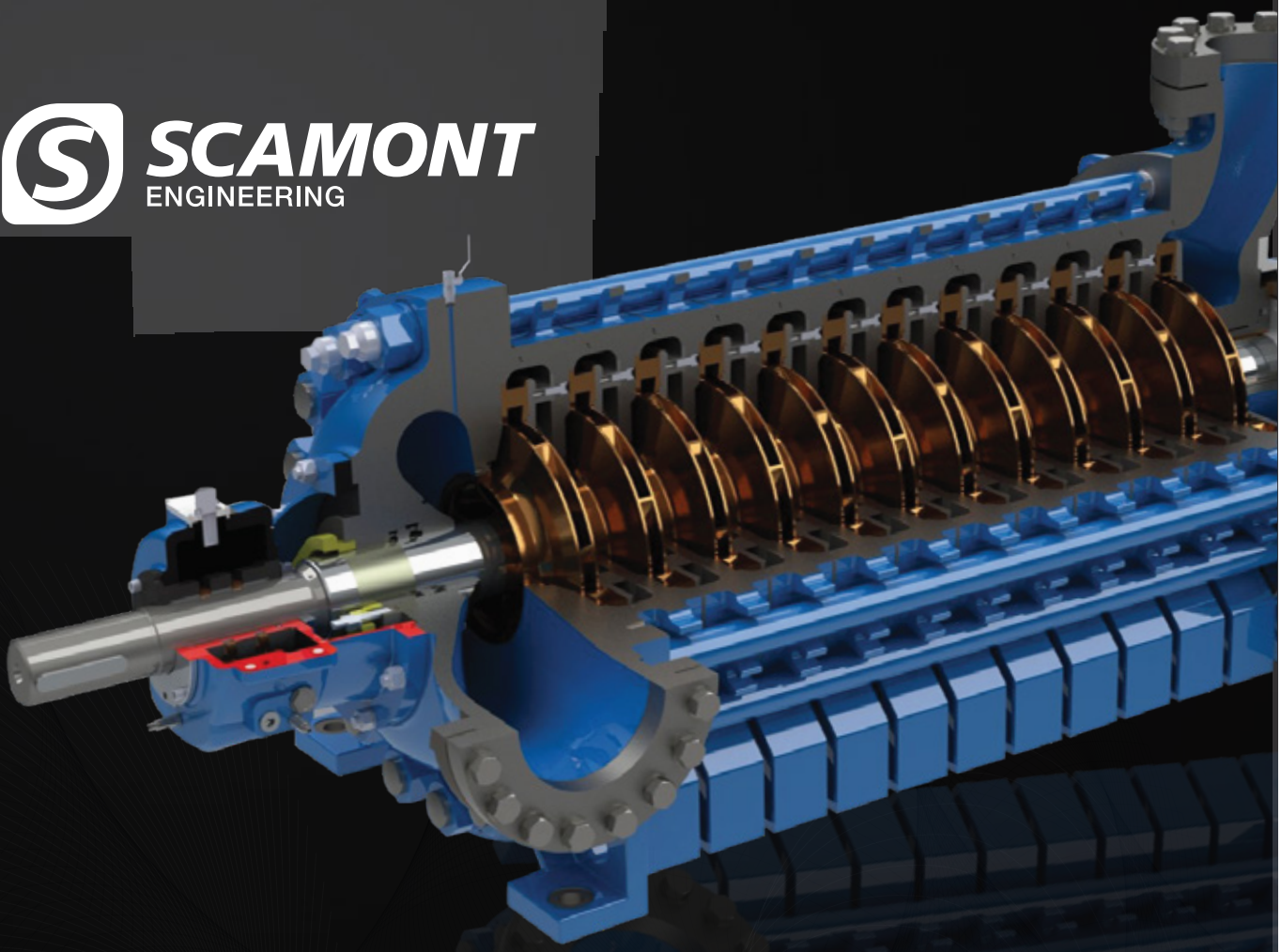
SCAMONT
ENGINEERING



32-20
50-25
53-29
58-29

GHP

MULTISTAGE IN-LINE CENTRIFUGAL PUMP

HIGH LIFT | HIGH VOLUME | MULTISTAGE PUMP

The Scamont GHP is the base technology in our range of in-line multistage centrifugal pumps. It boasts decades of strong performance history from which we could draw on in order to develop our next generation range of SRB and GSB pumps.

DESIGN FEATURES

- White Metal Journal Bearings (Hydrodynamic bearings)
- Balance Disc arrangement with balance flow arrangement
- Superior manufacturing standards and top quality materials ensure compatibility between rotating and stationary wearing parts giving a high level of corrosion and erosion resistance. This extends operating life, efficiency and reliability and results in low maintenance costs.
- The split form drive-end bearing and bearing bracket allows the bearing to be replaced without removing the motor from its position.
- Spun cast bronze impellers ensuring mechanical and metallurgical integrity

OPTIONS

- Range of Materials and Coatings to suit various applications
- Full Condition Monitoring Instrumentation including vibration, bearing temperatures, flow and suction and discharge pressures
- Wear limit switch or proximity switch for measurement of wear on wear ring faces
- Gland service
- Left or right suction flange orientation
- Can be converted to Scamont Slider Roller Bearing (SRB) configuration

