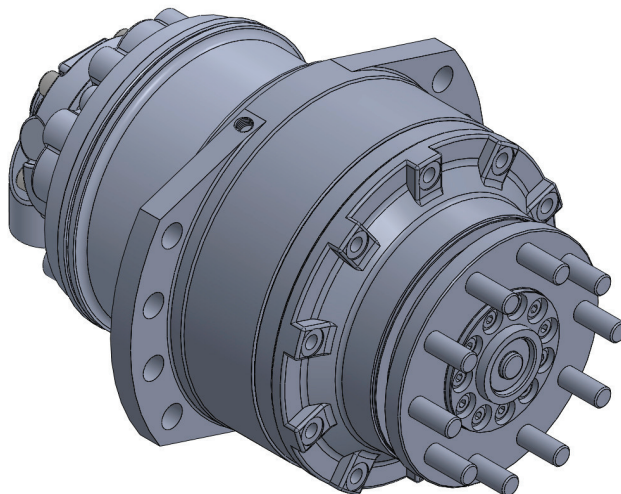


PSW36



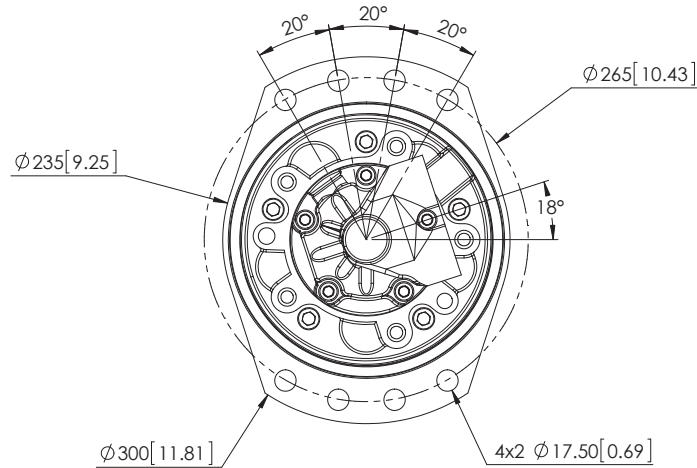
Motor: FS15
Weight: 159 lbs.
Oil: 1.4 quarts
Gearbox Case Pressure: 5 psi ⁽³⁾

Nominal Displacement		400	450	500	580	650	750	850	950	1100
Displacement	in ³ /rev	23.79	27.03	31.14	35.72	39.42	46.69	51.54	59.12	67.25
Torque/100 psi (Theor)	ft/lb	31.56	35.86	41.32	47.39	52.30	61.97	68.39	78.45	89.23
Motor Cont Pressure Rating ⁽¹⁾	psi	4500	4500	4500	4500	4500	4500	4500	4000	4000
Motor Peak Pressure Rating	psi	6000	6000	6000	6000	6000	6000	6000	5500	5200
Output Cont Torque Rating	ft/lb	3500	3500	3500	3500	3500	3500	3500	3500	3500
Output Peak Torque Rating	ft/lb	3500	3500	3500	3500	3500	3500	3500	3500	3500
Continuous Speed ⁽²⁾	rpm	270	240	250	200	170	140	130	110	100
Max. speed ⁽²⁾	rpm	300	280	250	220	200	180	160	140	130
Peak power	HP	60	60	60	60	60	60	60	60	60
Brake Release Pressure	psi	240	240	240	240	240	240	240	240	240
Max Brake Release Pressure	psi	600	600	600	600	600	600	600	600	600
Max Brake Holding Torque	ft-lb	3500	3500	3500	3500	3500	3500	3500	3500	3500

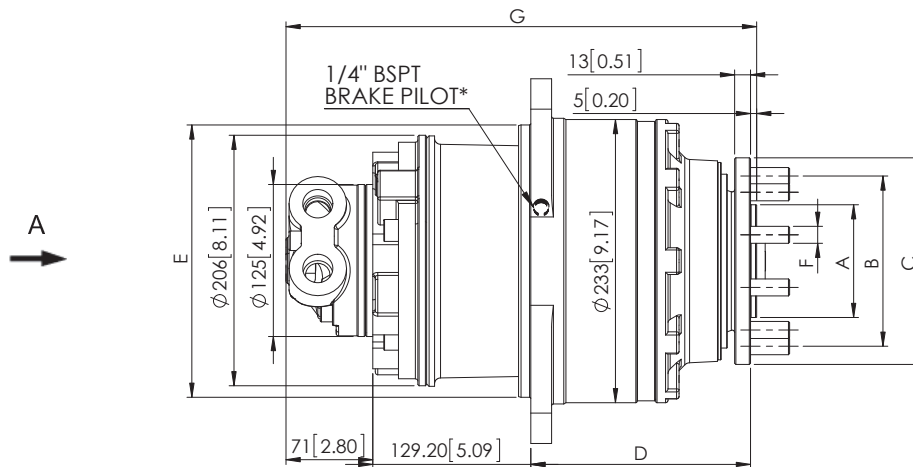
1) Continuous or average working pressure should be chosen on the motor bearing lifetime choice. 2) Speed limitation with optional low speed distributors (eg. D31); see distributor pages section. 3) For both separate and common oil. Consult SAI for high pressure casing.

PSW36 will be available Fall 2013

PSW36 DIMENSIONS



VIEW A

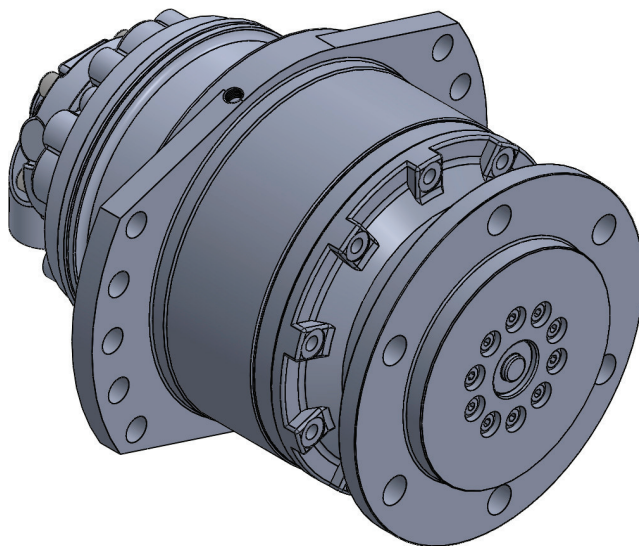


Unit Type	A mm [in]	B mm [in]	C mm [in]	D mm [in]	E mm [in]	F mm [in]	G mm [in]
With Brake	Ø 92.7 [Ø 3.65]	Ø 140 [Ø 5.51]	Ø 170 [Ø 6.69]	Ø 180 [Ø 7.09]	Ø 224 [Ø 8.82]	10 x M14 x 1.5	380 [14.96]
With Brake	Ø 160.7 [Ø 6.33]	Ø 205 [Ø 8.07]	Ø 245 [Ø 9.65]	Ø 180 [Ø 7.09]	Ø 224 [Ø 8.82]	6 x M18 x 1.5	380 [14.96]
Without Brake	Ø 92.7 [Ø 3.65]	Ø 140 [Ø 5.51]	Ø 170 [Ø 6.69]	Ø 180 [Ø 7.09]	Ø 224 [Ø 8.82]	10 x M14 x 1.5	380 [14.96]
Without Brake	Ø 160.7 [Ø 6.33]	Ø 205 [Ø 8.07]	Ø 245 [Ø 9.65]	Ø 180 [Ø 7.09]	Ø 224 [Ø 8.82]	6 x M18 x 1.5	380 [14.96]

Optional Mechanical Disconnect Available, Contact SAI Technical Department for more information.

