Supermassive black holes

These are the black hole behemoths, weighing in at a few million to a few billion times the mass of the Sun. These black holes inhabit the cores of galaxies.

	Name	Distance	Mass
	3c273 Diameter roughly equal to the size of our solar system	2 billion light-years away in the constelation Virgo	Roughly 1 billion solar masses
	Arp 151 Diameter roughly 30 to 100 times the size of the Sun	300 million light-years away in the constellation Ursa Major	6.5 million to 20 million solar masses
	IC 1459 Diameter roughly the size of the orbit of Jupiter to larger than the orbit of Neptune	100 million light-years away in the constellation Grus	350 million to 2.5 billion solar masses
	M104 Diameter larger than the orbit of Saturn	32 million light-years away in the constellation Virgo	660 million solar masses
	M105 Larger than Earth's orbit around the Sun, but smaller than Jupiter's orbit	38 million light-years away in the constellation Leo	60 million to 200 million solar masses
	M106 Greater than the distance from Earth to the Sun	24 million light-years away in the constellation Canes Venatici	24 million to 38 million solar masses
	M31 Diameter roughly equal to the orbit of Venus.	2.5 million light-years away in the constellation Andromeda	30 million solar masses
	M32 Diameter about 10 million miles -- about 12 times the diameter of the Sun	2.4 million light-years away in the constellation Andromeda	3 million solar masses
	M51 Diameter of 4 million miles (6 million km), about four times the diameter of the Sun.	27 million light-years away in the constellation Canes Venatici, beneath the Big Dipper	1 million solar masses
	M60 Diameter 45 billion miles (27 billion km), roughly eight times the diameter of Neptune's orbit around the Sun	51 million light-years away in the constellation Virgo	4.5 billion solar masses
	M77 Slightly smaller than Mercury's orbit around the Sun	50 million to 60 million light-years away in the constellation Cetus	15 million solar masses
	M81 Diameter roughly 30 million miles (45 million km), about 30 times the diameter of the Sun.	12 million light-years away in the constellation Ursa Major	7 million solar masses
	M84 Diameter roughly equal to the size of Neptune's orbit around the Sun, making it as big as our solar system.	50 million light-years away in the constellation Virgo	Roughly 1.5 billion solar masses
	M87 Three times the diameter of Pluto's orbit around the Sun	50 million light-years away in the constellation Virgo	6.6 billion solar masses
	Milky Way Diameter roughly 15 million miles (24 million km).	27,000 million light-years away in the constellation Sagittarius	4.1 million solar masses
	NGC 1023 Roughly the size of Earth's orbit around the Sun	33 million light-years away in the constellation Perseus	40 million to 60 million solar masses
	NGC 1194 Diameter larger than Earth's orbit around the Sun	170 million light-years away in the constellation Cetus	65 million solar masses
	NGC 1277 Diameter more than 11 times the diameter of the orbit of Neptune, the most distant planet in our solar system	220 million light-years away in the constellation Perseus	17 billion solar masses
	NGC 1365 Eight times the diameter of the Sun	56 million light-years away in the constellation Fornax	2 million solar masses
	NGC 2273 Diameter roughly two-thirds as wide as Mercury's distance from the Sun	85 million light-years away in the constellation Lynx	7.5 million solar masses
	NGC 2778 From smaller than Mercury's orbit to as large as Venus' orbit	76 million light-years away in the constellation Lynx	9 million to 36 million solar masses
	NGC 2787 Diameter roughly equal to the size of Earth's orbit around the Sun	24 million light-years away in the constellation Ursa Major	36 million to 45 million solar masses
	NGC 2960 Diameter equal to the distance from the Sun to Mercury	230 million light-years away in the constellation Hydra	11.5 million solar masses
	NGC 3115 Diameter probably equivalent to the size of Uranus' orbit around the Sun	32 million light-years away in the constellation Sextans	400 million to 2 billion solar masses
	NGC 3245 Diameter roughly equal to the diameter of Jupiter's orbit around the Sun	68 million light-years away in the constellation Leo Minor	160 to 260 million solar masses
	NGC 3377 As small as Venus' orbit around the Sun to as large as the asteroid belt	33 million light-years away in the constellation Leo	30 million to 120 million solar masses
	NGC 3384 Diameter roughly the size of the orbit of Mercury, the closest planet to the Sun	38 million light-years away in the constellation Leo	16 million solar masses
	NGC 3393 Diameter larger than the orbit of Mercury	165 million light-years away in the constellation Hydra	31 million solar masses
	NGC 3516 Slightly larger than Mercury's orbit around the Sun	120 million light-years away in the constellation Ursa Major	23 million solar masses
