

Model	With Relief Valve	With Shaft Tang	With Shaft Coupling	Inlet / Outlet Port Size	Theoretical Displacement cm ³ /rev	Theoretical Discharge ℓ /min 1500min ⁻¹	Theoretical Discharge ℓ /min 1800min ⁻¹	Max Discharge Pressure MPa	Max Revolution min ⁻¹	Approx. Weight kg
TOP-10A	No	Yes	No	1/8 BSPT	0.8	1.2	1.4	0.5	3000	0.5
TOP-11A	No	Yes	No	1/8 BSPT	1.5	2.2	2.7	0.5	2000	0.5
TOP-12A	No	Yes	No	1/4 BSPT	2.5	3.7	4.5	0.5	1800	0.6
TOP-13A	No	Yes	No	3/8 BSPT	4.5	6.7	8.1	0.5	1800	0.8
TOP-10MA	No	No	Yes	1/8 BSPT	0.8	1.2	1.4	0.5	3000	0.5
TOP-11MA	No	No	Yes	1/8 BSPT	1.5	2.2	2.7	0.5	2000	0.5
TOP-12MA	No	No	Yes	1/4 BSPT	2.5	3.7	4.5	0.5	1800	0.6
TOP-13MA	No	No	Yes	3/8 BSPT	4.5	6.7	8.1	0.5	1800	0.8
TOP-10AR	No	Yes	No	1/8 BSPT	0.8	1.2	1.4	0.5	3000	0.5 (0.8)
TOP-11AR	No	Yes	No	1/8 BSPT	1.5	2.2	2.7	0.5	2000	0.5 (0.8)
TOP-12AR	No	Yes	No	1/4 BSPT	2.5	3.7	4.5	0.5	1800	0.6 (0.9)
TOP-13AR	No	Yes	No	3/8 BSPT	4.5	6.7	8.1	0.5	1800	0.8 (1.1)
TOP-10MAR	No	No	Yes	1/8 BSPT	0.8	1.2	1.4	0.5	3000	0.5 (0.8)
TOP-11MAR	No	No	Yes	1/8 BSPT	1.5	2.2	2.7	0.5	2000	0.5 (0.8)
TOP-12MAR	No	No	Yes	1/4 BSPT	2.5	3.7	4.5	0.5	1800	0.6 (0.9)
TOP-13MAR	No	No	Yes	3/8 BSPT	4.5	6.7	8.1	0.5	1800	0.8 (1.1)
TOP-10AVB	Yes	Yes	No	1/8 BSPT	0.8	1.2	1.4	0.5	3000	0.8
TOP-11AVB	Yes	Yes	No	1/8 BSPT	1.5	2.2	2.7	0.5	2000	0.8
TOP-12AVB	Yes	Yes	No	1/4 BSPT	2.5	3.7	4.5	0.5	1800	0.9
TOP-13AVB	Yes	Yes	No	3/8 BSPT	4.5	6.7	8.1	0.5	1800	1.1
TOP-10MAVB	Yes	No	Yes	1/8 BSPT	0.8	1.2	1.4	0.5	3000	0.8
TOP-11MAVB	Yes	No	Yes	1/8 BSPT	1.5	2.2	2.7	0.5	2000	0.8
TOP-12MAVB	Yes	No	Yes	1/4 BSPT	2.5	3.7	4.5	0.5	1800	0.9
TOP-13MAVB	Yes	No	Yes	3/8 BSPT	4.5	6.7	8.1	0.5	1800	1.1
TOP-10ARVB	Yes	Yes	No	1/8 BSPT	0.8	1.2	1.4	0.5	3000	0.8
TOP-11ARVB	Yes	Yes	No	1/8 BSPT	1.5	2.2	2.7	0.5	2000	0.8
TOP-12ARVB	Yes	Yes	No	1/4 BSPT	2.5	3.7	4.5	0.5	1800	0.9
TOP-13ARVB	Yes	Yes	No	3/8 BSPT	4.5	6.7	8.1	0.5	1800	1.1
TOP-10MARVB	Yes	No	Yes	1/8 BSPT	0.8	1.2	1.4	0.5	3000	0.8
TOP-11MARVB	Yes	No	Yes	1/8 BSPT	1.5	2.2	2.7	0.5	2000	0.8
TOP-12MARVB	Yes	No	Yes	1/4 BSPT	2.5	3.7	4.5	0.5	1800	0.9

TOP-13MARVB	Yes	No	Yes	3/8 BSPT	4.5	6.7	8.1	0.5	1800	1.1
TOP-11HG	No	No	Yes	1/4 BSPT	1.5	2.2	2.7	2.5	3000	1.4
TOP-12HG	No	No	Yes	1/4 BSPT	2.5	3.7	4.5	2.5	2500	1.5
TOP-11HGR	No	No	Yes	1/4 BSPT	1.5	2.2	2.7	2.5	3000	1.4
TOP-12HGR	No	No	Yes	1/4 BSPT	2.5	3.7	4.5	2.5	2500	1.5
TOP-11HGI	No	No	Yes	1/4 BSPT	1.5	2.2	2.7	2.5	3000	1.4
TOP-12HGI	No	No	Yes	1/4 BSPT	2.5	3.7	4.5	2.5	2500	1.5
TOP-11HGIR	No	No	Yes	1/4 BSPT	1.5	2.2	2.7	2.5	3000	1.4
TOP-12HGIR	No	No	Yes	1/4 BSPT	2.5	3.7	4.5	2.5	2500	1.5