

# Balanced mechanical seal — Common size / specification table

Common shaft diameter (d)	Typical catalogue notation / series
19.0 - 33.0 mm (0.75" - 1.30")	Small-end balanced pusher / cartridge sizes — used on small pumps & mixers
33 mm - 70 mm (≈1.125" - 2.75")	Common cartridge / standard balanced cartridge sizes
>70 mm up to ~127 mm (0.75" - 5.00")	Larger pump frames / API pump shaft sizes — many balanced pusher / cartridge lines cover 19 - 127 mm (0.750 - 5.000"). For shafts above catalogue range, manufacturers offer engineered sizes.
Common imperial sizes buyers search	3/4", 1-1/8", 1-1/4", 2", 2.5", 3", 4", 5" — list both mm & inch to match buyer filters
Cartridge / compact balanced families	Many vendors provide cartridge (pre-assembled) balanced families with defined dimensional codes — provide both shaft $\emptyset$ and gland bore drawing.