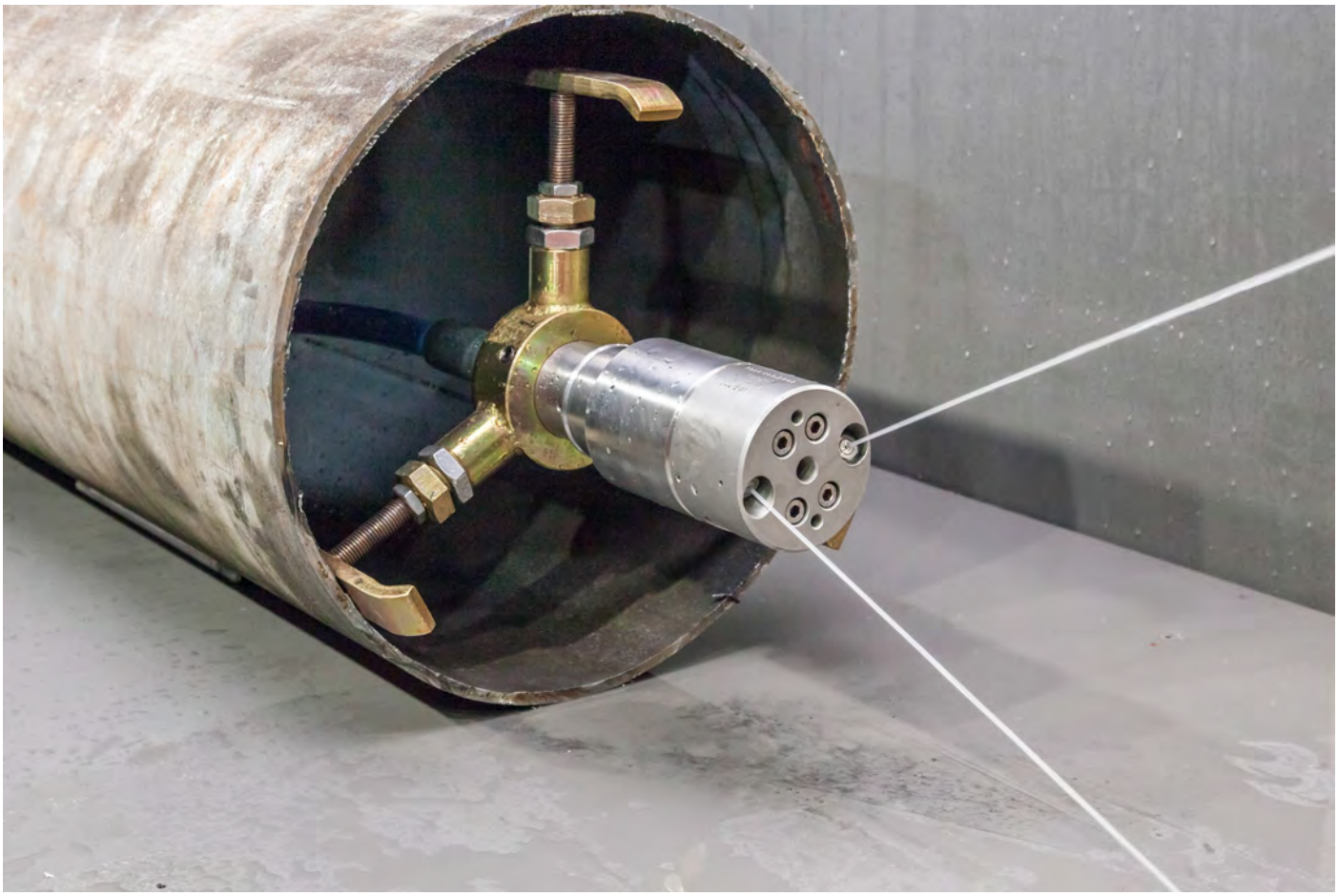
Pipe Cleaning Solutions



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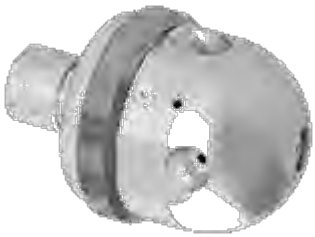
Speed Regulated Pipe Cleaner - SPC

The DERC Speed Regulated Pipe Cleaner (SPC) is the ideal rotating nozzle for cleaning horizontal and vertical pipes with multiple elbows. The compact, stainless steel design ensures that this nozzle can unplug, polish or run longer lines.

