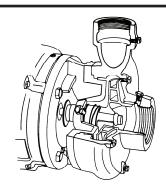
## pAgents.com - Click here for **Seingleder**in GGP dnips at that 4G9-4F

**Features** 

## Close Coupled End Suction



#### 1. RADIAL SPLIT CASING DESIGN

Casing is close grain iron of 30,000 p.s.i. minimum tensile strength. Back pull-out design eliminates the need to disturb piping should the pump ever require service - the casing stays in the line. Centerline discharge. Stud mounted casing assures positive alignment and allows rotation of discharge to eight different positions. Openings are provided for test gauges, for venting and for draining the pump.

#### 2. ENCLOSED BRONZE IMPELLER

Enclosed bronze impeller is of latest hydraulic design for maximum efficiency. It is balanced for vibration free operation. Precision fit to shaft and double-locked with key and cap screw.

#### 3. REPLACEABLE CASING WEAR RING

Prevents wear on casing and is easy to replace.

#### 4. MECHANICAL SHAFT SEAL

Mechanical Shaft Seal is self-adjusting for temperatures up to 225°F (107°C) and pressures to 150 psi (1034kpa). Has ceramic seat and carbon seal faces for long trouble-free service. Special seals are available for higher temperatures and fluids other than water. Tapped opening is provided in the seal chamber for flushing seal faces.

MAXIMUM OPERATING CONDITIONS									
Maximum Pumping Temperature*	225°F (107°C)								
Maximum inlet Pressure	100 PSI (690kpa)								
Maximum Case Working Pressure	200 PSI (1379kpa)								

<sup>\*</sup> FOR STANDARD BUNA-N SEAL

MATERIALS OF CONSTRUCTION										
Part	Bronze Fitted	All Bronze	All Iron							
Adapter	Cast Iron	Bronze	Cast Iron							
Casing	Cast Iron	Bronze	Cast Iron							
Casing Wear Ring	Bronze	Bronze	Steel							
Shaft	Steel	Steel	Steel							
Shaft Sleeve	Bronze	Bronze	#316 Stainless							
Impeller	Bronze	Bronze	Cast Iron							
Shaft Seal	Carbon-Ceramic SS - Buna-N	Carbon-Ceramic SS - Buna-N	Carbon-Ceramic SS - Buna-N							

#### 5. BRONZE SHAFT SLEEVE

Gasketed and keyed hook-type sleeve protects shaft wear and corrosion in seal area.

#### 6. MOTORS

The standard Type JM motors supplied with these pumps offer the advantages of quiet operation, controlled shaft deflection for longer mechanical seal life and bearings sized to provide good service life. All motors are **supplied by** manufacturers providing field service facilities.

#### 7. INTERCHANGEABILITY

The complete liquid end of any size pump is interchangeable between motors on close-coupled pumps and the BURKS power frames of comparable size providing inventory flexibility, plus an option for handling emergency service.

#### 8. FACTORY TESTED

After careful assembly and inspection, EVERY pump is factory tested and will meet Hydraulic Institute standards.

#### FOR TEMPERATURES TO 500°F (260°C).

All models, with the exception of the G7-2-1/2 and all G9 series pumps are available in a Jacketed Seal Cavity design for pumping hot oil, hot water and heat transfer fluids in common use in high temperature heating or cooling applications. This feature greatly extends seal life in high temperature applications. To order, add suffix "MJ" to pump catalog number for temperatures below 400°F (204°C) and add suffix "MJK" to pump catalog number for temperatures over 400°F (204°C). Example: G6-1-1/2MJ. See Section on High Temperature Pumps for more information.

SUCTION & DISCHARGE SIZES									
* SERIES	SUCTION (in)	DISCHARGE (in)							
G6-1-1/2	2	1-1/2							
G-2 & 2F	2-1/2	2							
G6-2-1/2 & 2-1/2F	3	2-1/2							
G7-2 & 2F	2-1/2	2							
G7A-2 & 2F	2-1/2	2							
G7-2-1/2 & 2-1/2F	3	2-1/2							
G9-1-1/2	2	1-1/2							
G9-2 & 2F	2-1/2	2							
G9-2-1/2 & 2-1/2F	3	2-1/2							
G9-3F & G9A-3F	4	3							
G9-4F	5	4							

<sup>\*</sup>F Suffix Denotes ANSI 125# Flat Face Flanges



### WARNING:

CANCER AND REPRODUCTIVE HARM - WWW.P65WARNINGS.CA.GOV



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PUMPS & SYSTEMS

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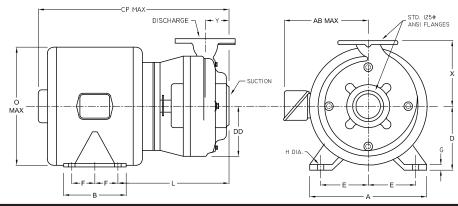
## **Burks Pumps T3500G9A-3F-ME**