*Brake Pilot only on motor models with internal brake.

PSW50



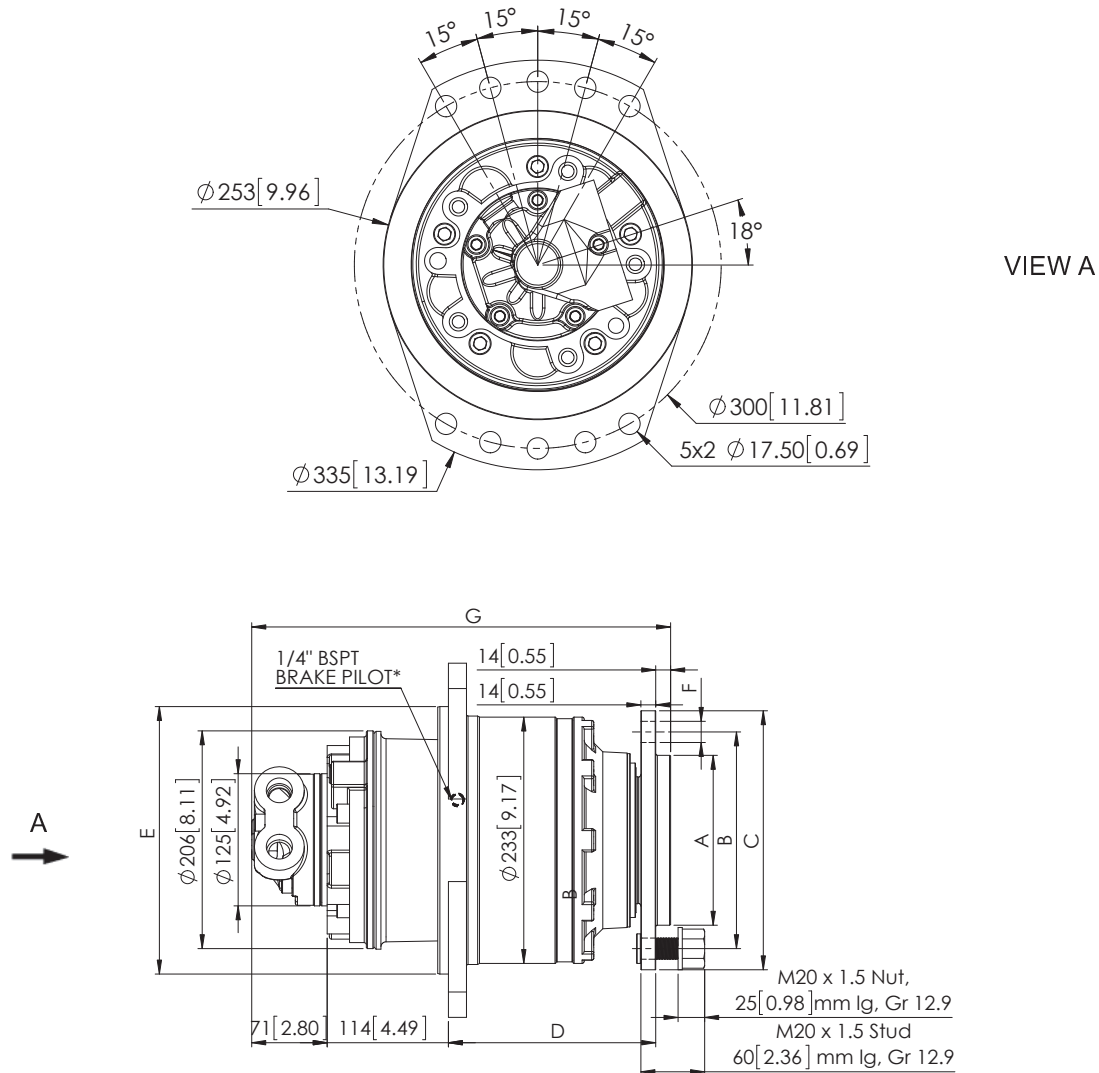
Motor: FS15
Weight: 213 lbs
Oil: 1.64 quarts
Gearbox Case Pressure: 5 psi ⁽³⁾

Nominal Displacement		400	450	580	760	840	970	1100	1200
Displacement	in ³ /rev	23.79	27.03	35.72	46.69	51.84	59.12	67.25	72.96
Torque/100 psi (Theor)	ft/lb	31.56	35.86	47.39	61.95	68.39	78.45	89.23	96.81
Motor Cont Pressure Rating ⁽¹⁾	psi	4000	4000	4000	4000	4000	4000	4000	4000
Motor Peak Pressure Rating	psi	6000	6000	6000	6000	6000	6000	6000	5500
Output Cont Torque Rating	ft/lb	4000	4000	4000	4000	4000	4000	4000	4000
Output Peak Torque Rating	ft/lb	5000	5000	5000	5000	5000	5000	5000	5000
Continuous Speed ⁽²⁾	rpm	150	150	150	130	130	120	110	100
Max. speed ⁽²⁾	rpm	200	200	190	190	180	180	170	160
Peak power	HP	80	80	80	80	80	80	80	80
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	5000	5000	5000	5000	5000	5000	5000	5000

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 pages section. 3) For both separate and common oil. Consult SAI for high pressure casing.

