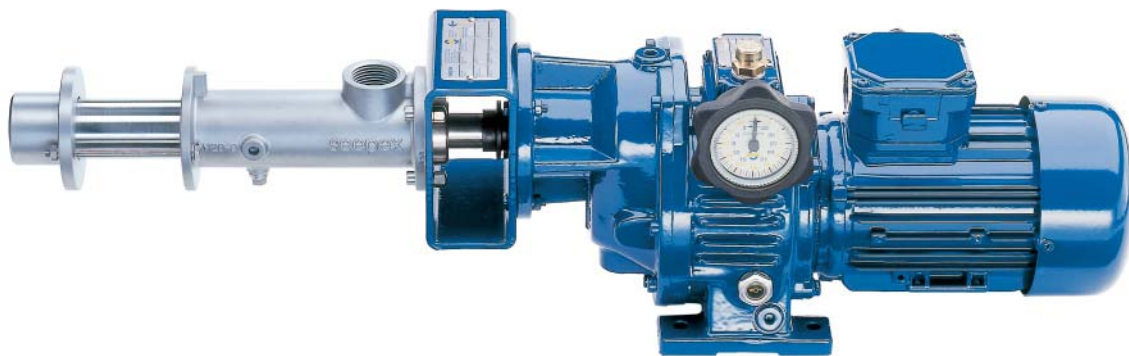


Progressive Cavity Pumps

Group D

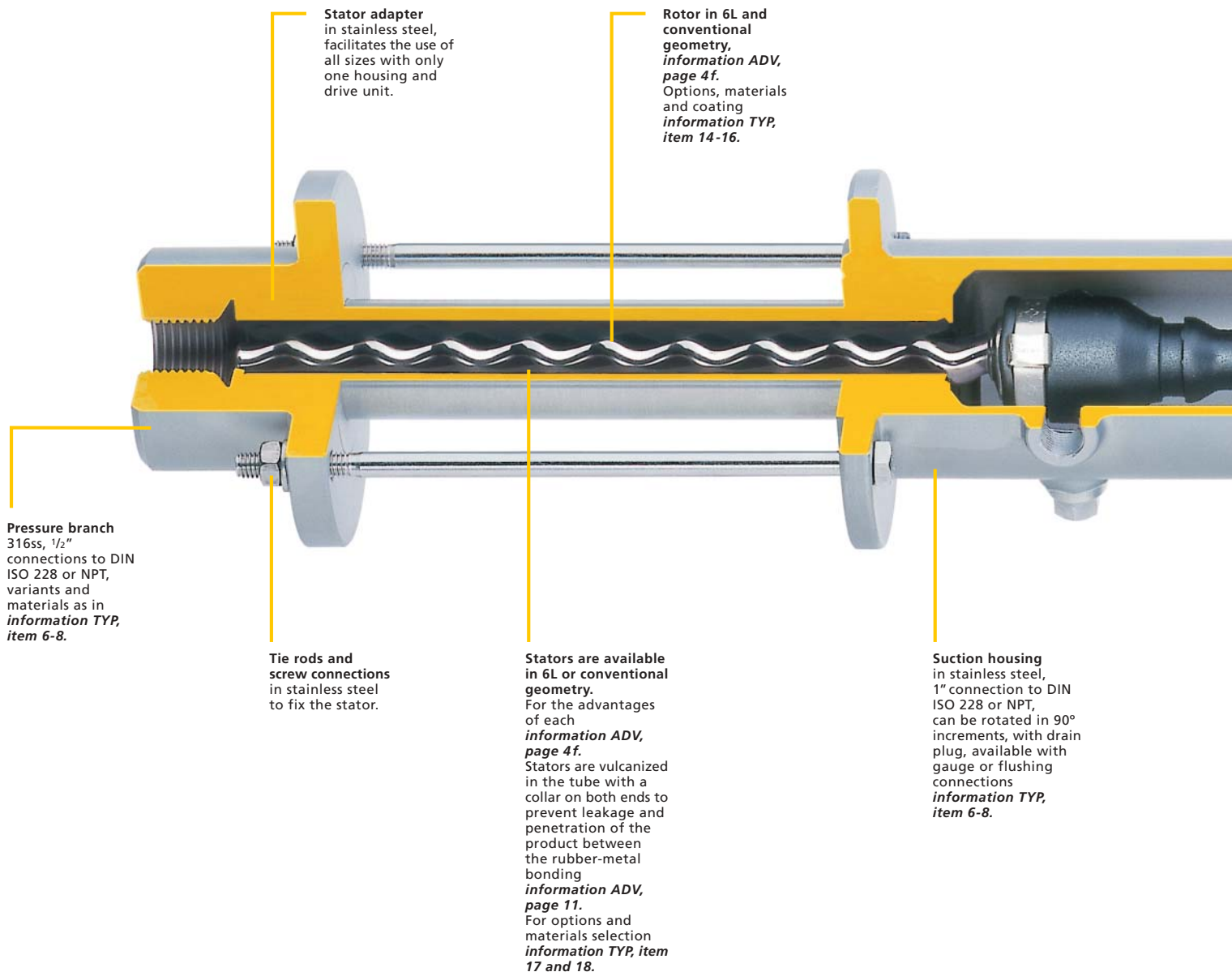


Group D

seepex pumps, group **D**, are used to meter and dose small fluid capacities in nearly all industries. They can deliver thin to highly viscous liquids, as well as corrosive and solids laden chemicals. The repeatable accuracy has $\leq 1\%$ fluctuation. Available in five (5) capacities and three (3) pressure ranges, flow rates range from 0.1-1,000 l/h at 6, 12 or 24 bars differential pressure.

