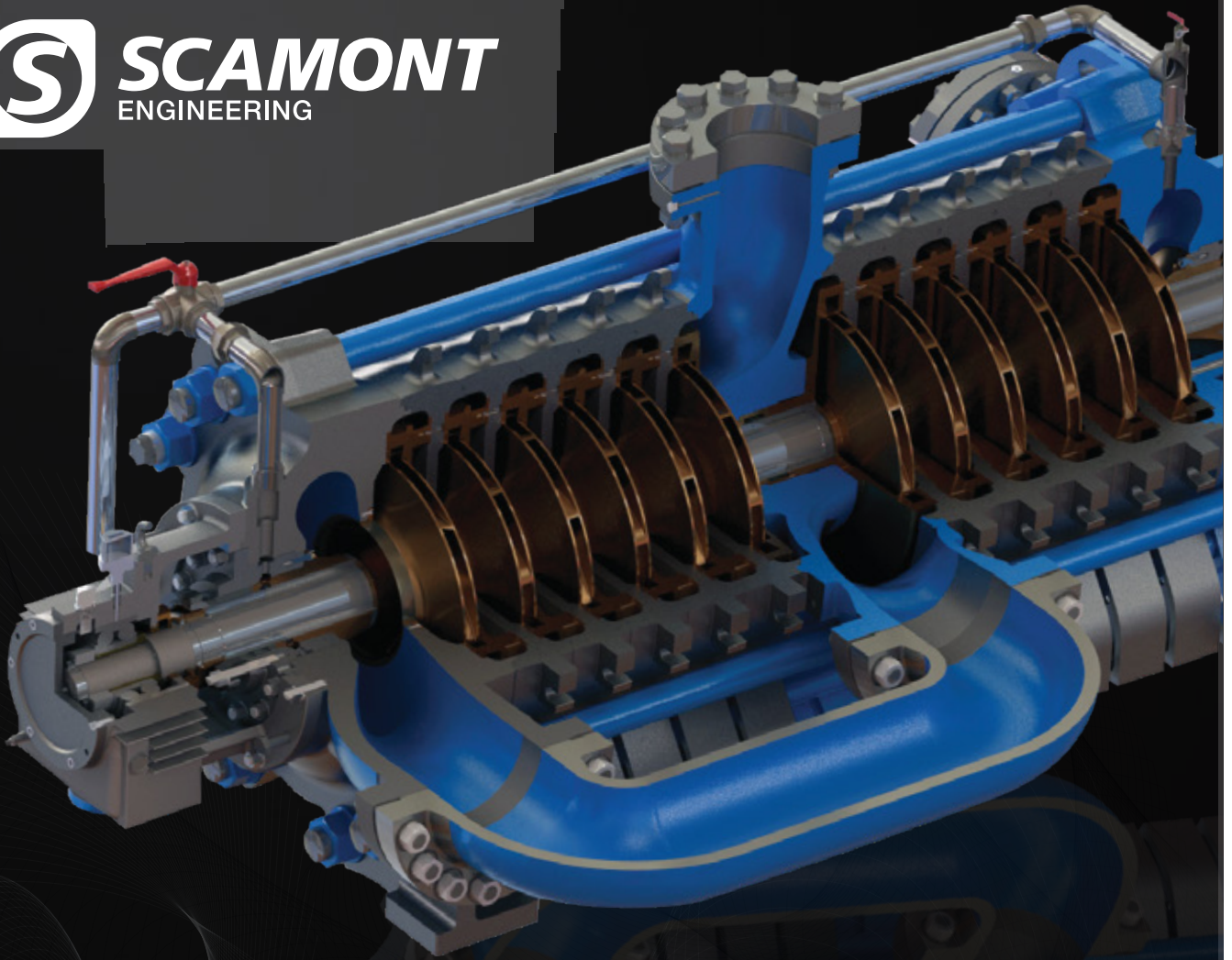




SCAMONT
ENGINEERING



250
225
200
150

GSB

SELF-BALANCING

HIGH LIFT | HIGH VOLUME | MULTISTAGE SELF-BALANCING PUMP

The Scamont GSB pump is robust in design and suitable for application in the harshest environments.

UNIQUE DESIGN FEATURES

- Central Bush reduces shaft whip and vibration
- Low-friction, heavy duty cylindrical roller and ball bearings
- Self-Balancing arrangement, no balance disc or drum
- Locked rotor ensures correct alignment of flow path for life of pump
- Reconfigure as a parallel pump with double volume at half the pressure

ADVANTAGES

- Maintenance free
- Fully automated remote operation
- Reduced OPEX
- Longer service life
- Broad spectrum of application including mine dewatering, flushing systems, freshwater supply, pressure boosting systems, water treatment plants and industrial processes

OPTIONS

- Range of Materials and Coatings to suit various applications
- Full Condition Monitoring Instrumentation, vibration, bearing temperatures, flow and suction and discharge pressures
- Gland service
- Mechanical seals
- Left or right suction flange orientation

