

Byron Jackson Oil Lubricated Sumpmaster Pumps

- ESTABLISHED RELIABILITY**
Since 1872 Byron Jackson has pioneered the design and manufacture of Centrifugal Pumps.
Through Byron Jackson's long experience and a continuous research and development program, you are assured top performance and reliability.
Thousands of satisfied customers are proof of Byron Jackson's outstanding leadership.
- MAXIMUM PERFORMANCE**
Exclusive hydraulic and mechanical features insure efficient low cost operation. Maximum performance and economy assured for individual requirements by optimum selection from a full range of pumps.
- QUALITY GUARANTEED**
Reliable service and long life is guaranteed by exacting quality control in each stage of manufacture.
- WORLD-WIDE SERVICE**
Prompt service available through hundreds of dealers and world-wide manufacturing, sales and service facilities.
- HIGH EFFICIENCY**
Unsurpassed in hydraulic design and constructed of the finest materials, the Byron Jackson Sumpmaster's rugged construction maintains a higher efficiency "over the long haul." No coatings or other temporary means are used to increase the initial efficiency.
- SELF-PRIMING**
Submergence of 1st stage eliminates need for priming devices, or vacuum exhaust of air.
- NON-OVERLOADING CHARACTERISTICS**
All Byron Jackson Sumpmaster units utilize impellers which are hydraulically designed for non-overloading H.P. characteristics over the entire head-capacity range.
- SIMPLIFIED INSTALLATION**
The Sumpmaster is entirely self-contained. A minimum amount of work is required for installation. Units up to 15½' overall length are shipped completely assembled and ready for installation.
- SEMI-OPEN IMPELLERS**
All Byron Jackson Sumpmasters are equipped with semi-open impellers. They may be adjusted to compensate for wear by merely turning the adjusting nut on top of the driver. No need to pull the pump to install wear rings as is necessary with closed impellers.
- CONTINUOUS DOWNTHRUST**
No upthrust at start up or at any point on the head capacity curve means an absolute minimum of vibration and wear for the Sumpmaster's vertical shafting, bearings, rotating parts or mechanical seal faces.
- LOW SPEED**
Your Sumpmaster can provide high heads at low speed without loss in pump efficiency. 1800 RPM assures less wear and costly down time for repairs.

REF. NO.	NAME OF PART	STD. METALLURGY
(A) 529	DRIVE HALF COUPLING	STEEL
(B) 256	SPLIT RING COUPLING	STEEL
(C) 532	ADJUSTING PLATE	STEEL
(D) 530	PUMP HALF COUPLING	STEEL
(E) 676	HEAD SHAFT KEY	STEEL
(F) 479	TENSION NUT BEARING	BRONZE
(G) 480	PACKING RING	STEEL
76	TOP CASE	CAST IRON
* 78	SERIES CASE	CAST IRON
79	BOTTOM CASE	CAST IRON
* 103	BOTTOM CASE BEARING	BRONZE
* 167	PUMP SHAFT	STAINLESS STEEL
* 176	IMPELLER	BRONZE
* 212	BY-PASS SEAL	BRONZE
* 243	SERIES CASE BEARING	BRONZE
244	SAND CAP	BRONZE
252	HEAD SHAFT NUT	BRONZE
266	SHAFT NUT LOCK SCREW	STEEL
* 272	IMPELLER LOCK COLLET	STAINLESS STEEL
377	TOP CASE FLANGE	CAST IRON
384	OUTER COL. COUPLING	STEEL
* 396	COLUMN BEARING	BRONZE
* 397	TOP CASE BEARING	BRONZE
* 400	BOTTOM COLUMN SHAFT	STEEL
401	COLUMN SHAFT COUPLING	STEEL
406	MOTOR SHAFT	STEEL
414	UPPER INNER COLUMN	STEEL
419	UPPER OUTER COLUMN	STEEL
422	BOTTOM OUTER COLUMN	STEEL
465	DISCHARGE HEAD	CAST IRON
603	STRAINER	GALV. STEEL
678	HEADSHAFT GIB KEY	STEEL
681	OIL RESERVOIR	ALUMINUM

*RECOMMENDED SPARE PARTS