PSW50 will be available Fall 2013

PSW50 DIMENSIONS

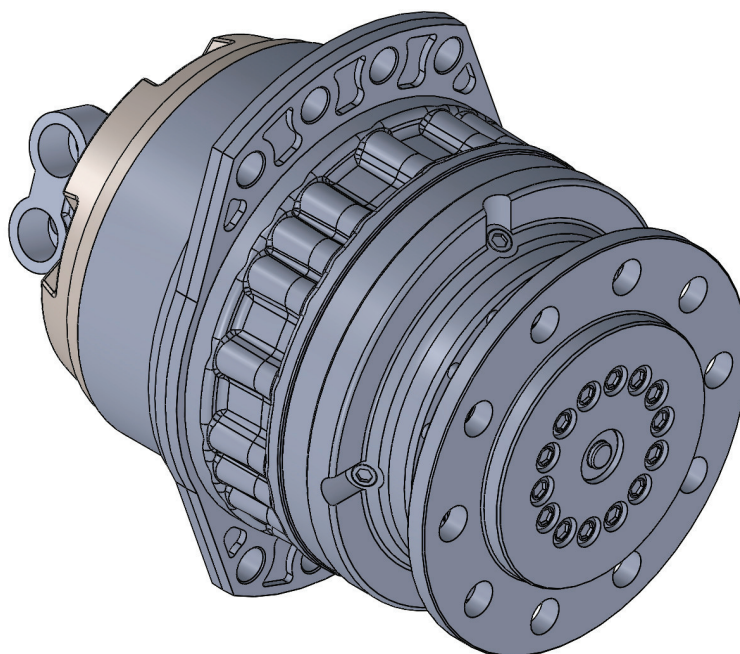


Unit Type	A mm [in]	B mm [in]	C mm [in]	D mm [in]	E mm [in]	F mm [in]	G mm [in]
With Brake	Ø 160.7 [Ø 6.33]	Ø 205 [Ø 8.07]	Ø 245 [Ø 9.65]	Ø 195 [Ø 7.68]	Ø 253 [Ø 9.96]	6 x Ø 20 [6 x Ø .79]	380 [14.96]
With Brake	Ø 175.7 [Ø 6.92]	Ø 225 [Ø 8.86]	Ø 270 [Ø 10.63]	Ø 195 [Ø 7.68]	Ø 253 [Ø 9.96]	10 x Ø 18 [10 x Ø .71]	380 [14.96]
Without Brake	Ø 160.7 [Ø 6.33]	Ø 205 [Ø 8.07]	Ø 245 [Ø 9.65]	Ø 195 [Ø 7.68]	Ø 253 [Ø 9.96]	6 x Ø 20 [6 x Ø .79]	380 [14.96]
Without Brake	Ø 175.7 [Ø 6.92]	Ø 225 [Ø 8.86]	Ø 270 [Ø 10.63]	Ø 195 [Ø 7.68]	Ø 253 [Ø 9.96]	10 x Ø 18 [10 x Ø .71]	380 [14.96]

Optional Mechanical Disconnect Available, Contact SAI Technical Department for more information.

*Brake Pilot only on motor models with internal brake.

PSW85



Motor: FS30

Weight:

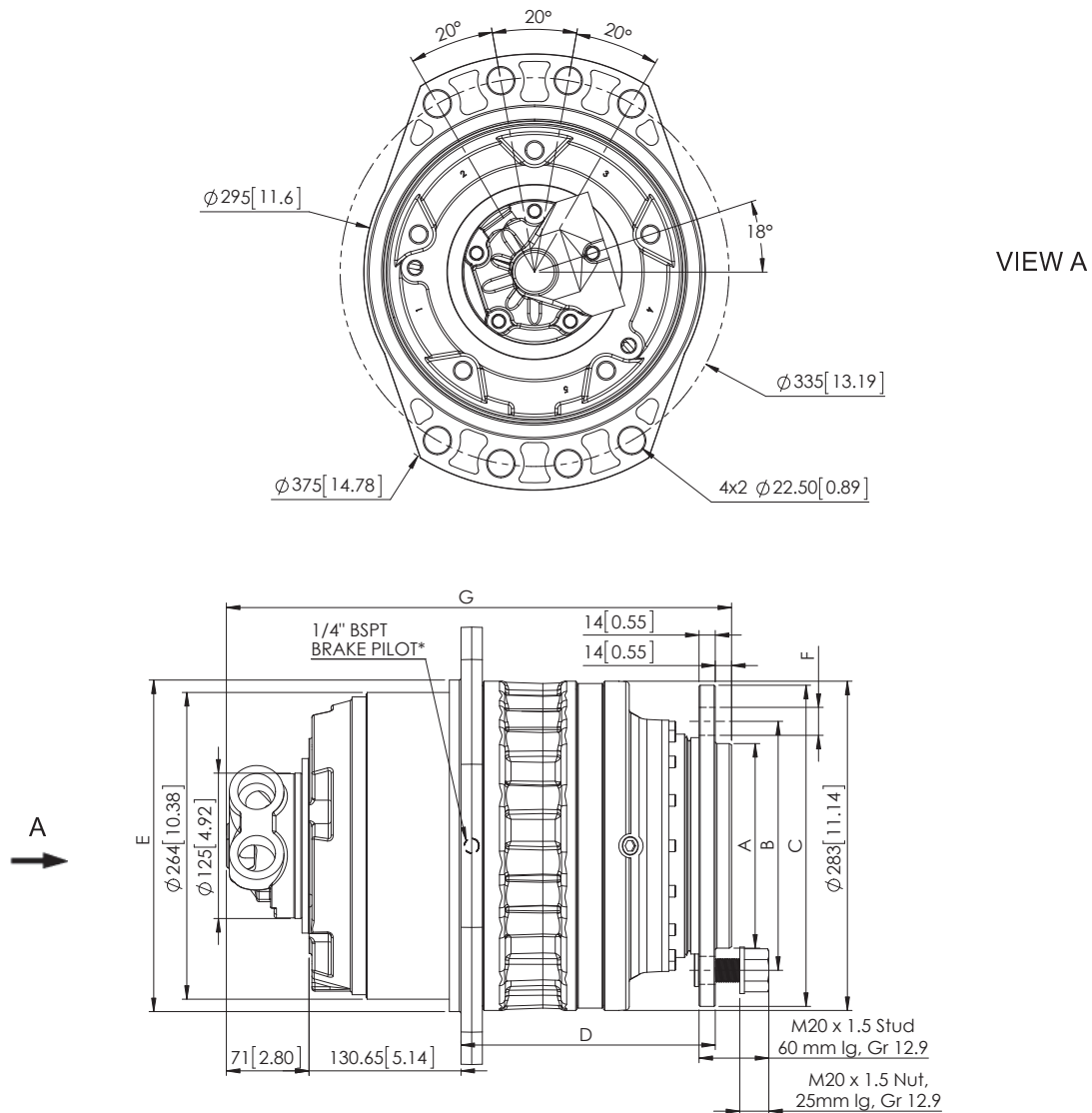
Oil:

Gearbox Case Pressure: 5 psi ⁽³⁾

Nominal Displacement		800	880	1000	1250	1450	1600	1700	2000
Displacement	in ³ /rev	47.64	53.00	61.94	74.98	89.23	96.81	104.74	121.47
Torque/100 psi (Theor)	ft/lb	62.96	70.33	82.20	99.50	118.41	128.47	138.99	161.19
Motor Cont Pressure Rating ⁽¹⁾	psi	3550	3550	3550	3550	3550	3550	3550	3550
Motor Peak Pressure Rating	psi	6400	5690	6040	5690	5690	5690	55690	5330
Output Cont Torque Rating	ft/lb	2235	2496	2918	3532	4203	4560	4934	5722
Output Peak Torque Rating	ft/lb	4029	4002	4965	5661	6737	7309	7908	8591
Continuous Speed ⁽²⁾	rpm	240	200	150	140	120	110	100	90
Max. speed ⁽²⁾	rpm	260	220	200	160	140	140	134	115
Peak power	HP	80	80	80	80	80	80	80	80
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	4029	4002	4965	5661	6737	7309	7908	8591

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 pages section. 3) For both separate and common oil. Consult SAI for high pressure casing.

