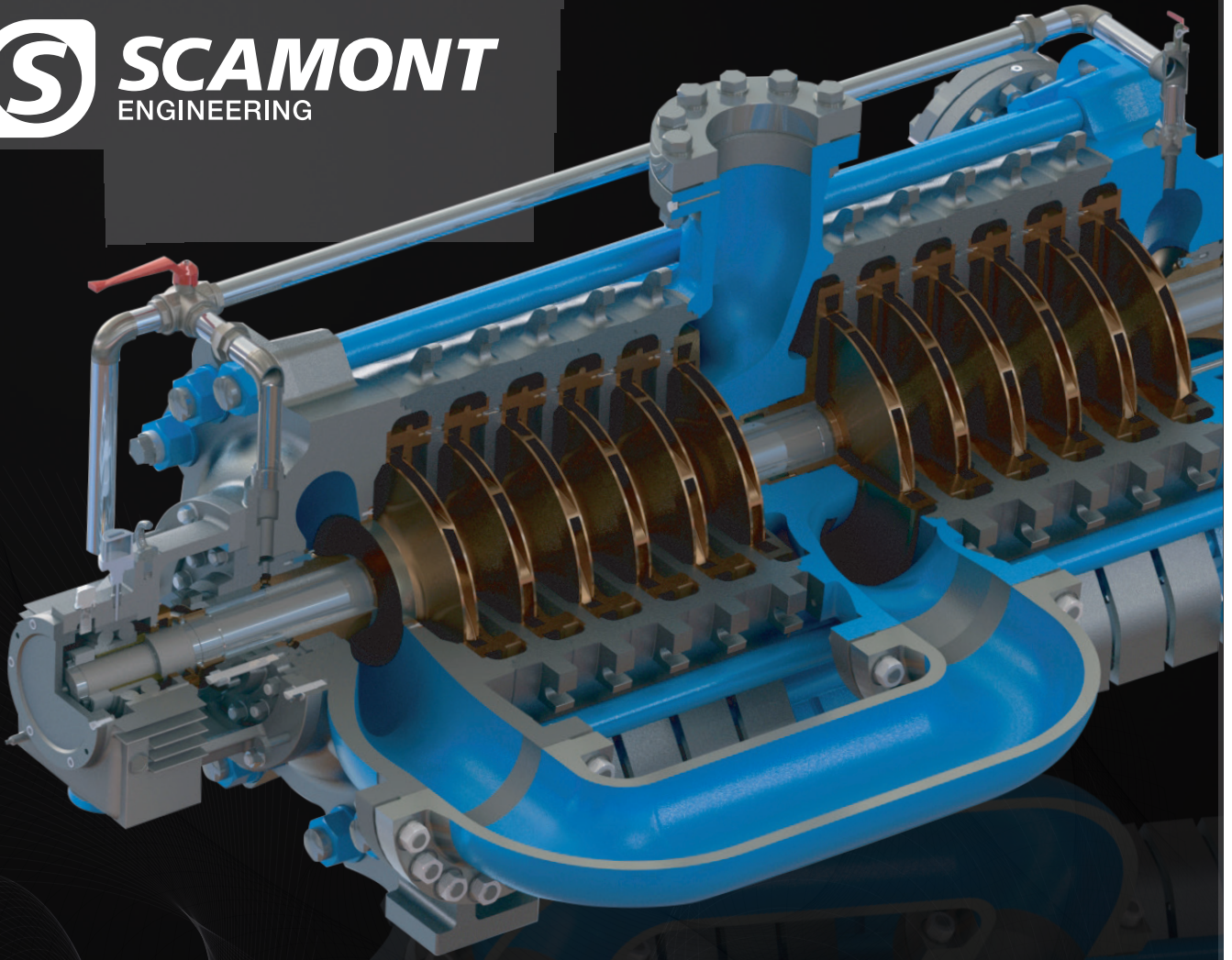




**SCAMONT**  
ENGINEERING



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

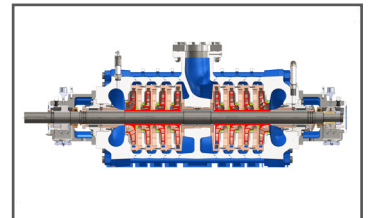
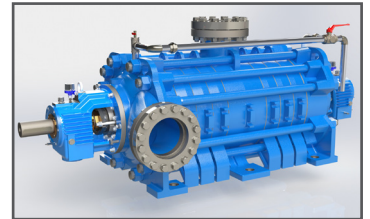
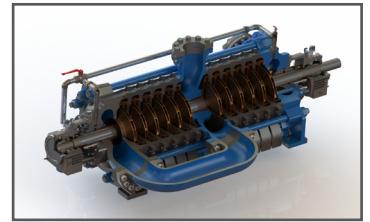
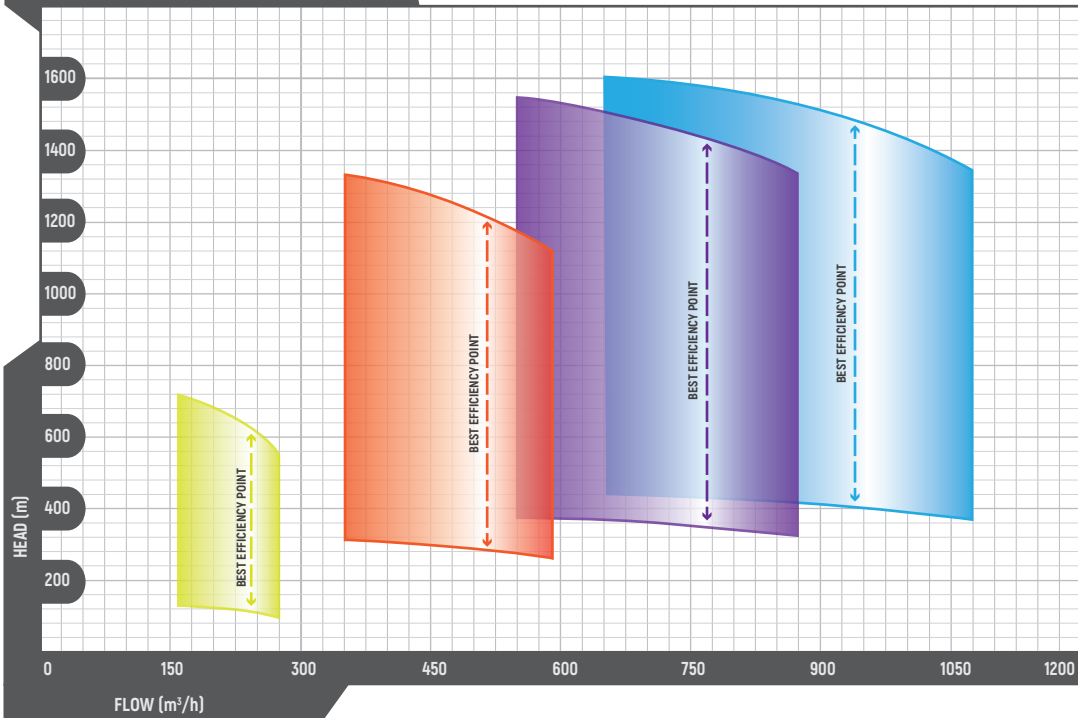
*DYNAMIC | POWER | MOTION*

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
<b>GSB 150</b>	DN200	EN1092-1 PN64	DN150	EN1092-1 PN160	16 000 kPa	20 800 kPa	350 mm	318 mm
<b>GSB 200</b>	DN250	EN1092-1 PN64	DN200	EN1092-1 PN160	16 000 kPa	20 800 kPa	510 mm	460 mm
<b>GSB 225</b>	DN300	EN1092-1 PN64	DN250	EN1092-1 PN160	16 000 kPa	20 800 kPa	530 mm	490 mm
<b>GSB 250</b>	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	B.E.P. HEAD/STAGE	B.E.P. FLOW RATE	MAX EFF	BEARINGS		GLAND PACKING	
						DE	NDE	DE	NDE
<b>GSB 150</b>	1490 rpm CLOCKWISE	4 - 18 STAGES	34 m	231 m³/h	80%	C.R.B.	A.C.B.B	19mm	19mm
<b>GSB 200</b>	1490 rpm CLOCKWISE	4 - 14 STAGES	87 m	514 m³/h	80%	C.R.B.	A.C.B.B	19mm	19mm
<b>GSB 225</b>	1490 rpm CLOCKWISE	4 - 14 STAGES	101 m	765 m³/h	82,5%	C.R.B.	A.C.B.B	19mm	19mm
<b>GSB 250</b>	1490 rpm CLOCKWISE	4 - 12 STAGES	122 m	937 m³/h	81%	C.R.B.	A.C.B.B	19mm	19mm