



# **FPS** S series

**SK high pressure  
horizontal multi-stage  
pumping technology**



**Franklin Electric**

# SK series high pressure multi-stage pumps

## Performances

- Heads of up to 200m
- Flow rates of up to 300m<sup>3</sup>/h.

## Applications

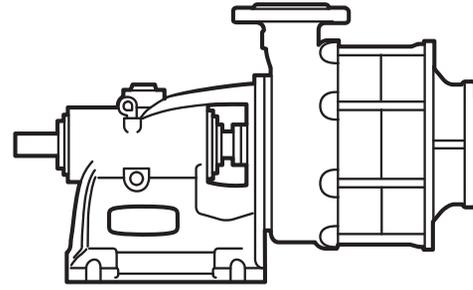
- Agriculture / irrigation
- River water extraction / water supply
- DWAF / general industry.

## Features

- Replaceable neck rings on front and rear of the impeller for easy and cost-effective maintenance and continued high efficiency
- Shaft material - carbon steel
- Cooling fins on the bearing frame to remove heat from the oil - extended bearing life
- Magnetic filter in drain plug - no fines in the oil
- Impellers in cast iron or bronze
- All impellers are investment cast for optimal efficiency
- Patented "Twiner System" for easy gland servicing.

## Benefits

- New neck rings allow for quick and cost-effective maintenance and restores original efficiency
- Investment cast impellers give a seamless and ultra-smooth surface which reduces friction and increases efficiency.



General data		50Hz / 60Hz		
	Nominal outlet	Capacity max. [m <sup>3</sup> /h]	Head max. [m]	Power max. [kW]
SK50	DN40 - PN16/25	35	150	20
SK65	DN50 - PN16/25	60	195	45
SK80	DN65 - PN16	95	195	60
SK100	DN80 - PN16/25	155	185	90
SK125	DN100 - PN16	240	200	120
SK150	DN125 - PN16	300	165	130

Materials of construction		
Parts Description	Standard Material	Optional Material
Diffuser	Cast iron	
Shaft	Mild steel	Stainless steel
Impeller	Cast iron	Bronze
Neck rings (front & rear)	GG25 cast iron	Bronze
Shaft sealing	Graphite gland packing	Mechanical seal
Bearings	Oil bath	
Volute	GG25 cast iron	



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**Service and Support** - Franklin Electric is the leading manufacturer of world-class pumping system solutions providing the highest quality, availability, service, innovation and value in the industry. Backed by unsurpassed expertise throughout Africa, these leading brands are ideal for various pumping applications.