

# Technical Data



Pump tubes			MMS-PP MSL-PP 41-R SS/HC	MMS-PP MSL-PP 41-L SS/HC	MMS-PVDF MSL-PVDF 41-R HC	MMS-PVDF MSL-PVDF 41-L HC	MMS-ALU MSL-ALU 41-R	MMS-ALU MSL-ALU 41-L	MMS-SS MSL-SS 41-R	MMS-SS MSL-SS 41-L
<b>Mechanical Seal (MS) Sealless (SL)</b>			MS / SL	MS / SL	MS / SL	MS / SL	MS / SL	MS / SL	MS / SL	MS / SL
<b>Max. Temperature</b>			122 °F	122 °F	212 °F	212 °F	212 °F	212 °F	212 °F	212 °F
<b>Type of impeller</b>			Rotor	Impeller	Rotor	Impeller	Rotor	Impeller	Rotor	Impeller
<b>Zone 0</b>			No	No	No	No	No	No	Yes	Yes
 <b>B 28</b>	Quantity*	Up to GPM	48	24	48	24	48	24	54	29
	Delivery head*	Up to FT	33	69	33	69	33	69	40	66
	Viscosity**	Up to cps	400/600	1000/1200	400/600	1000/1200	400/600	1000/1200	600/1000	1000/1200
	Spec. gravity***	Up to	1.5	2.0	1.5	2.0	1.5	2.0	1.5	2.0
	Weight lbs.	Motor + pump tube	9.7	9.7	10.8	10.8	10.4	10.4	13.5	13.5
 <b>B 36</b>	Quantity*	Up to GPM	45	23	45	23	45	23	54	29
	Delivery head*	Up to FT	31	69	31	69	31	69	36	68.5
	Viscosity**	Up to cps	300/600	500/900	300/600	500/900	300/600	500/900	300/900	500/1100
	Spec. gravity***	Up to	1.1	1.4	1.1	1.4	1.1	1.4	1.1	1.4
	Weight lbs.	Motor + pump tube	7.4	7.4	9.9	9.9	9.5	9.5	12.6	12.6
 <b>B 55-T-5</b>	Quantity*	Up to GPM	42	21	42	21	42	21	48	25
	Delivery head*	Up to FT	26	56	26	56	26	56	31	52.5
	Viscosity**	Up to cps	100/500	600/1000	100/500	600/1000	100/500	600/1000	100/600	400/1000
	Spec. gravity***	Up to	1.2	1.6	1.2	1.6	1.2	1.6	1.2	1.6
	Weight lbs.	Motor + pump tube	14.5	14.5	15.6	15.6	15.2	15.2	18.3	18.3
 <b>B 55-T-7</b>	Quantity*	Up to GPM	43	22	43	22	43	22	51	28
	Delivery head*	Up to FT	36	66	36	66	36	66	39	59
	Viscosity**	Up to cps	100/500	600/1000	100/500	600/1000	100/500	600/1000	100/600	400/1000
	Spec. gravity***	Up to	1.1	1.5	1.1	1.5	1.1	1.5	1.3	1.7
	Weight lbs.	Motor + pump tube	17.2	17.2	18.3	18.3	17.9	17.9	21.0	21.0
 <b>MD-1/MD-2/MD-3</b>	Quantity*	Up to GPM	48	23	48	23	48	23	56	29
	Delivery head*	Up to FT	33	66	33	66	33	66	39	66
	Viscosity**	Up to cps	850/850	1100/1100	850/850	1100/1100	850/850	1100/1100	850/850	1100/1100
	Spec. gravity***	Up to	1.2	1.6	1.2	1.6	1.2	1.6	1.2	1.6
	Weight lbs.	Motor + pump tube	5.9	5.9	7	7	6.6	6.6	9.7	9.7
 <b>4 GT</b>	Quantity*	Up to GPM	32	18	32	18	32	18	41.5	22.5
	Delivery head*	Up to FT	20	36	20	36	20	36	24.5	43
	Viscosity**	Up to cps	400/400	900/900	400/400	900/900	400/400	900/900	300/300	600/600
	Spec. gravity***	Up to	1.2	1.6	1.2	1.6	1.3	1.6	1.2	1.6
	Weight lbs.	Motor + pump tube	4.9	4.9	6	6	5.6	5.6	8.7	8.7
 <b>ME I 6</b>	Quantity*	Up to GPM	×	×	×	×	×	×	49	27
	Delivery head*	Up to FT	×	×	×	×	×	×	33	56
	Viscosity**	Up to cps	×	×	×	×	×	×	300/500	600/750
	Spec. gravity***	Up to	×	×	×	×	×	×	1.3	1.7
	Weight lbs.	Motor + pump tube	×	×	×	×	×	×	20.7	20.7

\*Determined with water at 68 °F.

