Thompson Pump 12R-DDS-3.6-X

Thompson 12R-DDS-3.6-X - 12-in Rotary Wellpoint Pump

Source: Manufacturer product page

Selected rotary wellpoint configuration

Model	**12R-DDS-3.6-X**
Pump type	**Positive-displacement rotary wellpoint**
Suction / discharge	**12 in / 12 in**
Engine manufacturer	**Deutz; DDS identifies diesel Deutz skid-mounted package**
Engine model designation	**3.6, per factory model nomenclature**
Maximum power class	**74 hp, per manufacturer 12R selector**
Mounting	**Skid**
X package designation	**Extended-capacity single-wall modular package**
Enclosure	**Open-frame selection**

Model performance

Maximum flow	**2,200 US gal/min; current manufacturer 12R table**
Maximum total dynamic head	**120 ft; current manufacturer 12R table**
Rating relationship	**Flow and head are separate limits, not one simultaneous duty point**
Dewatering applications	**Construction wellpoint and sock dewatering**

Rotary family construction and features

Suction principle	**Constant suction as rotors separate**
Rotors	**Polyurethane with steel inserts**
Wear plates	**Stainless steel**

Rotary family construction and features

Mechanical seals	**Oil lubricated**
Family maximum suction lift	**Up to 28 ft; actual duty depends on installation**
Family maximum air handling	**Up to 400 cfm across rotary family; not assigned as exact 12R package rating**
Family tank feature	**200-US-gal tank listed for rotary family; confirm selected package tank**