# Series: G9w2Fim@9n2.6/nF,Click here for Pricing/Ordering for Pumps and G9-3F, G9A-3F, 4G9-4F

Dimensions with Flanged Casing

## **Close Coupled End Suction**





DIMENSIONS IN INCHES																	
MODEL	MOTOR FRAME SIZE	DISC NPT (in)	SUCT NPT (in)	Α	АВ	В	СР	D	DD	E	F	G	Н	L	0	х	Y
G9-2F	143JM	2		7	815/16	5	151/8	3½	5 <sup>15</sup> ⁄ <sub>16</sub>	23/4	2	3/8	11/32	97⁄16	73/16	81/2	29/16
	145JM		2½	7	815/16	6	161/8	3½	5 <sup>15</sup> ⁄ <sub>16</sub>	23/4	2½	3/8	11/32	97⁄16	73/16	81/2	2%16
	182JM			8¾	9%	5¾	17 <sup>13</sup> ⁄ <sub>16</sub>	4½	5 <sup>15</sup> ⁄ <sub>16</sub>	3¾	21/4	1/2	13/32	103/16	911/16	81/2	29/16
	184JM			8¾	91/8	6¾	18¹¾ <sub>16</sub>	41/2	5 <sup>15</sup> ⁄ <sub>16</sub>	33/4	23/4	1/2	13/32	103/16	911/16	81/2	29/16
	213JM			10%	1111/16	71/4	201/8	51/4	5 <sup>15</sup> ⁄ <sub>16</sub>	41/4	23/4	5/8	13/32	11½ <sub>16</sub>	11	81/2	29/16
	215JM			10%	1111/16	8¾	21%	51/4	5 <sup>15</sup> ⁄ <sub>16</sub>	41/4	3½	5/8	13/32	11½ <sub>16</sub>	11	81/2	29/16
	254JM		2/2	12¾	<b>11</b> %16	101⁄4	25½	61/4	5 <sup>15</sup> ⁄16	5	41/8	7/8	17/32	13¾ <sub>16</sub>	13¾16	81/2	29/16
	256JM			12¾	11%16	121⁄4	271/4	61/4	5 <sup>15</sup> ⁄ <sub>16</sub>	5	5	7/8	17/32	13¾6	13¾16	81/2	29/16
	284JM			13¾	13	11½	271/4	7	5 <sup>15</sup> ⁄ <sub>16</sub>	5½	43/4	7/8	17/32	13¾6	14¾	81/2	29/16
	286JM			13¾	13	13	28¾	7	5 <sup>15</sup> ⁄16	5½	5½	7/8	17/32	13¾ <sub>16</sub>	14¾	81/2	29/16
	324JM			14½	16¼	121⁄4	29¾16	8	5 <sup>15</sup> ⁄ <sub>16</sub>	61/4	51/4	7/8	21/32	1311/16	171/8	8½	21/16
	326JM			14½	16¼	13¾	3011/16	8	5 <sup>15</sup> ⁄ <sub>16</sub>	61/4	6	7/8	21/32	1311/16	171/8	81/2	29/16
G9-2½F	143JM			7	8 <sup>15</sup> / <sub>16</sub>	5	16½6	3½	61/16	23/4	2	3/8	11/32	95/8	<b>7</b> <sup>3</sup> ⁄ <sub>16</sub>	91⁄4	29/16
	145JM			7	815/16	6	<b>17</b> ½ <sub>16</sub>	3½	61/16	23/4	2½	3/8	11/32	95/8	73/16	91⁄4	29/16
	182JM			8¾	91/8	5¾	171/8	41/2	61/16	33/4	21/4	1/2	13/32	10%	911/16	91⁄4	29/16
	184JM			8¾	9%	6¾	181/8	41/2	61/16	33/4	23/4	1/2	13/32	10%	911/16	91⁄4	29/16
	213JM			10%	1111/16	71/4	205/16	51/4	61/16	41/4	23/4	5/8	13/32	11½	11	91⁄4	29/16
	215JM	2½	3	10%	1111/16	8¾	21 <sup>13</sup> / <sub>16</sub>	51/4	61/16	41/4	3½	5/8	13/32	11½	11	91⁄4	29/16
G9-2/2I	254JM	- 2/2 - - -		12¾	1111/16	101⁄4	25 <sup>11</sup> / <sub>16</sub>	61/4	61/16	5	41/8	7/8	17/32	13%	13¾ <sub>16</sub>	91⁄4	29/16
	256JM			12%	11%16	121⁄4	271/16	61/4	61/16	5	5	7∕8	17/32	13%	13¾16	91⁄4	29/16
	284JM			13¾	13	11½	27½16	7	61/16	5½	43/4	7/8	17/32	13%	14¾	91⁄4	29/16
	286JM			13¾	13	13	28 <sup>15</sup> / <sub>16</sub>	7	61/16	5½	5½	7/8	17/32	13%	14¾	91⁄4	29/16
	324JM			14½	16¼	121⁄4	29%	8	61/16	61/4	51/4	7∕8	21/32	131/8	171/8	91⁄4	29/16
	326JM			14½	16¼	13¾	30%	8	61/16	61⁄4	6	7∕8	21/32	131/8	171/8	91⁄4	21/16
	182JM	3 4		83/4	91/8	5¾	187⁄16	4½	61/4	3¾	21/4	1/2	13/32	11	911/16	9	211/16
	184JM		4	83/4	91/8	6¾	197⁄16	4½	61/4	3¾	23/4	1/2	13/32	11	911/16	9	211/16
G9-3F G9A-3F	213JM			10%	1111/16	71/4	20¾	51⁄4	61⁄4	41/4	23/4	5/8	13/32	111//8	11	9	211/16
	215JM			10%	1111/16	83/4	221/4	51⁄4	61⁄4	41/4	3½	5/8	13/32	111//8	11	9	211/16
	284JM			13¾	13	11½	271/8	7	61/4	5½	43/4	7/8	17/32	13 <sup>13</sup> ⁄ <sub>16</sub>	14¾	9	211/16
	286JM			13¾	13	13	29%	7	61⁄4	5½	5½	7/8	17/32	13 <sup>13</sup> / <sub>16</sub>	14¾	9	211/16
	324JM			14½	16¼	121⁄4	2913/16	8	61/4	61⁄4	51⁄4	7/8	21/32	145/16	171/8	9	211/16
	326JM			14½	16¼	13¾	315/16	8	61/4	61/4	6	7∕8	21/32	145/16	171/8	9	2 <sup>11</sup> / <sub>16</sub>
	182JM	4 5	5	8¾	911/16	5¾	19½	4½	7%16	3¾	21/4	1/2	13/32	11¾	911/16	10%	31/4
4G9-4F	184JM			8¾	911/16	6¾	21½	4½	7%16	3¾	2¾	1/2	13/32	11¾	911/16	10%	31/4
<del>-</del> 103-4Γ	213JM			10%	101/8	7¾	21 <sup>15</sup> ⁄16	51/4	7%16	41/4	23/4	5/8	13/32	125/8	11	10%	31/4
	215JM			10¾	101/8	8¾	237/16	5¼	7%16	41/4	3½	5/8	13/32	125/8	11	10%	31/4