The modular construction of the group **D** pumps allows easy change-out of the rotor, stator and other wetted parts. The range **D** consists of six (6) interchangeable designs in block design, as seen on page 4 and 5. The construction features of the range **MD** with 316 stainless steel housings are shown in detail, below.

Design of range MD



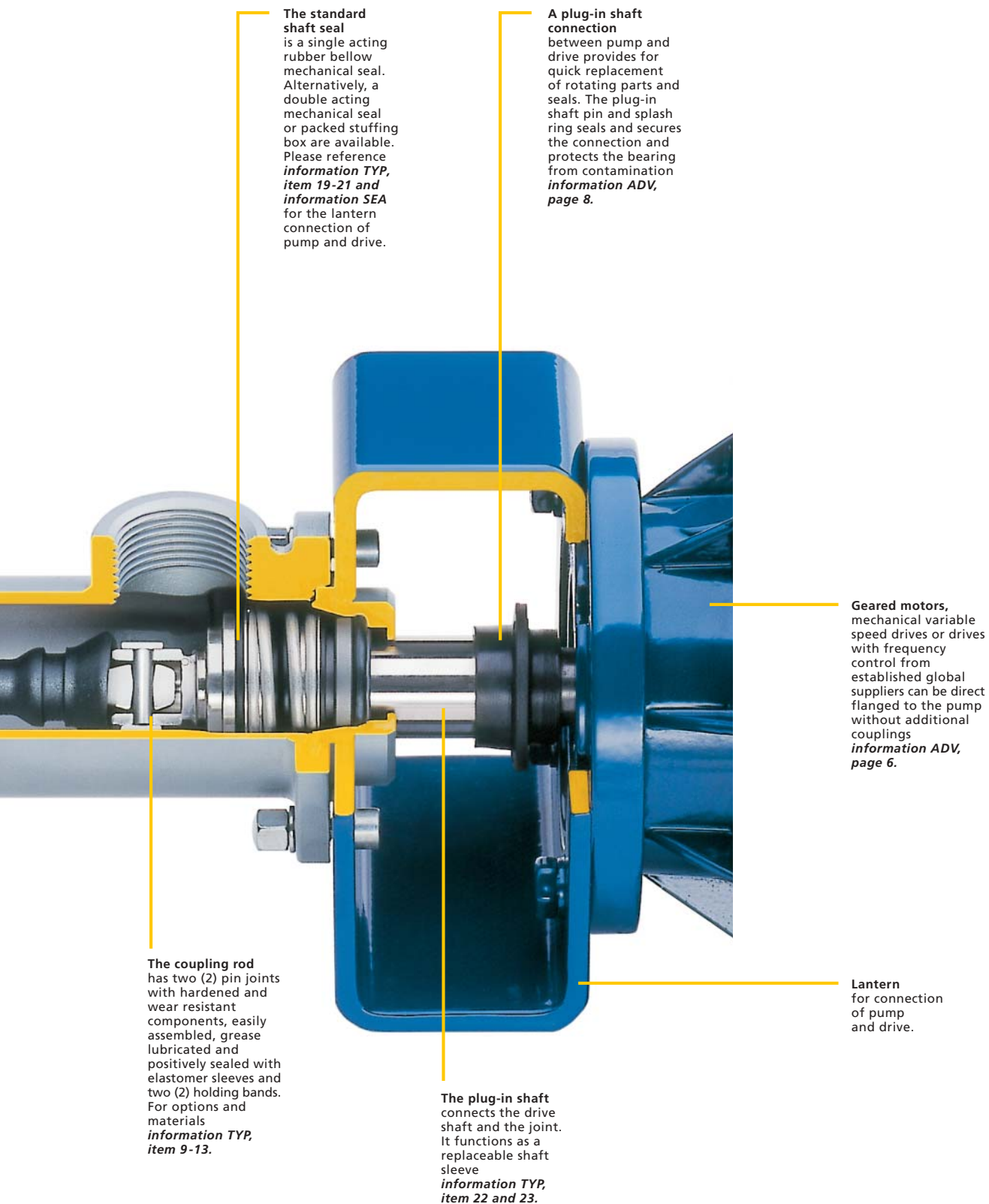
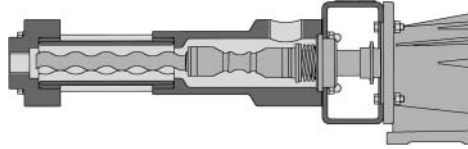