PSW85 DIMENSIONS

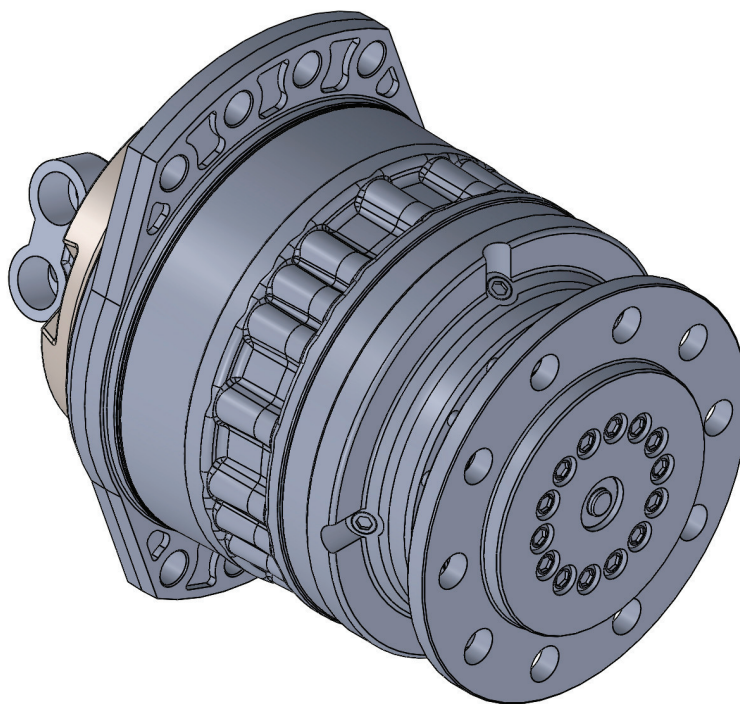


Unit Type	A mm [in]	B mm [in]	C mm [in]	D mm [in]	E mm [in]	F mm [in]	G mm [in]
With Brake	Ø 175.8 [Ø 6.92]	Ø 225 [Ø 8.86]	Ø 276 [Ø 10.87]	Ø 218.6 [Ø 8.61]	Ø 285 [Ø 9.96]	10 x Ø 24 [10 x Ø .94]	464.25 [18.27]
Without Brake	Ø 175.8 [Ø 6.92]	Ø 225 [Ø 8.86]	Ø 276 [Ø 10.87]	Ø 218.6 [Ø 8.61]	Ø 285 [Ø 9.96]	10 x Ø 24 [10 x Ø .94]	464.25 [18.27]

Optional Mechanical Disconnect Available, Contact SAI Technical Department for more information.

*Brake Pilot only on motor models with internal brake.

PSW85A



Motor: F530

Weight:

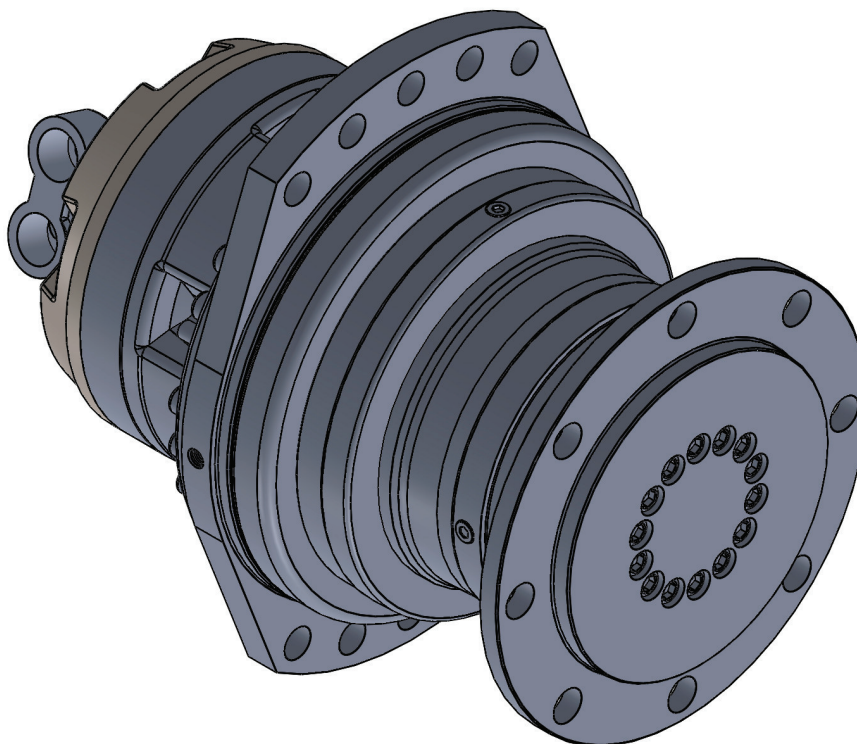
Oil:

Gearbox Case Pressure: 5 psi ⁽³⁾

Nominal Displacement		800	880	1000	1250	1450	1600	1700	2000
Displacement	in ³ /rev	47.64	53.00	61.94	74.98	89.23	96.81	104.74	121.47
Torque/100 psi (Theor)	ft/lb	62.96	70.33	82.20	99.50	118.41	128.47	138.99	161.19
Motor Cont Pressure Rating ⁽¹⁾	psi	3550	3550	3550	3550	3550	3550	3550	3550
Motor Peak Pressure Rating	psi	6400	5690	6040	5690	5690	5690	5690	5330
Output Cont Torque Rating	ft/lb	2235	2496	2918	3532	4203	4560	4934	5722
Output Peak Torque Rating	ft/lb	4029	4002	4965	5661	6737	7309	7908	8591
Continuous Speed ⁽²⁾	rpm	240	200	150	140	120	110	100	90
Max. speed ⁽²⁾	rpm	260	220	200	160	140	140	134	115
Peak power	HP	80	80	80	80	80	80	80	80
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	4029	4002	4965	5661	6737	7309	7908	8591

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 pages section. 3) For both separate and common oil. Consult SAI for high pressure casing.

PSW100



Motor: FS30

Weight:

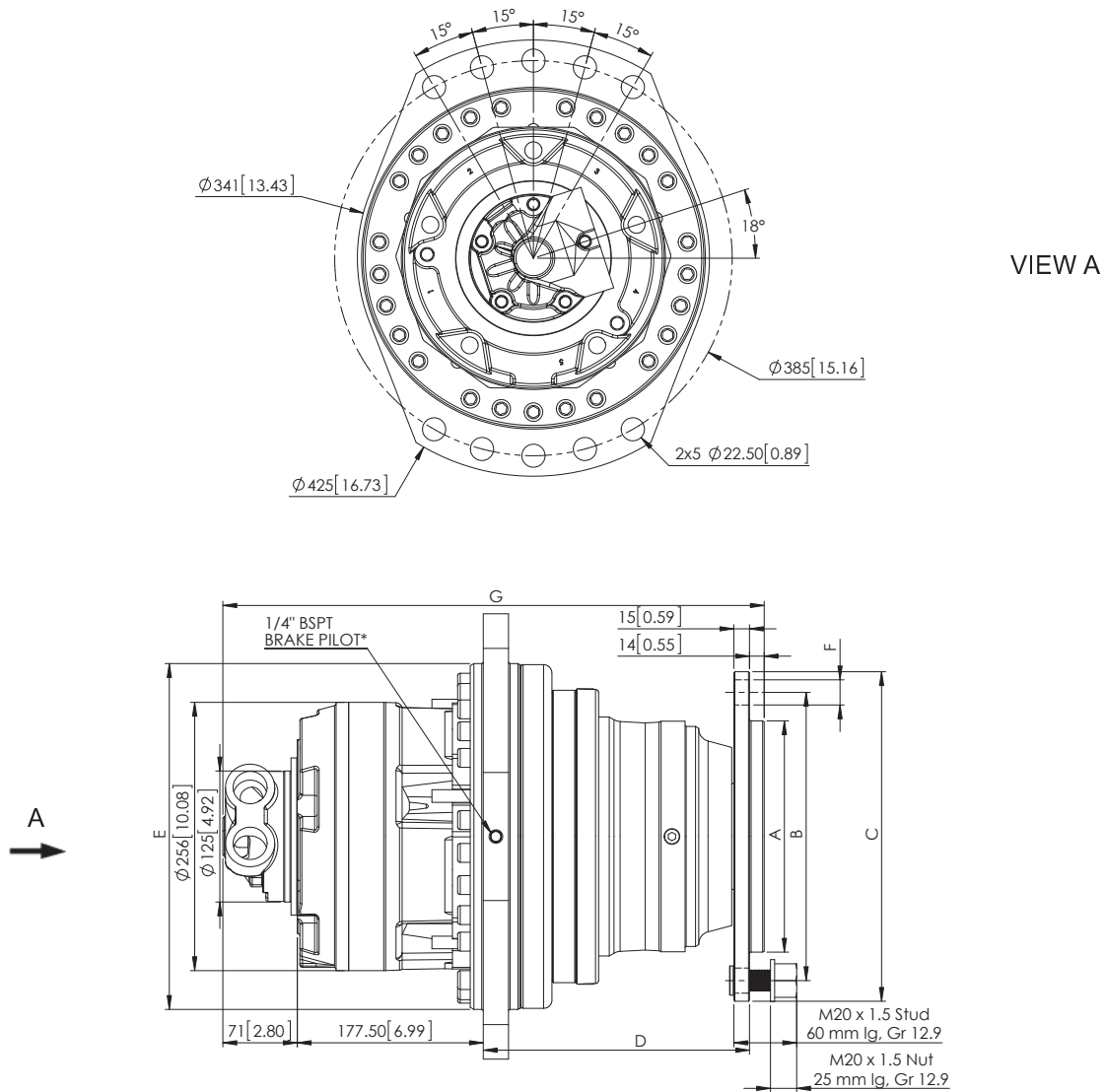
Oil:

Gearbox Case Pressure: 5 psi ⁽⁴⁾

Nominal Displacement		1000	1250	1450	1600	1700	2000	2150	2500 ³	3000 ³
Displacement	in ³ /rev	61.94	74.98	89.23	96.81	104.74	121.47	131.07	151.99	174.17
Torque/100 psi (Theor)	ft/lb	82.20	99.50	118.41	128.47	138.99	161.19	180.41	201.69	231.12
Motor Cont Pressure Rating ⁽¹⁾	psi	3550	3550	3550	3550	3550	3550	3550	3550	3550
Motor Peak Pressure Rating	psi	6040	5690	5690	5690	5690	5330	4980	5330	4980
Output Cont Torque Rating	ft/lb	2918	3532	4203	4560	4934	5722	6569	7160	8204
Output Peak Torque Rating	ft/lb	4965	5661	6737	7309	7908	8591	9216	10750	11510
Continuous Speed ⁽²⁾	rpm	170	140	120	110	100	90	85	80	75
Max. speed ⁽²⁾	rpm	200	160	140	140	164	115	100	90	85
Peak power	HP	80	80	80	80	80	80	80	95	95
Brake Release Pressure	psi	240	240	240	240	240	240	240	240	240
Max Brake Release Pressure	psi	600	600	600	600	600	600	600	600	600
Max Brake Holding Torque	ft-lb	4965	5661	6737	7309	7908	8591	9216	10750	11510

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 pages section. 3) Uses GM2 motor. 4) For both separate and common oil. Consult SAI for high pressure casing.

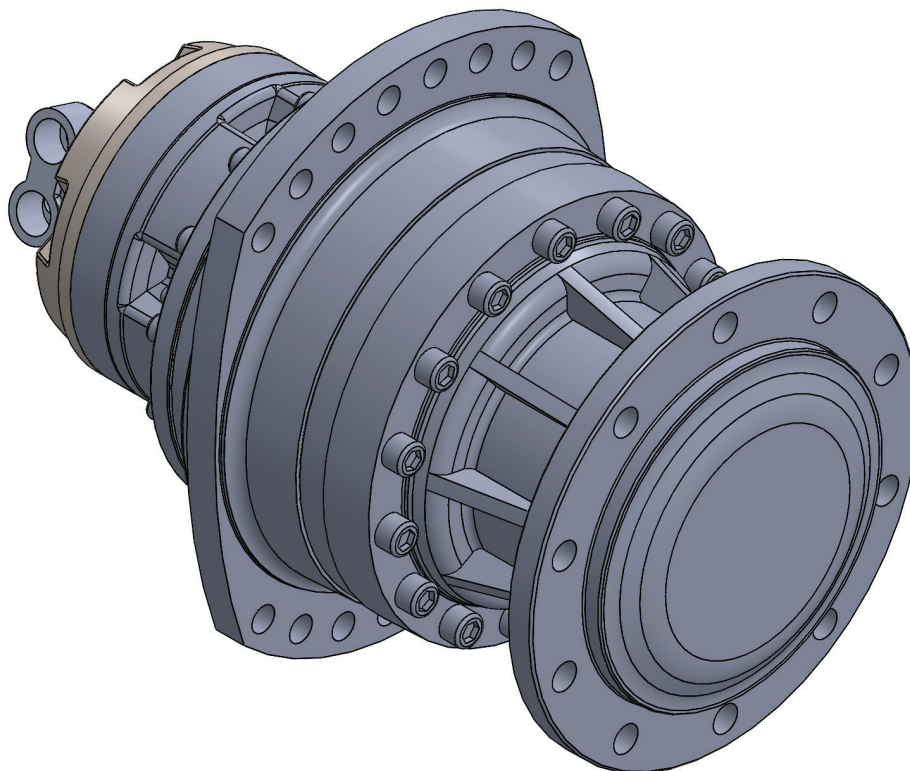
PSW100 DIMENSIONS



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]	516.5 [20.33]
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]	516.5 [20.33]

*Brake Pilot only on motor models with internal brake.

