

Hydraulically-Driven, Cast Iron, Self-Priming

Series 9305C-SP and 9305C-BSP



Upgrade Options:

- Increase dry-run and abrasive resistance with Life Guard Seals
 - Life Guard seals are the OEM standard

Features

- Available in cast iron
- Hydraulic motor drive (for open center, closed center and load-sensing systems)
- Port sizes: 2" NPT inlet, 2" NPT outlet (Model 9305C-HM3C-SP), 2" BSP inlet, 2" BSP outlet (Model 9305C-HM3C-BSP)
- Max. fluid temperature: 140°F/60°C
- Impeller: Nylon
- Motor: internal gear gerotor
- Hydraulic ports: 1/2" NPT inlet, 3/4" NPT outlet
- Max. motor psi: 3000 (bar: 207)
- Pump seals: Viton/ceramic standard; Life Guard silicon carbide (B) available
- Life Guard seals are the industry standard on OEM equipment
- Hydraulic motor seal: double-lip Teflon® and case drain available
- Weight: 59 lbs./26.8 kg

Order Information

Model Number	Max GPM	Max LPM	Max PSI	Max BAR	Max Hyd. GPM	Max Hyd LPM	Hydraulic Selection System
9305C-HM3C-SP	155	587	143	9.9	19	72	Open/Closed
9305C-HM3C-BSP	155	587	143	9.9	19	72	Open/Closed
3430-0601	Life Guard silicon carbide seal kit						
3430-0481SP	Self priming chamber kit						

Life Guard silicon carbide seal - Add suffix "B" (i.e.: 9305C-HM3C-B-SP)

9305C-HM3C-SP, 9305C-HM3C-BSP

U.S. Units

Hyd. Flow LPM	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
17	148	145	135	118	100	81	60	37	17		
18	150	149	147	138	120	102	81	60	38	14	
19	153	152	150	147	140	120	104	85	66	45	28

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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 9.0 BAR
64.4	560	549	511	447	379	307	227	140	64		
68.1	568	564	556	522	454	386	307	227	144	53	
71.9	579	575	568	556	553	454	394	322	250	170	106

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