

# SINFONI P80 GTO

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SINFONI integral field spectrometry of bulges with low velocity dispersion with LGS-AO to measure the mass of the central black hole.

Observations:

AO-LGS, object nucleus for tip/tilt corrections

K band; 100 mas/pix scale, but 25 and 250 possible also used.

Exposure time:  $\approx 1 - 3$ h per galaxy.

Object info:

Target	RA	Dec	Exp. time
M83	13h37m00.9s	-29d51m57s	3h
NGC 253	00h47m33.1s	-25d17m18s	1h
NGC 3351	10h43m57.7s	+11d42m14s	3h
NGC 3368	10h46m45.7s	+11d49m12s	3h
NGC 3412	10h50m53.3s	+13d24m44s	3h
NGC 3489	11h00m18.6s	+13d54m04s	2h
NGC 3627	11h20m15.0s	+12d59m30s	2h
NGC 4303	12h21m54.9s	+04d28m25s	3h
NGC 4371	12h24m55.4s	+11d42m15s	3h
NGC 4569	12h36m49.8s	+13d09m46s	3h
NGC 4945	13h05m27.5s	-49d28m06s	3h
NGC 5102	13h21m57.6s	-36d37m49s	3h