PSW200



Motor: FS507

Weight:

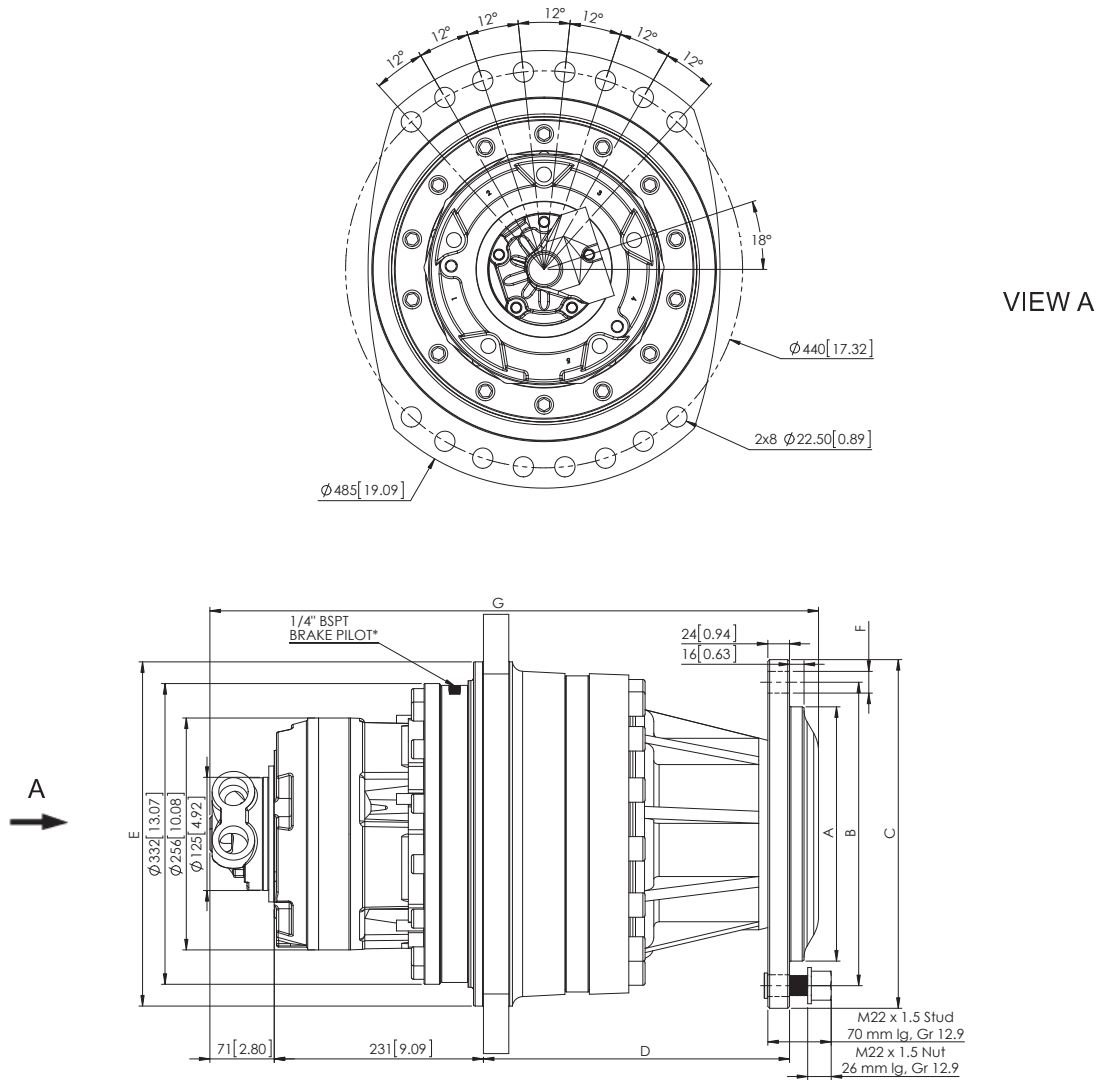
Oil:

Gearbox Case Pressure: 5 psi ⁽³⁾

Nominal Displacement		2100	2400	2800	3200	4000
Displacement	in ³ /rev	119.80	147.39	170.94	196.20	244.00
Torque/100 psi (Theor)	ft/lb	158.97	195.58	226.83	260.36	323.79
Motor Cont Pressure Rating ⁽¹⁾	psi	4000	4000	4000	4000	4000
Motor Peak Pressure Rating	psi	6000	5000	5000	4500	4500
Output Cont Torque Rating	ft/lb	6359	7823	9073	10414	12951
Output Peak Torque Rating	ft/lb	9538	9779	11341	11716	14570
Continuous Speed ⁽²⁾	rpm	100	90	85	80	80
Max. speed ⁽²⁾	rpm	140	120	100	90	70
Peak power	HP	100	100	100	100	100
Brake Release Pressure	psi	240	240	240	240	240
Max Brake Release Pressure	psi	600	600	600	600	600
Max Brake Holding Torque	ft-lb	9538	9779	11341	11716	14570

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 pages section. 3) For both separate and common oil. Consult SAI for high pressure casing.

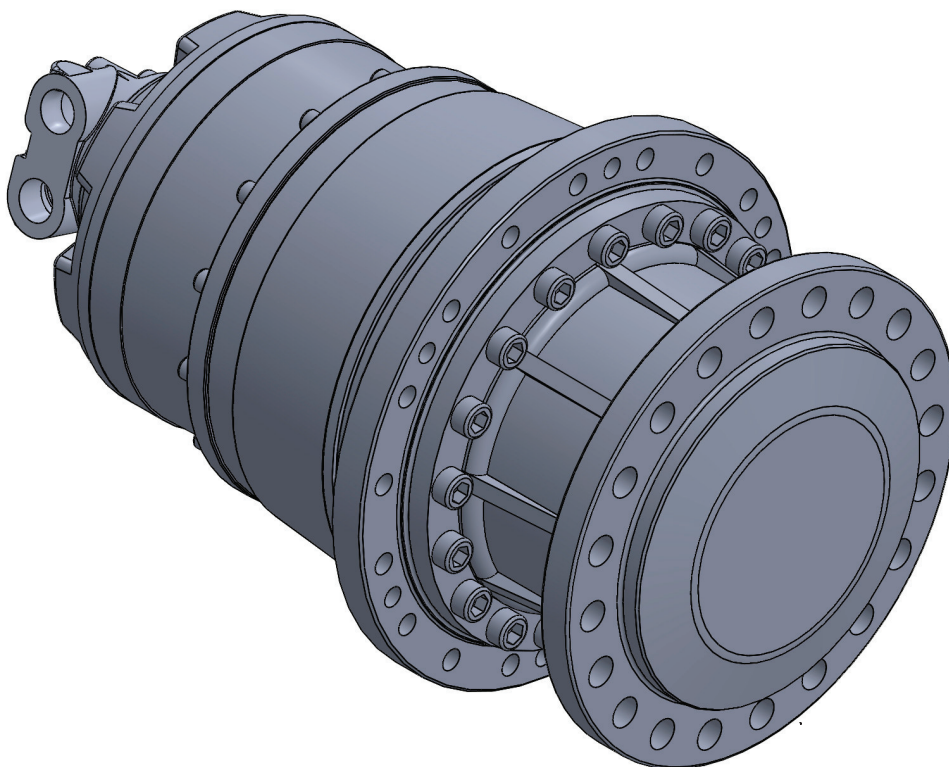
PSW200 DIMENSIONS



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 280.7 [Ø 11.05]	Ø 335 [Ø 13.19]	Ø 385 [Ø 15.16]	Ø 338 [Ø 13.31]	Ø 380 [Ø 14.94]	10 x Ø 24 [10 x Ø .94]	677 [26.65]
Without Brake	Ø 280.7 [Ø 11.05]	Ø 335 [Ø 13.19]	Ø 385 [Ø 15.16]	Ø 338 [Ø 13.31]	Ø 380 [Ø 14.94]	10 x Ø 24 [10 x Ø .94]	638 [25.11]