	NGC 3585 Diameter larger than the size of the orbit of Jupiter	70 million light-years away in the constellation Hydra	340 million solar masses
	NGC 3607 Diameter larger than the size of the orbit of Mars	65 million light-years away in the constellation Leo	125 million solar masses
	NGC 3608 Diameter slightly less than the size of the orbit of Jupiter	75 million light-years away in the constellation Leo	210 million solar masses
	NGC 3783 About half the size of Mercury's orbit around the Sun	130 million light-years away in the constellation Centaurus	8 million to 10 million solar masses
	NGC 3842 Diameter roughly 6 times the size of the orbit of Neptune	320 million light-years away in the constellation Leo	9.7 billion solar masses
	NGC 3862 Unknown	260 million light-years away in the constellation Leo	Unknown solar masses
No image Available	**NGC 3945** Diameter about one-half the size of the orbit of Mercury	65 million light-years away in the constellation Ursa Major	9 million solar masses
	NGC 3998 Diameter roughly the diameter of Jupiter's orbit to the diameter of Uranus's orbit around the Sun	45 million light-years away in the constellation Ursa Major	270 million to 800 million solar masses
	NGC 4026 Diameter the size of the outer edge of the asteroid belt	50 million light-years away in the constellation Ursa Major	210 million solar masses
	NGC 4061 Diameter at least equal to the diameter of Neptune's orbit around the Sun	325 million light-years away in the constellation Coma Berenices	1 billion to 9 billion solar masses
	NGC 4151 Diameter equal to the size of the orbit of Saturn	43 million light-years away in the constellation Leo	45 million solar masses
No image Available	**NGC 4178** Smaller than the Sun	55 million light-years away	Less than 200,000 solar masses
	NGC 4253 Diameter roughly the size of the orbit of Mercury	170 million light-years away in the constellation Coma Berenices	20 million solar masses
	NGC 4261 Diameter range from the size of Saturn's orbit around the Sun to the size of Neptune's orbit	100 million light-years away in the constellation Virgo	500 million to 1.2 billion solar masses
	NGC 4335 Diameter roughly the size of the orbit of Mars	215 million light-years away in the constellation Ursa Major	100 million solar masses
	NGC 4342 Diameter equal to the diameter of Jupiter's orbit around the Sun	75 million light-years away in the constellation Virgo	300 million solar masses
	NGC 4388 Diameter about three-quarters of the distance from the Sun to Mercury	62 million light-years away in the constellation Virgo	8.5 million solar masses
	NGC 4395 Slightly larger than the Sun	14 million light-years away in the constellation Canes Venatici	360,000 solar masses
	NGC 4473 Diameter roughly equal to the size of the asteroid belt in our own solar system.	50 million light-years away in the constellation Virgo	Roughly 100 million solar masses
	NGC 4486b Diameter roughly equal to the diameter of Saturn's orbit around the Sun	55 million light-years away in the constellation Virgo	500 million solar masses
	NGC 4697 Diameter larger than the size of the asteroid belt.	40 million light-years away in the constellation Virgo	Roughly 175 million solar masses
	NGC 4889 Diameter roughly 6 to 17 times the size of the orbit of Neptune	335 million light-years away in the constellation Coma Berenices	9.8 billion to 27 billion solar masses
	NGC 541 Unknown	216 million light-years away in the constellation Cetus	Unknown solar masses
	NGC 5576 Diameter roughly equal to the outer edge of the asteroid belt	90 million light-years away in the constellation Virgo	180 million solar masses
	NGC 6240 Diameter roughly equal to the diameter of Uranus' or Neptune's orbit around the Sun	320 million light-years away in the constellation Ophiuchus	870 million to 2 billion solar masses
	NGC 7052 About 15 times the diameter of the Sun	190 million light-years away in the constellation Vulpecula	330 million solar masses
No image Available	**NGC 7457** About 15 times the diameter of the Sun	43 million light-years away in the constellation Pegasus	2.1 million to 4.6 million solar masses
No image Available	**NGC 821** Diameter from the size of Earth's orbit to the size of Mars' orbit around the Sun	100 million light-years away in the constellation Aries	50 million to 100 million solar masses
	RX J1242-11 Greater than the size of the asteroid belt in our solar system	700 million light-years away in the constellation Virgo	100 million solar masses
	SDSS J0927+2943 Roughly equal to the diameter of Saturn's orbit around the Sun	6.5 billion light-years away in the constellation Leo	600 million solar masses
	ULAS J1120+0641 Larger than the diameter of Neptune's orbit around the Sun	13 billion light-years away in the constellation Leo	2 billion solar masses