Table of ranges

Range MD

The pumps of range **MD** are available with housings made of plastic (RCH1000) or stainless steel (on page 2 and 3).

For the metering of chemically aggressive fluids, Hastelloy C (2.4610) or titanium (3.7035) wetted parts are available.

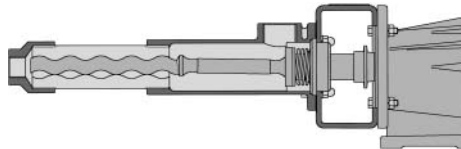


Range MDP

The pumps of the new range **MDP** have stainless steel housings with threaded connections to accommodate the stator.

The special feature is the one piece, jointless and wear-resistant rotating unit made of plastic, patent pending.

In combination with stators made of PTFE, the pumps can be used for the first time to pump and meter carbonaceous medias including colors, polymers, lacquers, solvents, softening agents, etc.

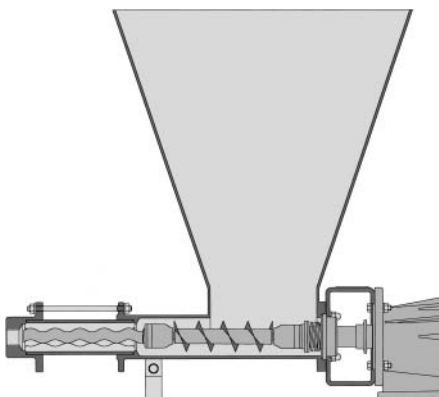


Range MDT

The pumps of range **MDT** have an open hopper with a cylindrical compression zone.

Medias with poor ability to flow are delivered into the pumping elements with the auger on the coupling rod.

Optimal filling of the chambers is achieved by the induction action in the compression zone.

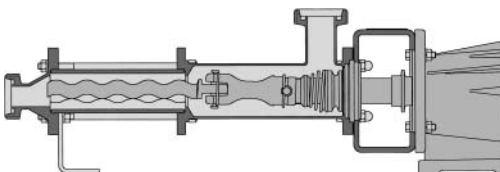


Range MDC

The pumps of range **MDC** are equipped with the new **seepex** CIP-able joints. They meet the most rigid requirements of cleanliness and corrosion resistance.

This is achieved through the special design of the rotor and plug-in shaft heads and the coupling rod. They are easily disassembled without special tools.

Pumps of group **MDC** carry the 3A Sanitary Symbol Council Authorization *information CS, page 5*.