*Brake Pilot only on motor models with internal brake

PSW200A



Motor: FS507

Weight:

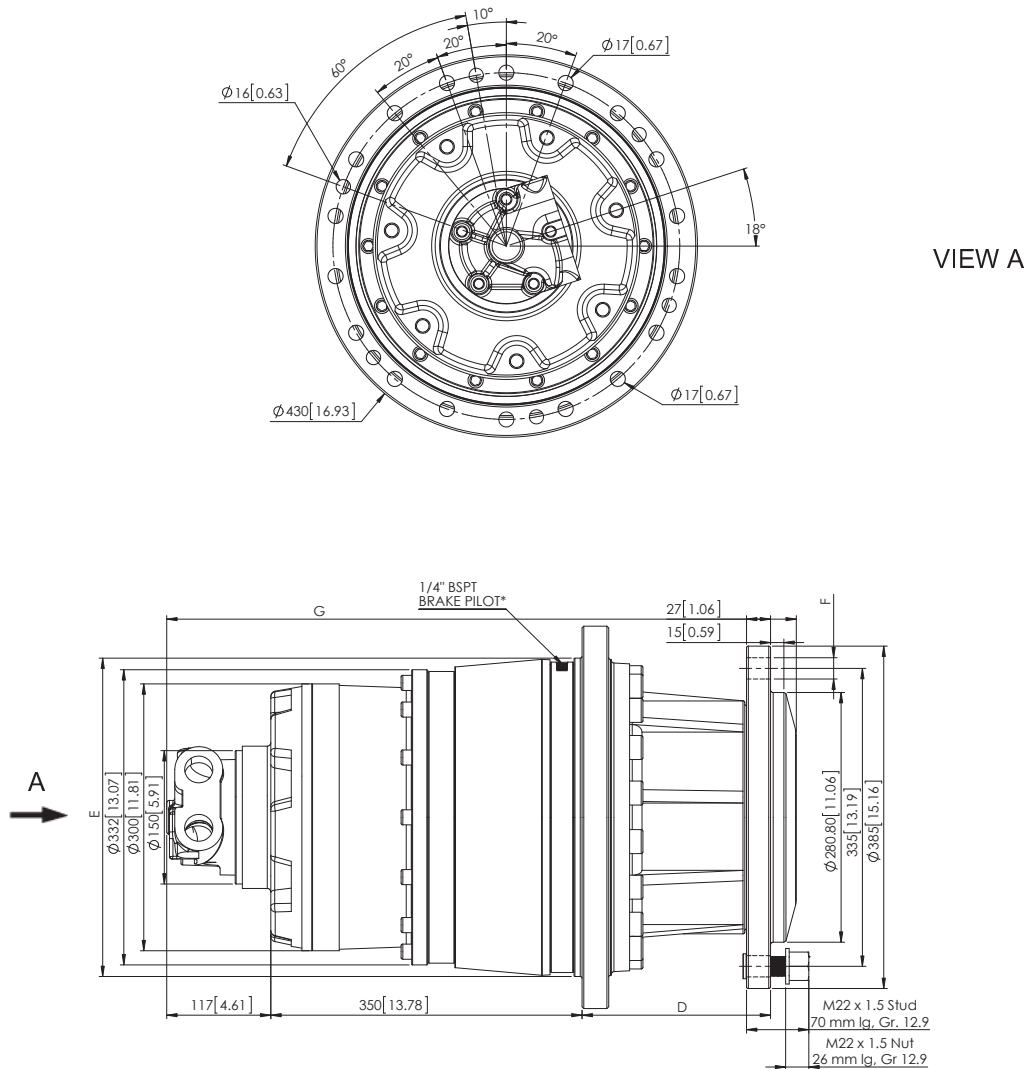
Oil:

Gearbox Case Pressure: 5 psi ⁽³⁾

Nominal Displacement		5800	7000	8000	9500	11500
Displacement	in ³ /rev	343.08	419.91	489.52	561.87	698.75
Torque/100 psi (Theor)	ft/lb	455.26	557.21	649.57	745.58	927.22
Motor Cont Pressure Rating ⁽¹⁾	psi	4000	4000	4000	4000	4000
Motor Peak Pressure Rating	psi	6000	5000	5000	4500	4500
Output Cont Torque Rating	ft/lb	18210	22288	25983	29823	37089
Output Peak Torque Rating	ft/lb	27315	27860	32478	33551	41725
Continuous Speed ⁽²⁾	rpm	45	45	45	45	45
Max. speed ⁽²⁾	rpm	95	95	95	95	95
Peak power	HP	100	100	100	100	100
Brake Release Pressure	psi	240	240	240	240	240
Max Brake Release Pressure	psi	600	600	600	600	600
Max Brake Holding Torque	ft-lb	27315	27860	32478	33551	41725

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 pages section. 3) For both separate and common oil. Consult SAI for high pressure casing.

