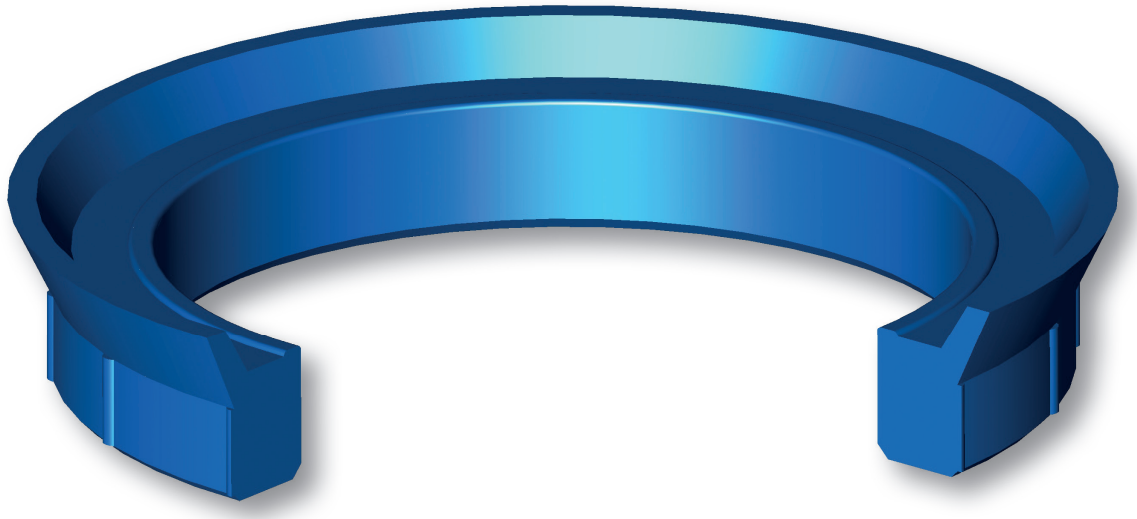
SAA



The function of external wiper ring Aston Seals SAA is to prevent introduction of dust, dirt and foreign matter into the single-acting cylinder which has an opening to the atmosphere.

This is achieved by a special external wiper lip which produces a very effective cleaning action on the internal cylinder surface, prevents the development of scores, protects the guiding parts and extends the service life of the axial moving piston seals.

The material used to produce this wiper is a polyurethane compound that ensures excellent properties in case of dry run, an increased wear-resistance and an extended service life.

- Excellent wear-resistance
- Extended service life
- No close tolerances are necessary
- Low cost solution
- Space-saving construction
- Easy installation without expensive auxiliaries

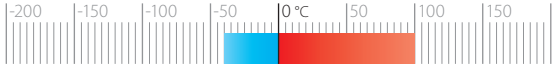
MATERIAL

Type	Designation	Hardness
Polyurethane	SEALPUR 93	93 °ShA

FIELD OF APPLICATION

Speed
≤ 0.8 m/s

Temperature
–40°C ÷ +100°C



Fluids
Hydraulic oils (mineral oil based)
For other fluids contact our technical department

SURFACE ROUGHNESS

Dynamic surface	Suitable for piston seal system	
Static surface	Ra ≤ 1.6 µm	Rt ≤ 6.3 µm

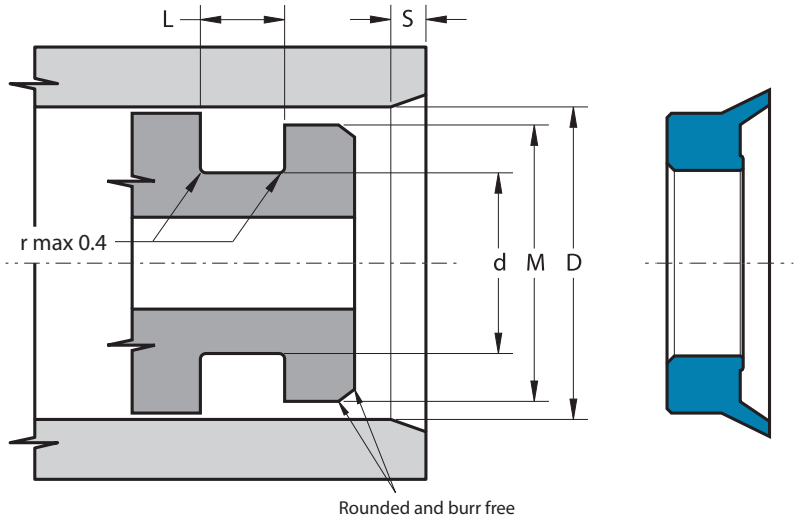
LEAD-IN CHAMFERS

d	Smin
less 100	5 mm
100÷200	7 mm
over 200	10 mm

Any pressure loads on the back of the rings should be avoided.
Sharp edges and burrs within the installation area must be removed.

The above data are maximum values, they may be maintained for short periods and can not be used at the same time simultaneously.

SAA



Part.	D H10	d +0.1	L +0.25	M -0.2
SAA 30	30	21.4	5.3	27
SAA 40	40	31.4	5.3	37
SAA 50	50	41.4	5.3	47
SAA 55	55	46.4	5.3	52
SAA 60	60	51.4	5.3	57
SAA 63	63	54.4	5.3	60
SAA 70	70	61.4	5.3	67
SAA 80	80	71.4	5.3	77
SAA 90	90	81.4	5.3	87
SAA 95	95	86.4	5.3	92
SAA 100	100	91.4	5.3	97
SAA 100/B	100	88.0	7.5	94
SAA 110	110	101.4	5.3	107
SAA 115	115	106.4	5.3	112
SAA 115/A	115	107.0	5.0	111
SAA 115/B	115	100.0	10.0	107.5
SAA 120	120	111.4	5.3	117
SAA 125	125	116.4	5.3	122
SAA 130	130	121.4	5.3	127
SAA 140	140	131.4	5.3	137