DIMENSIONS SHOWN ABOVE ARE APPROXIMATE MAXIMUM DIMENSIONS FOR STANDARD PUMPS EQUIPPED WITH ODP MOTORS.

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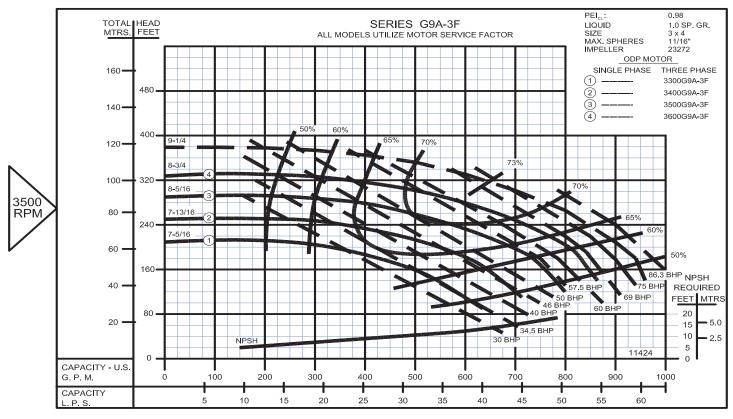
## **Burks Pumps T3500G9A-3F-ME**

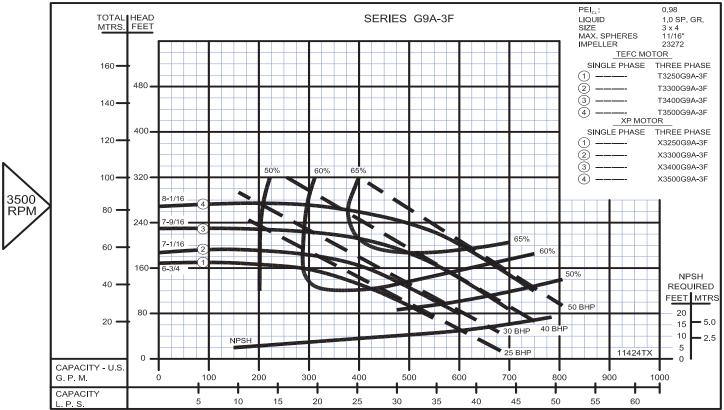
Series: G9Aw® FumpAgents.com - Click here for Pricing/Ordeling for Pumps and

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## **Close Coupled End Suction**





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