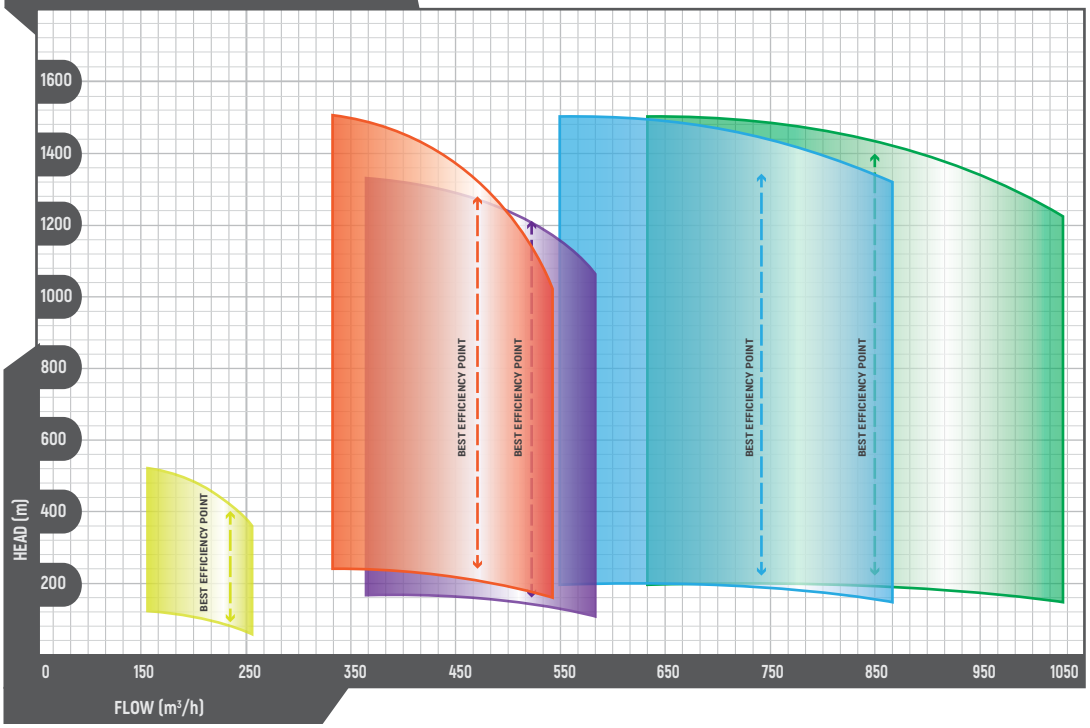
DYNAMIC | POWER | MOTION

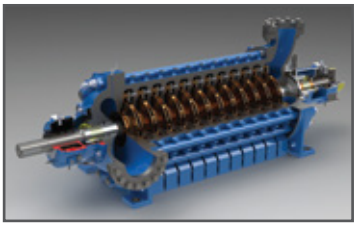
32-20
50-25
53-29
58-29

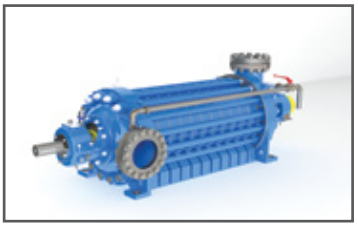
GHP

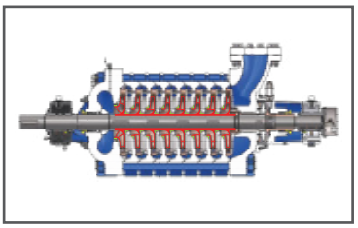
MULTISTAGE IN-LINE CENTRIFUGAL PUMP

GHP FAMILY OF PERFORMANCE CURVES









GHP IN-LINE PUMP SPECIFICATIONS

PUMP MODEL	BRANCH SIZE				MAXIMUM PRESSURE		IMPELLER DIAMETER	
	SUCTION		DELIVERY		WORKING	TEST	MAX	MIN
GHP 32-20 4 POLE	DN200	EN1092-1 PN64	DN150	EN1092-1 PN160	16 000 kPa	20 800 kPa	342 mm	312 mm
GHP 32-20 2 POLE	DN201	EN1092-1 PN64	DN150	EN1092-1 PN160	16 000 kPa	20 800 kPa	342 mm	312 mm
GHP 50-25	DN225	EN1092-1 PN64	DN200	EN1092-1 PN160	16 000 kPa	20 800 kPa	505 mm	460 mm
GHP 53-29	DN300	EN1092-1 PN64	DN250	EN1092-1 PN160	16 000 kPa	20 800 kPa	530 mm	490 mm
GHP 58-29	DN300	EN1092-1 PN64	DN250	EN1092-1 PN160	16 000 kPa	20 800 kPa	580 mm	520 mm

PUMP MODEL	PUMP SPEED	MAX NO. OF STAGES	HEAD MAX (AT BEP)	FLOW RATE MAX (AT BEP)	BEST EFFICIENCY POINT
GHP 32-20 4 POLE	1490 rpm CLOCKWISE	14 STAGES	567 (455.5) m	275 (225,5) m³/h	78%
GHP 32-20 2 POLE	2980 rpm CLOCKWISE	10 STAGES	1620 (1301,4) m	550 (451) m³/h	79%
GHP 50-25	1490 rpm CLOCKWISE	14 STAGES	1400 (1199,1) m	750 (521) m³/h	80%
GHP 53-29	1490 rpm CLOCKWISE	14 STAGES	1551,9 (1410,1) m	1000 (765) m³/h	82,5%
GHP 58-29	1490 rpm CLOCKWISE	12 STAGES	1560 (1356,9) m	1133 (895) m³/h	82%