The rotation speed can be easily adjusted using a spanner to set the SPC tool for each application. The SPC is designed and constructed for water-blast cleaning of pipes as small as 4” with elbows. The SPC Centralizer makes it possible to centre the pipe cleaner to protect the rotating nozzle and achieve the best cleaning results.



SPC-L



SPC-M



SPC-UH

Features

- Pressures up to 3,000 bar
- Flow rates up to 210 lpm
- Horizontal and vertical pipes
- Low maintenance
- Short and robust design
- Long life of high pressure seals
- Various inlet connection options
- Heavy duty stainless steel construction



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Speed Regulated Pipe Cleaner - SPC

SPC-L

	SPC-L	SPC-L
Pressure	1,000 bar	1,500 bar
Flow	55 - 210 lpm	50 - 170 lpm
Inlet connection	1/2" NPT F	M24 x 1.5 DKOS M36 x 2 DKOS
Rotation speed	50 - 300 rpm	50 - 300 rpm
Pipe	6” - 12”	6” - 12”

SPC-M

	SPC-M	SPC-M
Pressure	1,000 bar	1,500 bar
Flow	50 - 115 lpm	50 - 110 lpm
Inlet connection	3/8" NPT F	M24 x 1.5 DKOS M 3/4" type M
Rotation speed	100 - 300 rpm	100 - 300 rpm
Pipe	4” - 6”	4” - 6”

SPC-UH

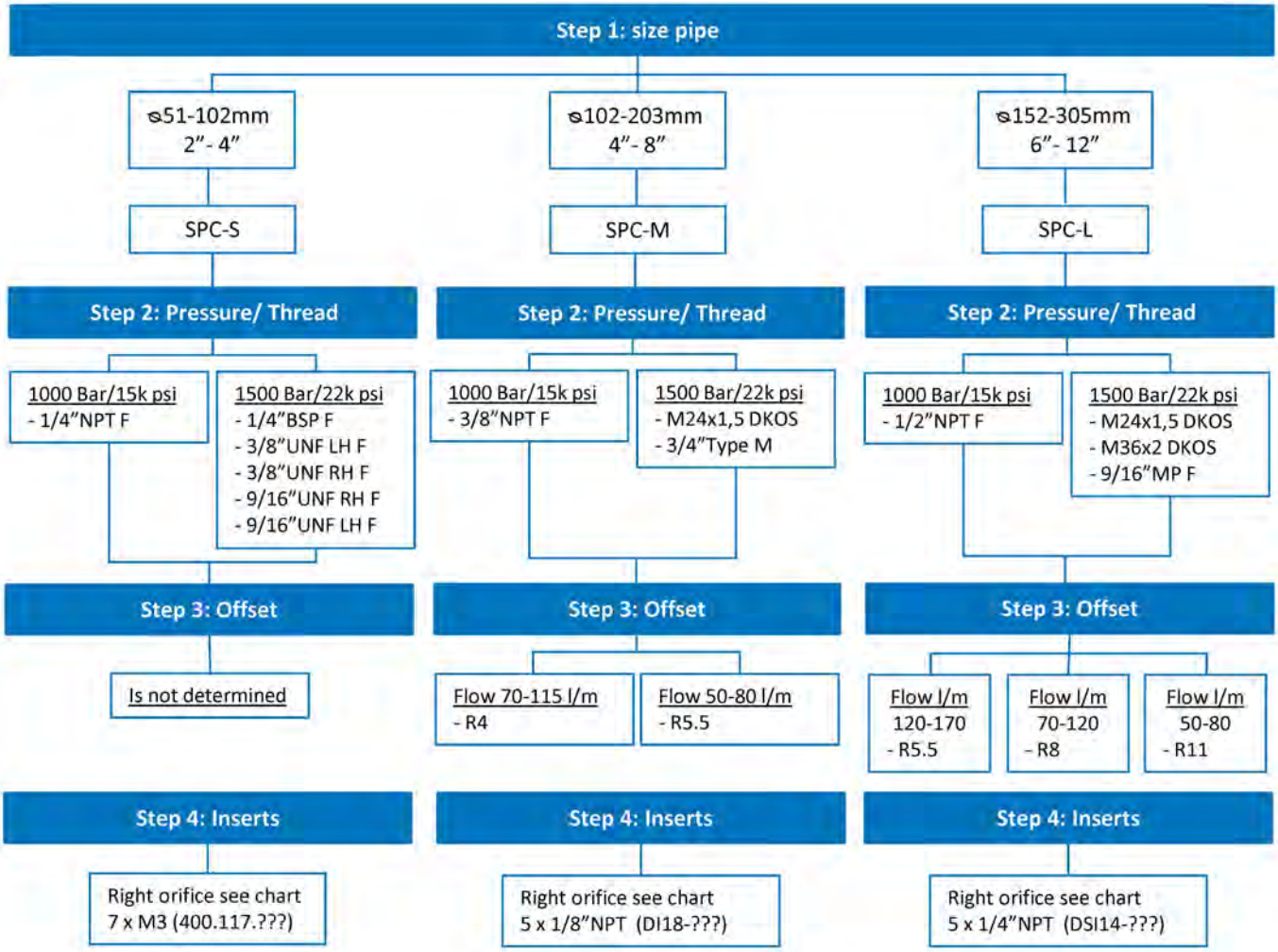
	SPC-UH-H6-R4	SPC-UH-H6F-R6	SPC-UH-H6F-R8.5
Max. Pressure	3,000 bar	3,000 bar	3,000 bar
Flow - pressure 2,500 bar	35 - 55 lpm	25 - 35 lpm	17 - 25 lpm
Flow - pressure 2,800 bar	35 - 50 lpm	25 - 35 lpm	17 - 25 lpm
Flow - pressure 3,000 bar	35 - 50 lpm	25 - 35 lpm	17 - 25 lpm
Inlet connection	3/4”UNF F	3/4”UNF F	3/4”UNF F
Rotation speed	100 - 500 rpm	100 - 500 rpm	100 - 500 rpm
Pipe	4” - 8”	4” - 8”	4” - 8”

