



Extruder –rubber Type	AE 1-60-18	AE 1-70-18	AE 1-90-18	AE 1-110-18
<b>screw Ø</b>	60mm	70mm	90mm	110mm
working length LxD (●)	<b>18.D</b>	<b>18.D</b>	<b>18.D</b>	<b>18.D</b>
working length LxD (○)	22 - 26.D	22 - 26.D	22 - 26.D	22 - 26.D
Screw pull-out to the front	●	●	●	●
Screw pull-out to the rear	-	-	○	○
Fitted key mount in the gear	●	●	●	●
Splined shaft mount in the gear	○	○	○	○
<b>cylinder</b>	Ø60 H7	Ø70 H7	Ø90H7	Ø110H7
Material 1.8550 0,3-0,5mm surface layer nitrided to 900-950HV	●	●	●	●
Material Bi-Metal –middle- Interior alloy iron—based alloy 64-69 HRC	○	○	○	○
Material Bi-Metal –strong- Interior alloy nickel – tungsten carbides based alloy 60-65 HRC	○ ++	○ ++	○ ++	○ ++
<b>Inlet zone (smooth) without feed roller</b>	●	●	●	●
Inlet assistance feed roller direct	○	○	○	○
Inlet assistance feed roller indirect	○	○	○	○
Tool connection thread	M100x3	M105x3	M145x4	M165x4
Tool adapter tempered	○	○	○	○
<b>Cylinder heating zones (18.D)</b>	<b>3 pcs</b>	<b>3 pcs</b>	<b>4 pcs</b>	<b>4 pcs</b>
Fluid-circuits (flow/return)	1 pc	1 pc	1 pc	1 pc
Thermal insulation – insulating jacket	●	●	●	●
Hot water temperature control device 90°C	● 1 pc	● 1 pc	● 1 pc	● 1 pc
Hot water temperature control device 130°C	○ 1 pc	○ 1 pc	○ 1 pc	○ 1 pc
Add. Temperature control unit = 2nd circuit	○	○	○	○
<b>Temperature control</b>	● Temperature control unit	● Temperature control unit	● Temperature control unit	● Temperature control unit
<b>Machine control</b>	● SPS	● SPS	● SPS	● SPS
<b>drive / gear</b>	<b>FZ</b>	<b>FZ</b>	<b>FZ</b>	<b>FZ</b>
design	standing / lying	standing / lying	standing / lying	standing / lying
Gear cooling	○	○	○	○
Motor	AC	AC	AC	AC
CMG – drive	○	○	○	○
Torque drive	○	○	○	○
Screw speed	specific	specific	specific	specific
screw 3-Zones rubber one speed	●	●	●	●
screw 3-Zones rubber two speed	○	○	○	○
Screw material 1.8550 nitrated	●	●	●	●
Srew material powder metallurgical tool steel.	○ Stellite 12 ++	○ Stellite 12 ++	○ Stellite 12 ++	○ Stellite 12 ++

- = Standard
- = Option
- = not available
- + = good wear protection
- ++ = excellent wear protection

Status: 2022/2023 Subject to change

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