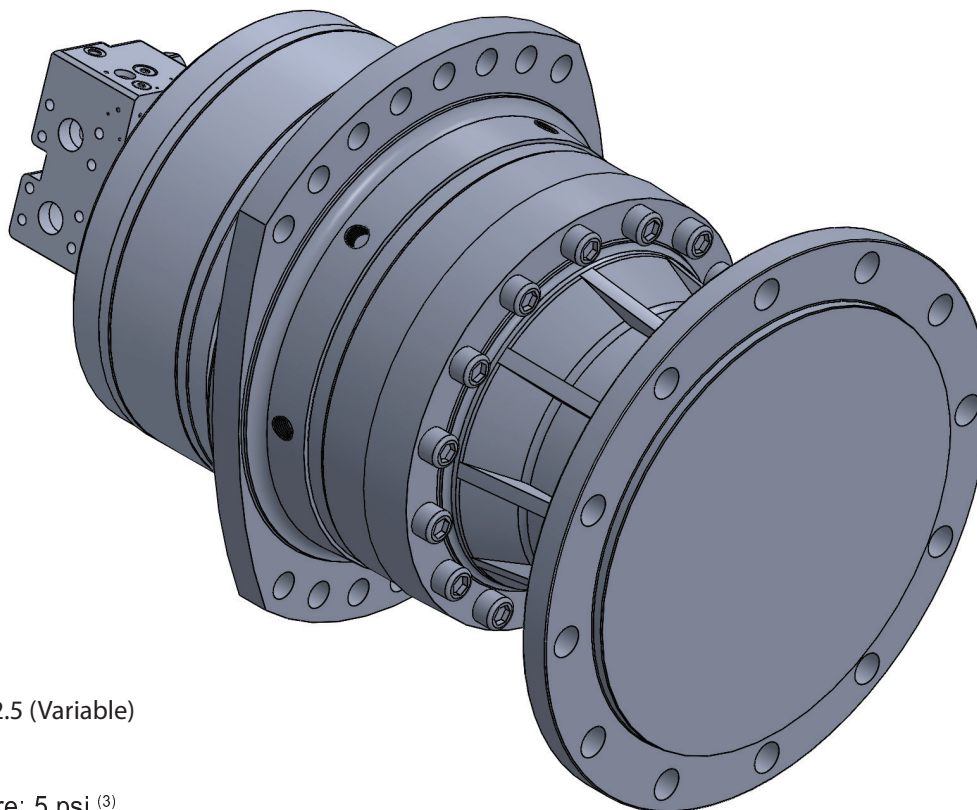
PSWD200/PSWV200 DIMENSIONS



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	$\phi 280.7$ [$\phi 11.05$]	$\phi 335$ [$\phi 13.19$]	$\phi 385$ [$\phi 15.16$]	$\phi 338$ [$\phi 13.31$]	$\phi 380$ [$\phi 14.94$]	10 x $\phi 24$ [10 x $\phi .94$]	723.5 [28.48]
Without Brake	$\phi 280.7$ [$\phi 11.05$]	$\phi 335$ [$\phi 13.19$]	$\phi 385$ [$\phi 15.16$]	$\phi 338$ [$\phi 13.31$]	$\phi 380$ [$\phi 14.94$]	10 x $\phi 24$ [10 x $\phi .94$]	687 [27.04]

*Brake Pilot only on motor models with internal brake

PSWD260/PSWV260 DUAL/VARIABLE DISPLACEMENT MOTOR



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

Weight:

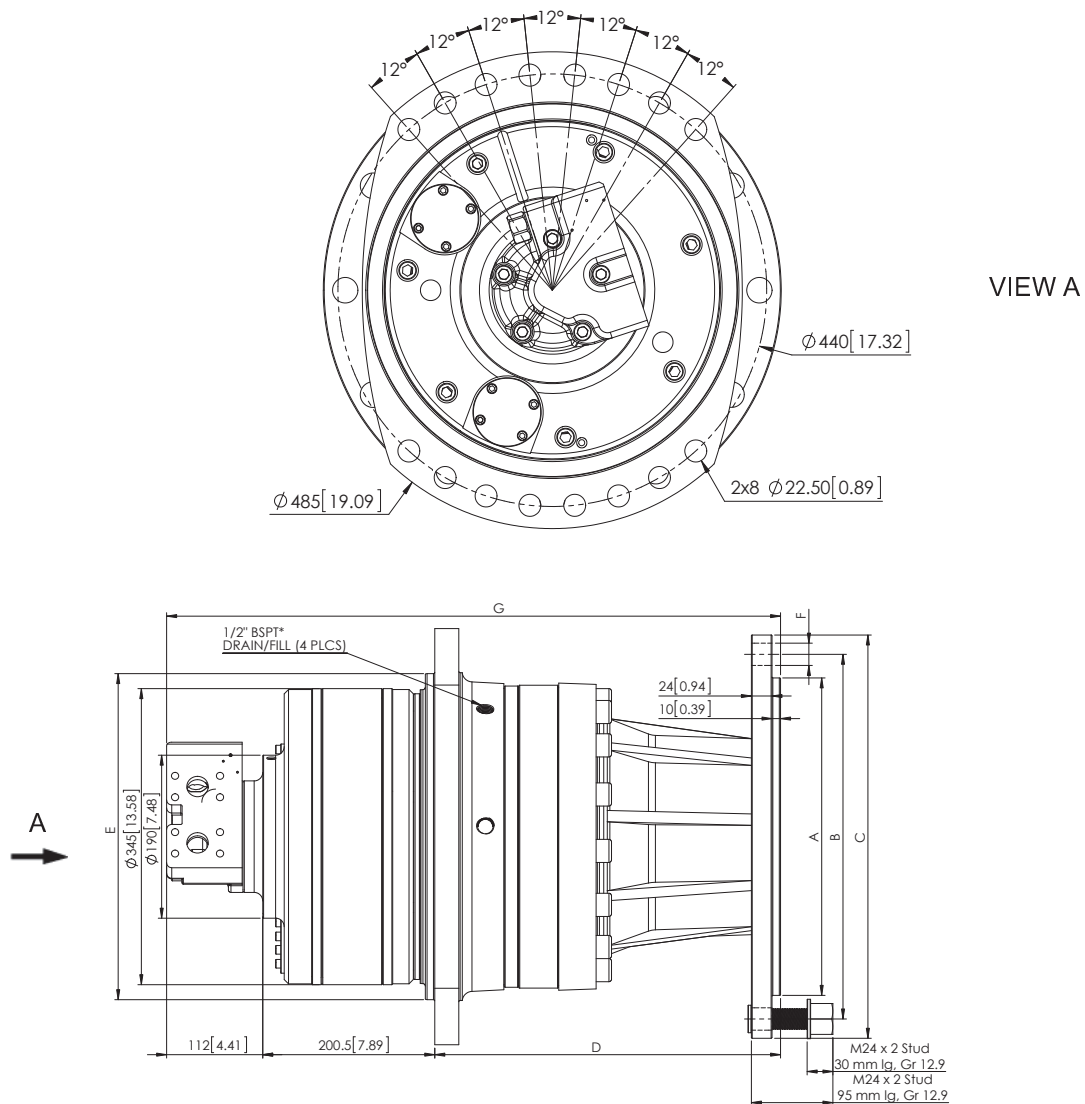
Oil:

Gearbox Case Pressure: 5 psi ⁽³⁾

Nominal Displacement		3500		4000		4500		4900	
Displacement Setting		max	min	max	min	max	min	max	min
Displacement	in ³ /rev	212.76	106.38	244.21	122.10	274.58	137.29	296.41	148.20
Torque/100 psi (Theor)	ft/lb	252.33	141.16	324.06	162.03	364.35	182.17	393.33	196.66
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	14116	7058	16203	8101	21132	10566	22813	11406
Output Peak Torque Rating	ft/lb	16375	8187	18795	9397	21132	10566	22813	11406
Continuous Speed ⁽²⁾	rpm	120	180	110	160	100	140	90	120
Max. speed ⁽²⁾	rpm	150	200	110	180	120	160	100	140
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	16375	16375	18795	18795	21132	21132	22813	22813
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⁾ Speed limitation with optional low speed distributors (eg. D31); see distributor section. ³⁾ For both separate and common oil. Consult SAI for high pressure casing.

PSWD260/PSWV260 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	Ø 370 [Ø 14.57]	Ø 425 [Ø 16.73]	Ø 472 [Ø 18.58]	Ø 393 [Ø 15.47]	Ø 380 [Ø 14.94]	12 x Ø26 [12xØ1.02]	715.5 [28.16]
Without Brake	Ø 370 [Ø 14.57]	Ø 425 [Ø 16.73]	Ø 472 [Ø 18.58]	Ø 393 [Ø 15.47]	Ø 380 [Ø 14.94]	12 x Ø26 [12xØ1.02]	715.5 [28.16]

*Brake Pilot only on motor models with internal brake