SPC-UH

	SPC-UH-78UHM-R4	SPC-UH-78UHM-R6	SPC-UH-78UHM-R8.5
Max. Pressure	3,000 bar	3,000 bar	3,000 bar
Flow - pressure 2,500 bar	35 - 55 lpm	25 - 35 lpm	17 - 25 lpm
Flow - pressure 2,800 bar	35 - 50 lpm	25 - 35 lpm	17 - 25 lpm
Flow - pressure 3,000 bar	35 - 50 lpm	25 - 35 lpm	17 - 25 lpm
Inlet connection	7/8”UNF M	7/8”UNF M	7/8”UNF M
Rotation speed	100 - 500 rpm	100 - 500 rpm	100 - 500 rpm
Pipe	4” - 8”	4” - 8”	4” - 8”



Pipe Cleaning Flow Chart

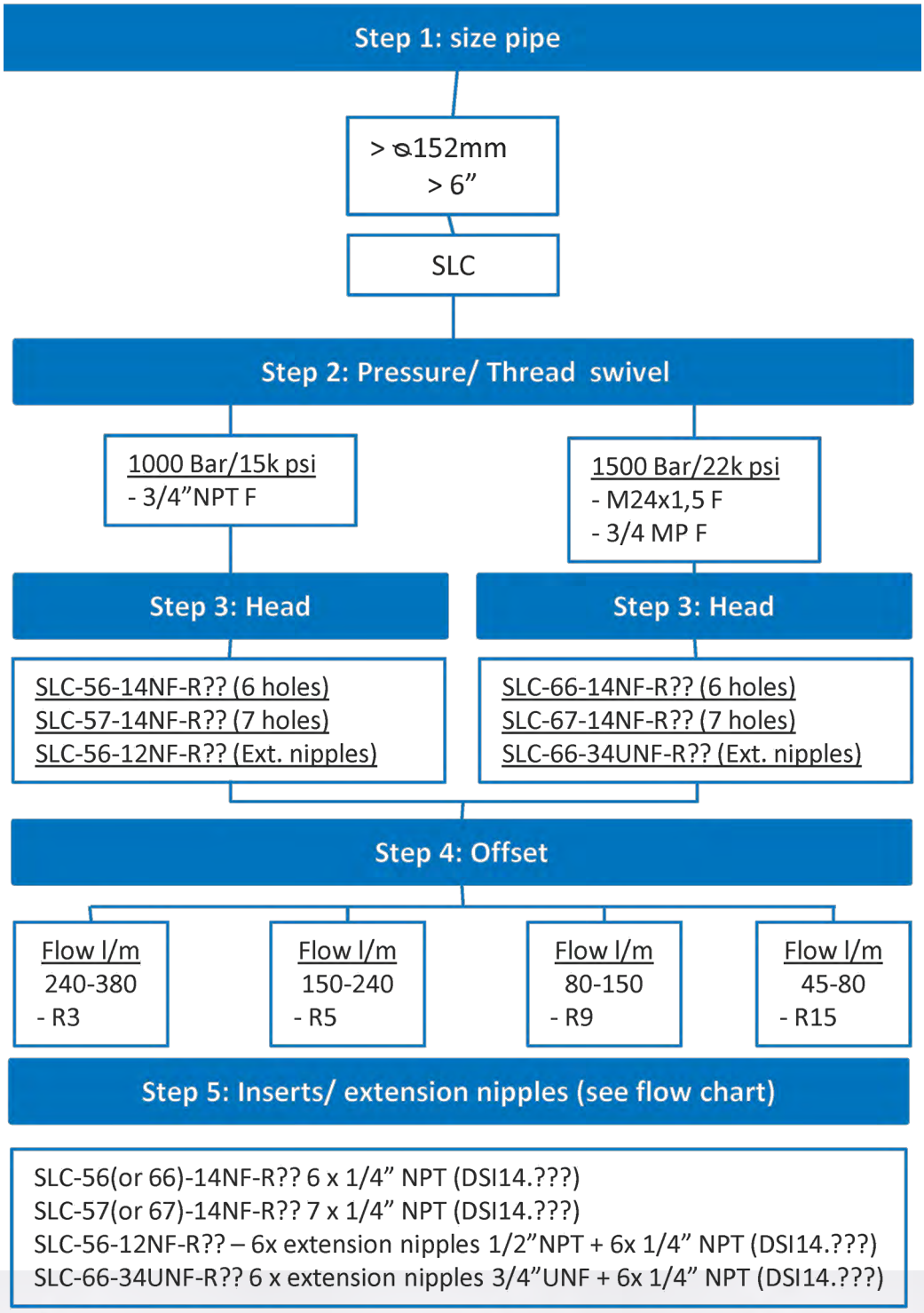




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Pipe Cleaning Flow Chart



RPCD—Rotary Pipe Cleaning Device



The RPCD hose rotating device is specifically designed for cleaning pipes with hard-crusted deposits; this mobile device can rotate, feed and withdraw 12mm nom. bore high pressure hose by means of a pneumatic drive. The rotary feed motions of the high pressure hose are effected by a geared drive via the rotary joint and chain drive. The geared drive has a manually operated wheel so that the speed can be adjusted between min and max. A fixed guide hose is connected between the hose feeding and positioning device that enables cleaning of pipes where direct access is not possible. The positioning device makes for easy and safe entry of the high-pressure hose in to the pipe. Designed to be used with the common type of pipe connection flanges.



RPCD—Rotary Pipe Cleaning Device - continued

External Utilities Required:

Air Supply 1.2 kW @ 7 bar – 120 m^3/h Pressurised Air

Performance:

Max Working Pressure; 1500 bar

Max Flow; to suit Hose Diameter 12mm

Threaded Connections:

DN 12 M24 x 1.5 DKO-S



Scope of Supply:

- Hose Feed and Hose Positioning Device
- Pneumatic Rotary Vane Motor with Adjustable gear to regulate speed and rotation
- High Pressure Rotary Joint
- Pneumatic motor Remote Control
- Air Motor Receiver
- Tubular steel support frame work complete with base plate and wheels
- All mild steel fabrications are Zinc plated & Yellow passivated

Pipe Cleaning Solutions

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We select accessory suppliers based these criteria:

- Product quality
- Reliability
- Efficiency
- Value for money
- Lead time



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