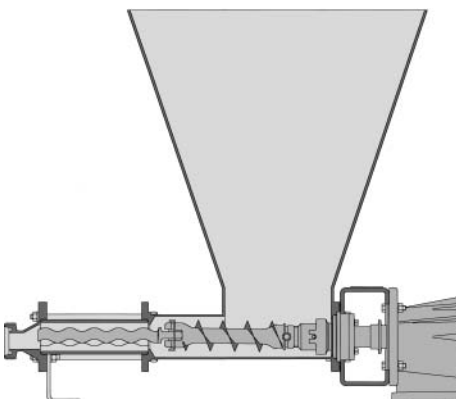


Range MDTC

The pumps of range **MDTC** have an open hopper with a cylindrical compression zone. Goods with poor ability to flow are delivered into the pump elements by the auger on the coupling rod.

Optimal filling of the chambers is achieved by induction action in the compression zone.

The pumps of the range **MDTC** are equipped with the open joints of range **MDC** and are in accordance with the 3A Sanitary Standards.

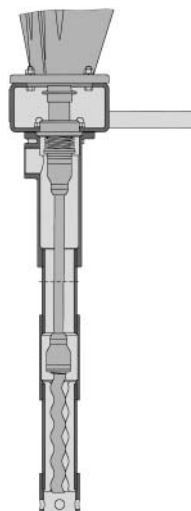


Range MDF

The pumps of range **MDF** are used to empty open and closed drums with 2" bung holes.

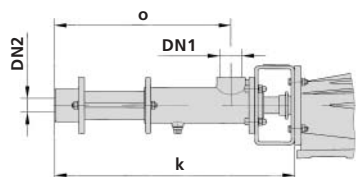
The positive pressure on the suction side makes it possible to empty drums with viscous and pasty medias.

With a handle attached, the pump can be easily carried.

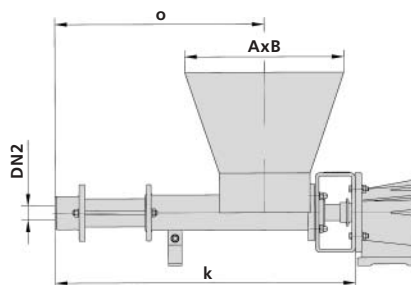


Dimensions

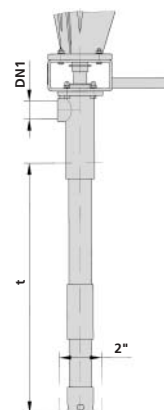
Range MD



Range MDT



Range MDF



Range											MDF	Fitting dimensions				Feed hopper	
	MD plastic body		MD/MDP 316ss body		MDC		MDT		MDTC			MD/MDT/MDF ISO 228	MDC/MDTC ISO 11851 or Triclamp		MDC/MDTC		
	o	k	o	k	o	k	o	k	o	k		t	DN1	DN2	DN1	DN2	A
0015-24	227	322	211	306	254.5	346.4	260	394	282.5	418.4	970	G 1"	G 1/2"	25/1"	20/3/4"	360	300
003-12	227	322	211	306	254.5	346.4	260	394	282.5	418.4	970	G 1"	G 1/2"	25/1"	20/3/4"	360	300
003-24	—	—	288	383	331.5	423.4	337	471	359.5	495.4	—	G 1"	G 1/2"	25/1"	20/3/4"	360	300
006-12	250	345	245	340	288.5	380.4	292	430	316.5	452.4	1000	G 1"	G 1/2"	25/1"	20/3/4"	360	300
006-24	—	—	355	450	398.5	490.4	402	540	426.5	562.4	—	G 1"	G 1/2"	25/1"	20/3/4"	360	300
012-12	270	365	265	360	308.5	400.4	312	448	336.5	472.4	1000	G 1"	G 1/2"	25/1"	20/3/4"	360	300
012-24	—	—	395	490	—	—	442	578	—	—	—	G 1"	G 1/2"	25/1"	20/3/4"	360	300
025-6L	270	365	265	360	308.5	400.4	312	448	336.5	472.4	1000	G 1"	G 1/2"	25/1"	20/3/4"	360	300

All weights and dimensions are subject to change without notice.

Note: mm/25.40 CIP connection 20/3/4" inch dimension

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