

Hydraulically-Driven, Cast Iron with ForceField Technology

Series 9307CWS



- ForceField seal technology to protect your pump against today's harshest application environments:
 - Eliminates dry run failures
 - Eliminates chemical and fertilizer bonding failures
 - Prevents costly in-season downtime
 - Maintenance-free operation
 - Self-regulating chamber designed to provide pressure when needed and safe serviceability when it is not needed
 - Direct drop-in for current 9307 designs
- Components designed for today's high volume liquid fertilizer application on large capacity sprayers:
 - Hydraulic motor includes a case drain for maximum motor life
 - 316 stainless steel impeller
 - Two-piece shaft design includes 416 stainless steel wet end and 8620 hardened steel drive end
 - Bearings designed to handle continuous high volume pump loading
- Capable of flows over 370 GPM (1400 LPM) at 40 PSI (2.8 BAR)
- 300 universal flange inlet x 220 universal flange outlet
- One-year warranty that includes pump, motor and seals



For Flanged Connections You Will Also Need:

- Universal Flange Gasket
- Universal Flange Clamp

See page 214 for details

Order Information

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max Hyd. GPM	Max Hyd. LPM	Hydraulic Selection System
9307CWS-GM12	370	1400	135	9.8	23	87.1	Open/Closed

9307CWS-GM12: Performance in water

U.S. Units

Hyd. Flow GPM	GPM at 30 PSI	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI	GPM at 80 PSI	GPM at 90 PSI	GPM at 100 PSI	GPM at 110 PSI
16	222	180	115						
17	246	212	166	92					
18	274	245	209	157	58				
19	302	272	242	203	150				
20	326	298	271	240	196	142			
21	345	324	297	269	238	194	140		
22	345	345	322	297	270	236	193	138	
23	370	370	344	323	299	273	235	194	137

9307CWS-GM12: Performance in water

Metric Units

Hyd. Flow LPM	LPM at 2.1 BAR	LPM at 2.8 BAR	LPM at 3.4 BAR	LPM at 4.1 BAR	LPM at 4.8 BAR	LPM at 5.5 BAR	LPM at 6.2 BAR	LPM at 6.9 BAR	LPM at 7.6 BAR
60.6	840	681	435						
64.4	931	802	628	348					
68.1	1037	927	791	594	220				
71.9	1143	1030	916	768	568				
75.7	1234	1128	1026	908	742	537			
79.5	1306	1226	1124	1018	901	734	530		
83.3	1306	1306	1219	1124	1022	893	731	522	
87.1	1400	1400	1302	1223	1132	1033	889	734	519

9307CWS-GM12: Performance in 28% liquid fertilizer

U.S. Units

Hyd. Flow GPM	GPM at 40 PSI	GPM at 50 PSI	GPM at 60 PSI	GPM at 70 PSI	GPM at 80 PSI	GPM at 90 PSI	GPM at 100 PSI	GPM at 110 PSI	GPM at 120 PSI	GPM at 130 PSI	GPM at 140 PSI
16	228	204	159	100							
17	234	219	190	147	49						
18	247	247	223	194	146	49					
19	255	255	239	221	191	151	55				
20	260	260	252	240	220	191	150	63			
21	260	260	254	248	237	224	196	159	87		
22	260	260	254	248	240	230	214	194	159	101	
23	260	260	254	249	249	242	237	227	211	174	133

9307CWS-GM12: Performance in 28% liquid fertilizer

Metric Units

Hyd. Flow LPM	LPM at 2.8 BAR	LPM at 3.4 BAR	LPM at 4.1 BAR	LPM at 4.8 BAR	LPM at 5.5 BAR	LPM at 6.2 BAR	LPM at 6.9 BAR	LPM at 7.6 BAR	LPM at 8.3 BAR	LPM at 9.0 BAR	LPM at 9.7 BAR
60.6	863	772	602	379	-						
64.4	886	829	719	556	185						
68.1	935	935	844	734	553	185					
71.9	965	965	905	836	723	572	208				
75.7	984	984	954	908	833	723	568	238			
79.5	984	984	961	939	897	848	742	602	329		
83.3	984	984	961	939	908	871	810	734	602	382	
87.1	984	984	961	942	942	916	897	859	799	659	503