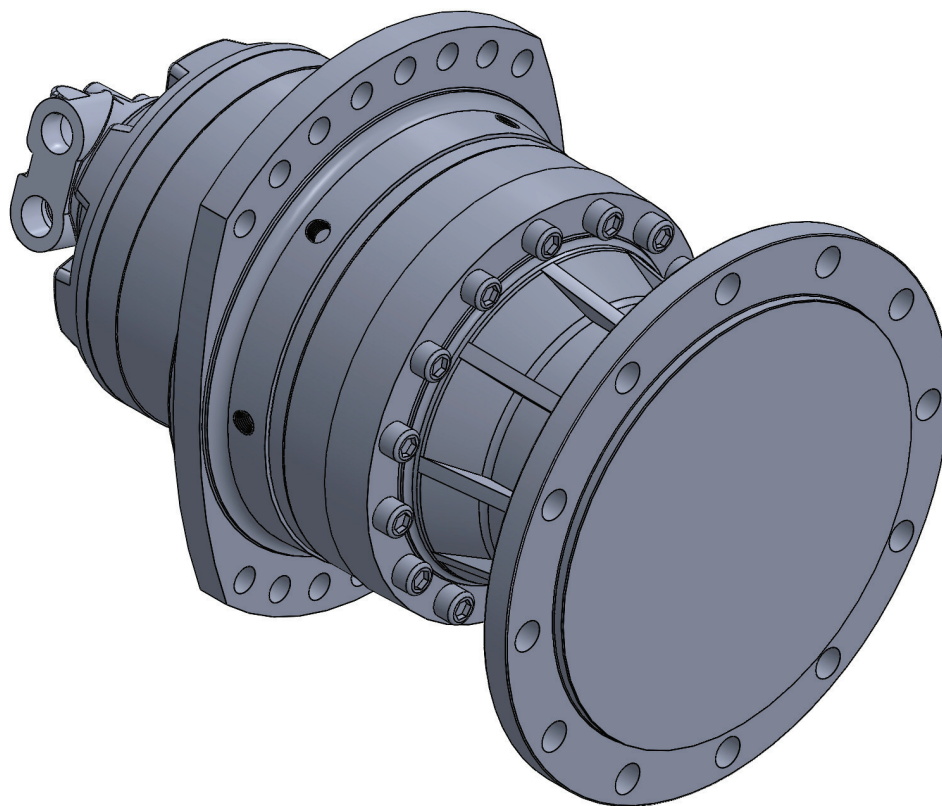
PSW200A DIMENSIONS



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 280.7 [Ø 11.05]	Ø 335 [Ø 13.19]	Ø 385 [Ø 15.16]	Ø 212 [Ø 8.35]	Ø 380 [Ø 14.94]	10 x Ø24 [10 x Ø .94]	
Without Brake	Ø 280.7 [Ø 11.05]	Ø 335 [Ø 13.19]	Ø 385 [Ø 15.16]	Ø 212 [Ø 8.35]	Ø 380 [Ø 14.94]	10 x Ø 24 [10 x Ø .94]	708 [27.87]

*Brake Pilot only on motor models with internal brake

PSW260



Motor: FS507

Weight:

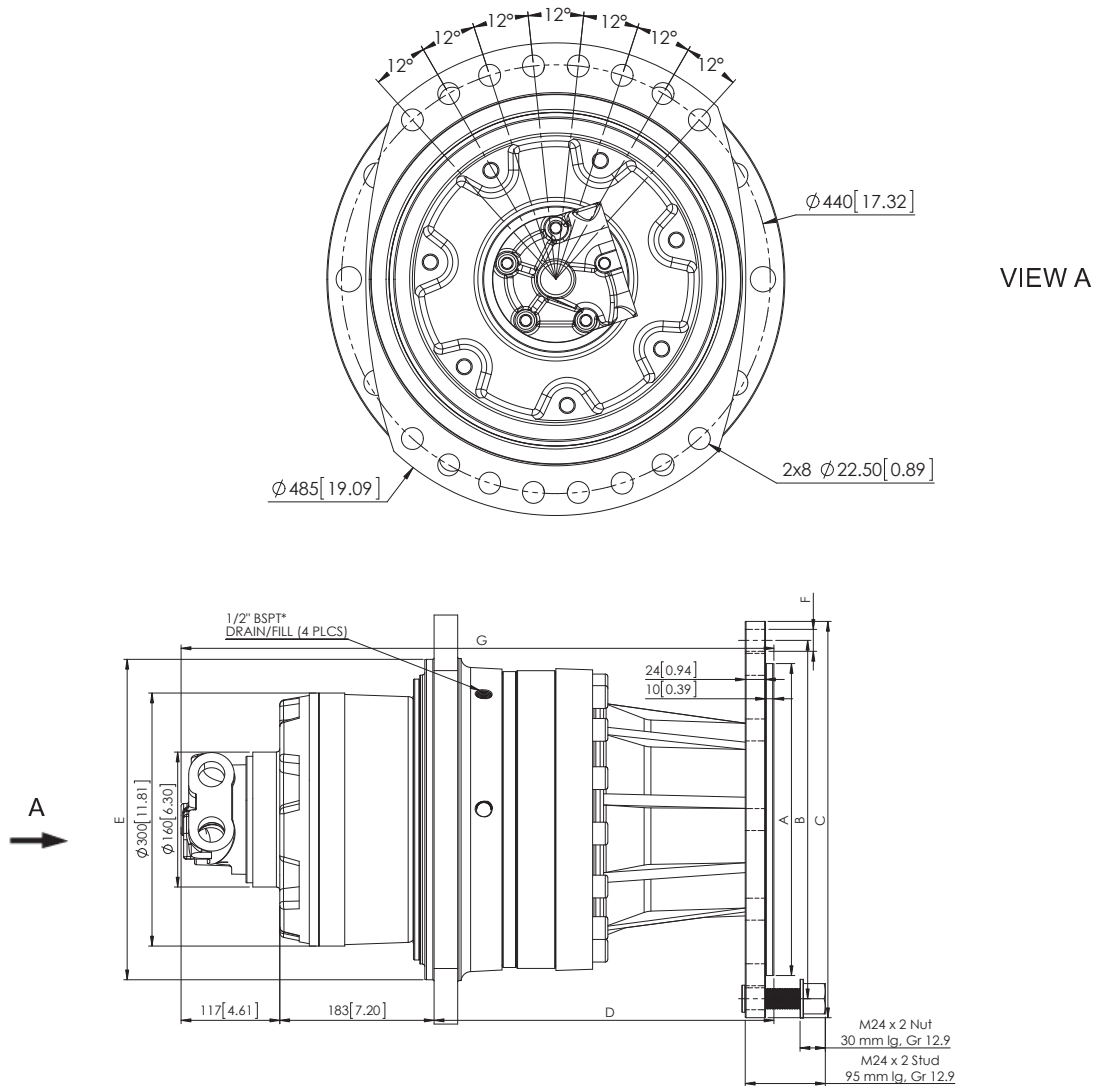
Oil:

Gearbox Case Pressure: 5 psi ⁽³⁾

Nominal Displacement		3500	4100	4600	5000	5550	5900
Displacement	in ³ /rev	213.57	249.75	281.33	302.13	340.34	359.57
Torque/100 psi (Theor)	ft/lb	283.40	331.41	373.32	400.92	451.62	477.14
Motor Cont Pressure Rating ⁽¹⁾	psi	4000	4000	4000	3600	3600	4000
Motor Peak Pressure Rating	psi	6000	5500	5500	6000	6000	6000
Output Cont Torque Rating	ft/lb	11336	13256	14933	14433	16258	19085
Output Peak Torque Rating	ft/lb	17004	18227	20532	23000	23000	23000
Continuous Speed ⁽²⁾	rpm	80	70	65	60	50	45
Max. speed ⁽²⁾	rpm	130	120	115	105	110	95
Peak power	HP	120	120	120	120	120	120
Brake Release Pressure	psi	240	240	240	240	240	240
Max Brake Release Pressure	psi	600	600	600	600	600	600
Max Brake Holding Torque	ft-lb	5000	5000	5000	5000	5000	5000

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 pages section. 3) For both separate and common oil. Consult SAI for high pressure casing.

PSW260 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	$\phi 370$ [$\phi 14.57$]	$\phi 425$ [$\phi 16.73$]	$\phi 472$ [$\phi 18.58$]	$\phi 393$ [$\phi 15.47$]	$\phi 380$ [$\phi 14.94$]	12 x $\phi 26$ [12x $\phi 1.02$]	703 [27.67]
Without Brake	$\phi 370$ [$\phi 14.57$]	$\phi 425$ [$\phi 16.73$]	$\phi 472$ [$\phi 18.58$]	$\phi 393$ [$\phi 15.47$]	$\phi 380$ [$\phi 14.94$]	12 x $\phi 26$ [12x $\phi 1.02$]	703 [27.67]

*Brake Pilot only on motor models with internal brake