## Technical Data

**Product:** SCREWLINE SP 630 S1  
**Part No.:** 117118

| Inlet / Outlet connection: | EN 1092-2 - PN 6 - DN 100  
|                          | EN 1092-2 - PN 16 - DN 100  
|                          | ISO 1609-1986 (E)-100 (DN 100 ISO-K)  
|                          | ASME B 16.5 NPS4 class 150

| Pumping speed at 50 Hz: | 630 m³/h 371 cfm  
| Pumping speed at 60 Hz: | 630 m³/h 371 cfm

| Ultimate total pressure without gas ballast | ≤ 1.0 x 10⁻² mbar  ≤ 7.5 x 10⁻³ Torr  
| at 50 Hz: |  
| at 60 Hz: |  

| Ultimate total pressure with gas ballast | ≤ 1.0 x 10⁻¹ mbar  ≤ 7.5 x 10⁻² Torr  
| at 50 Hz: |  
| at 60 Hz: |  

| Water vapor tolerance at 50 Hz: | 40.0 mbar 30.0 Torr  
| Water vapor tolerance at 60 Hz: | 40.0 mbar 30.0 Torr

| Water vapor capacity at 50 Hz: | 14.0 kg/h  
| Water vapor capacity at 60 Hz: | 14.0 kg/h

| Operating fluid gear box: | LEYBONOL LVO 210  
| Operating fluid capacity: | 15.0 l 15.9 qt

| Noise level to DIN 45 635 without gas ballast | 71 db(A) 71 db(A)  
| at 50 Hz: |  
| at 60 Hz: |  

| Cooling water consumption: | 720 l/h (at 25°C / 77°F inlet temperature)  
| Permissible cooling water pressure: | 2 - 10 bar  
| Permissible cooling water temperature: | +5 to +35°C +41 to +95°F  
| Cooling water connections: | G 1/2", inside thread

| Mains connection: | 3-ph, 210/460 V, 60 Hz

| Motor rating at 50 Hz: | 15.0 kW 20.0 HP  
| Motor rating at 60 Hz: | 15.0 kW 20.0 HP

| Rotation speed at 50 Hz: | 2.930 min⁻¹ 2.930 rpm  
| Rotation speed at 60 Hz: | 3.530 min⁻¹ 3.530 rpm

| Motor protection rating: | IP 55  
| Admissible ambient temperature: | +12 to +40°C +54 to +104°F

| Dimensions: | see dimension sheet

| Weight: | ≈ 530 kg  ≈ 1.166 lbs

Technical data are subject to change

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