

Selected S-Series reference configurations

APP-S-CONFIG / Rev. A / 24 October 2026

Five flow-expanded (I) configurations at 1450 rpm. Use the complete designation and impeller diameter when comparing hydraulic duty, driver power and suction requirements.

Hydraulic reference points

Configuration	Flow m3/h	Head m	Speed rpm	Impeller mm	Efficiency %
S 125-500(I)	328	76	1450	475	82
S 150-360(I)	446	38	1450	355	85
S 200-520(I)	817	91	1450	530	84
S 250-600(I)	1,242	116	1450	610	84
S 300-435(I)	1,677	53	1450	450	89

Power and suction data

Configuration	Shaft power kW	Catalogue motor kW	NPSHr m	Original catalogue page
S 125-500(I)	82.7	110	2.8	23
S 150-360(I)	54.3	75	3.0	25
S 200-520(I)	241	280/315	4.0	31
S 250-600(I)	467	560	4.6	35
S 300-435(I)	275	315	7.1	37

Shaft power is absorbed by the pump at the listed point. Motor rating is the listed driver size. Review the proposed motor across the required operating range. Compare system available NPSH with the selected NPSHr and the required engineering margin.

Source: S-Series catalogue, version 11 March 2026, physical pages 23, 25, 31, 35 and 37. This ANSI Pumps Pro reference compilation preserves the listed configuration values.

Catalogue reference data supports initial review. The selected curve, impeller and project datasheet establish the agreed duty and configuration.

Replacement interface review worksheet

Collect the installed and proposed values; record the result against the applicable drawings.

Project input	Details
Installed manufacturer / full model	_____
Nameplate / serial reference	_____
Required flow / head / actual rpm	_____
Liquid / temperature / suction conditions	_____
Supply scope / motor and coupling reuse	_____

Interface comparison

Check	Installed value / drawing	Proposed value / drawing	Result
Flange sizes, standard, drilling	_____	_____	_____
Nozzle position and shaft height	_____	_____	_____
Rotation, shaft and coupling spacing	_____	_____	_____
Baseplate and anchor-bolt positions	_____	_____	_____
Vertical support and removal space	_____	_____	_____

Review result: matched / adaptation required / further information needed. This is a blank collection worksheet, not a completed compatibility approval.

Send your nameplate, GA and completed inputs to the engineering team.

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Horizontal: review the driver footprint, shaft height, coupling, piping and foundation. Vertical: include support geometry, flange levels, unit height and rotor-removal clearance.