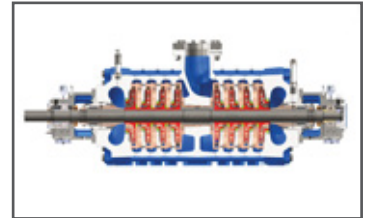
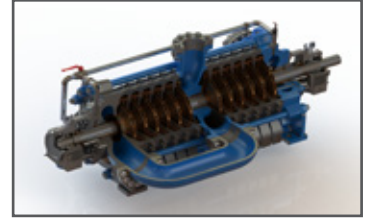
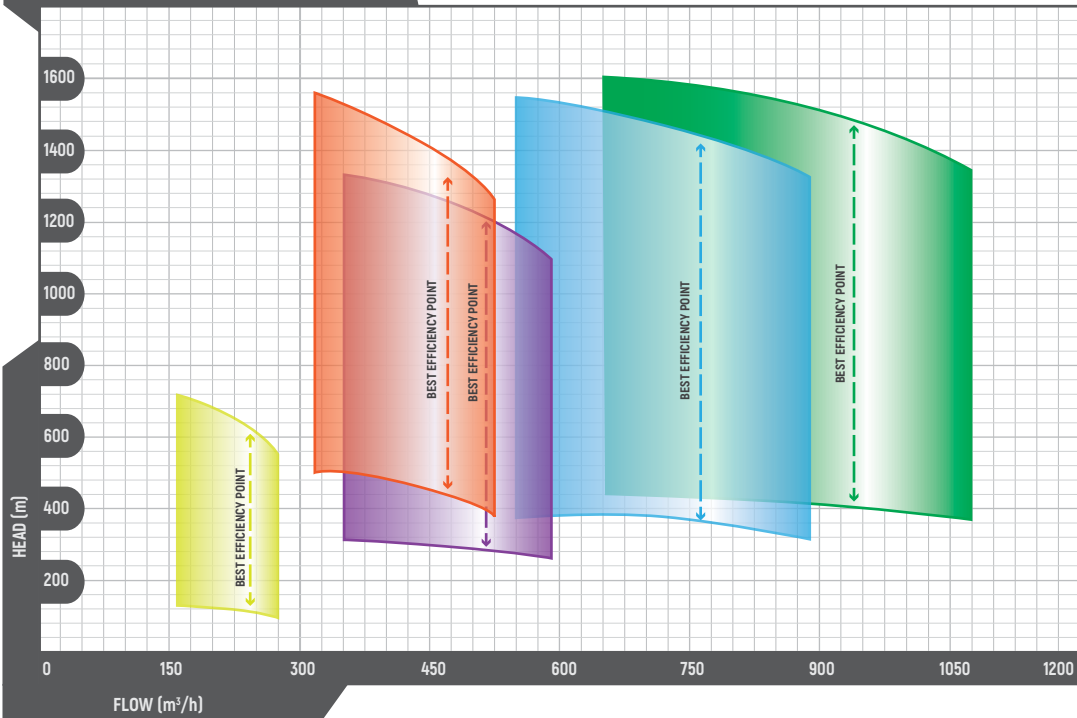
DYNAMIC | POWER | MOTION

250
225
200
150

GSB

SELF-BALANCING

GSB FAMILY OF PERFORMANCE CURVES



GSB SELF-BALANCING PUMP SPECIFICATIONS

PUMP MODEL	BRANCH SIZE				MAXIMUM PRESSURE		IMPELLER DIAMETER	
	SUCTION		DELIVERY		WORKING	TEST	MAX	MIN
GSB 150	DN200	EN1092-1 PN64	DN150	EN1092-1 PN160	16 000 kPa	20 800 kPa	350 mm	318 mm
GSB 150	DN200	EN1092-1 PN64	DN150	EN1092-1 PN160	16 000 kPa	20 800 kPa	350 mm	318 mm
GSB 200	DN250	EN1092-1 PN64	DN200	EN1092-1 PN160	16 000 kPa	20 800 kPa	510 mm	460 mm
GSB 225	DN300	EN1092-1 PN64	DN250	EN1092-1 PN160	16 000 kPa	20 800 kPa	530 mm	490 mm
GSB 250	DN300	EN1092-1 PN64	DN250	EN1092-1 PN160	16 000 kPa	20 800 kPa	600 mm	540 mm

PUMP MODEL	PUMP SPEED	NO. OF STAGES	HEAD MAX (AT BEP)	FLOW RATE MAX (AT BEP)	MAX EFF
GSB 150	1490 rpm CLOCKWISE	18 STAGES	763 (614) m	263 (231) m³/h	79%
GSB 150	2980 rpm CLOCKWISE	10 STAGES	1695,5 (1351) m	526 (468) m³/h	80%
GSB 200	1490 rpm CLOCKWISE	14 STAGES	1408 (1211) m	750 (514) m³/h	79%
GSB 225	1490 rpm CLOCKWISE	14 STAGES	1552 (1410) m	1000 (765) m³/h	82,5%
GSB 250	1490 rpm CLOCKWISE	12 STAGES	1632 (1460) m	1225 (937) m³/h	81%