\*\* Determined with oil.  
Continuous/  
intermittent duty (10 min.)

\*\*\*Determined with 10 feet 3/4" hose and open discharge.  
Higher densities possible for shorter operating periods.

× Not a suggested combination

# Technical Data



SL-HC	SL-HC	RE 88 PP	RE 88 SS	MP MS-PP MP SL-PP	MP MS-SS	B70V-SR	B70V-SR	Pump tubes
42-R	42-L	41-L	41-L	50/41-L	41-R	25.1 PTFE	25.1 PTFE	
SL	SL	MS	MS	MS	MS	Packed Gland	MS	<b>Mechanical Seal (MS) Sealless (SL)</b>
248 °F	248 °F	122 °F	212 °F	122 °F	212 °F	284 °F	284 °F	<b>Max. Temperature</b>
Rotor	Impeller	Impeller	Impeller	Impeller	Rotor	****	****	<b>Type of impeller</b>
Yes	Yes	No	Yes	No	Yes	No	Yes	<b>Zone 0</b>
54	29	16	17	24	49	▲	▲	Quantity*Up to GPM
40	66	43	56	69	36	▲	▲	Delivery head* Up to FT
600/1000	1000/1200	1300/1500	1000/1400	1000/1200	300/600	25,000	25,000	Viscosity** Up to cps
1.5	2.0	2.1	2.0	2.0	1.5	*	*	Spec. gravity*** Up to
16.7	16.7	10	15	10	14.3	26.0	26.0	Weight lbs.
54	29	16	20	23	51	▲	▲	Quantity*Up to GPM
36	69	42.5	62	69	29.5	▲	▲	Delivery head* Up to FT
300/900	500/1100	1200/1400	500/1000	500/900	100/300	20,000	20,000	Viscosity** Up to cps
1.1	1.4	1.9	1.4	1.4	1.1	*	*	Spec. gravity*** Up to
15.9	15.9	9.1	14.1	9.1	13.5	23.5	23.5	Weight lbs.
48	25	15	16	21	45	▲	▲	Quantity*Up to GPM
31	52.5	36	46	56	28	▲	▲	Delivery head* Up to FT
100/600	400/1000	1000/1200	400/800	600/1000	100/200	20,000	20,000	Viscosity** Up to cps
1.2	1.6	1.7	1.6	1.6	1.2	*	*	Spec. gravity*** Up to
21.6	21.6	14.8	19.8	14.8	19.2	29.0	29.0	Weight lbs.
51	28	15	16	22	50	▲	▲	Quantity*Up to GPM
39	59	39	52.5	65	40	▲	▲	Delivery head* Up to FT
100/600	400/1000	1000/1200	400/800	600/1000	100/200	20,000	20,000	Viscosity** Up to cps
1.3	1.7	1.8	1.7	1.5	1.3	*	*	Spec. gravity*** Up to
24.3	24.3	17.5	22.5	17.5	21.9	31.7	31.7	Weight lbs.
56	29	16	18	23	52	▲	▲	Quantity*Up to GPM
39	66	39	56	66	39	▲	▲	Delivery head* Up to FT
850/850	1100/1100	1600/1600	1200/1200	1100/1100	400/400	50,000	50,000	Viscosity** Up to cps
1.2	1.6	1.7	1.5	1.6	1.2	*	*	Spec. gravity*** Up to
13	13	6.2	11.2	6.2	10.6	20.5	20.5	Weight lbs.
41.5	22.5	12	12	18	36	–	–	Quantity*Up to GPM
24.5	43	26	31.5	36	20.5	–	–	Delivery head* Up to FT
300/300	600/600	500/500	500/500	900/900	300/300	–	–	Viscosity** Up to cps
1.2	1.6	1.7	1.5	1.6	1.2	–	–	Spec. gravity*** Up to
12	12	5.2	10.2	5.2	9.6	–	–	Weight lbs.
49	27	×	18.5	×	47	▲	▲	Quantity*Up to GPM
33	56	×	49	×	38	▲	▲	Delivery head* Up to FT
300/500	600/750	×	600/800	×	100/300	20,000	20,000	Viscosity** Up to cps
1.3	1.7	×	1.7	×	1.3	*	*	Spec. gravity*** Up to
24	24	×	22.2	×	21.6	31.7	31.7	Weight lbs.



**B 28**



**B 36**



**B 55-T-5**



**B 55-T-7**



**MD-1/MD-2/MD-3**



**4 GT**



**ME 16**

**SILVER STAR**

\*\*\*\* SS Rotor with PTFE Stator

▲ Consult Lutz Pumps

× Not a suggested combination