

Hydraulically-Driven, Cast Iron & Stainless Steel Flanged

Series 9306C and 9306S - 300x220 Flanged Pumps



Upgrade Options:

- Increase dry-run and abrasive resistance with Life Guard Seals
 - Life Guard seals are the OEM standard
- Extend pump life with Stainless Steel
 - Fact: Chemical corrosion, pump cavitation, and abrasive wear are key factors in pump life
 - 316 Stainless Steel pumps provide superior chemical corrosion resistance, while maintaining material strength to prolong the life against abrasive wear
 - 316 Stainless Steel resists cavitation pitting of pumps, extending the wear life
 - Drop in replacements for cast iron pumps

Features

- Hydraulic motor drive (for open center, closed center and load-sensing systems)
- Port Sizes: 300 x 220 (3U) Universal flange
- Max. fluid temperature: 140°F/60°C
- Available in cast iron and 316 stainless steel for extended pump life
- Impeller: Nylon (cast iron models); polypropylene (stainless steel models); (GTX available)
- Motor: internal gear gerotor
- Hydraulic ports: 1/2" NPT inlet, 3/4" NPT outlet
- Max. motor psi: 3000 (bar: 207)
- Pump seals: Cast Iron models – Viton/ceramic standard; Life Guard silicon carbide (B) available; Stainless Steel models – Life Guard silicon carbide
- Life Guard seals are the industry standard on OEM equipment
- Hydraulic motor seal: double-lip Teflon® and case drain available
- Weight: 33 lbs./15 kg

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
9306C-HM1C-3U	283	1071	127	8.8	13	49.2	Open/Closed
9306C-HM3C-3U	322	1219	128	8.8	24	90.3	Open/Closed
9306C-HM5C-3U	312	1181	140	9.6	17	64.4	Open/Closed
9306S-HM1C-3U	283	1071	127	8.8	13	49.2	Open/Closed
9306S-HM3C-3U	322	1219	128	8.8	24	90.3	Open/Closed
9306S-HM5C-3U	312	1181	140	9.6	17	64.4	Open/Closed
3430-0332	Seal and o-ring repair kit						
3430-0589	Life Guard silicon carbide seal kit						

Life Guard silicon carbide seal - Add suffix "B" [i.e.: 9306C-HM1C-B3U]

9306C-HM1C-3U, 9306S-HM1C-3U

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	GPM at 120 PSI
11	255	225	190	155	122	88	44	5		
12	271	242	211	179	149	119	88	53	19	
13	283	258	226	199	171	144	115	85	53	24

9306C-HM1C-3U, 9306S-HM1C-3U

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	LPM at 8.3 BAR
41.6	965	852	719	587	462	333	167	19		
45.4	1026	916	799	678	564	450	333	201	72	
49.2	1071	977	856	753	647	545	435	322	201	91

9306C-HM3C-3U, 9306S-HM3C-3U

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	GPM at 120 PSI
18	285	256	213	165	90					
20	308	297	268	233	192	139	49			
22	312	312	308	288	255	219	176	127	16	
24	322	322	320	316	298	265	231	196	154	101

9306C-HM3C-3U, 9306S-HM3C-3U

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	LPM at 8.3 BAR
68.1	1079	969	806	624	341					
75.7	1166	1124	1014	882	727	526	185			
83.3	1181	1181	1166	1090	965	829	666	481	61	
90.8	1219	1219	1211	1196	1128	1003	874	742	583	382

9306C-HM5C-3U, 9306S-HM5C-3U

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	GPM at 120 PSI	GPM at 130 PSI
15	285	269	242	212	182	149	112	68	19		
16	308	291	269	242	212	179	149	115	78	37	
17	312	312	297	270	242	214	187	154	122	82	44

9306C-HM5C-3U, 9306S-HM5C-3U

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	LPM at 8.3 BAR	LPM at 8.9 BAR
56.8	1079	1018	916	802	689	564	424	257	72		
60.6	1166	1101	1018	916	802	677	564	435	307	159	
64.4	1181	1181	1124	1022	916	810	708	583	462	310	167

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