

# Servo Valve Cross Reference

Daman pattern no.	ISO no.	Port Circle	HR Textron	Moog	Moog / Atchley	Moog / Pegasus	MTS	Parker	Parker/Dyval	Rexroth	Vickers
<b>S01</b>	10372-01	0.480	27A <sup>1)5)</sup>	30 <sup>1)5)</sup> 260 <sup>1)5)</sup>	--	--	--	SEMT <sup>1)</sup>	--	--	--
<b>S02</b>	10372-02	0.625	--	31 261 <sup>1)</sup> 77-100 <sup>6)</sup> 771 774	206 <sup>1)6)</sup> 208A <sup>3)</sup> 209 <sup>1)</sup>	20 <sup>2)</sup> 105H <sup>2)</sup> 122A <sup>2)</sup> 125	--	SE05	--	--	--
<b>S03</b>	10372-03	0.780	--	77-200	207- optional <sup>1)7)</sup>	132A <sup>2)12)</sup>	--	--	--	--	SM4-12 SX4-12
<b>S04</b>	10372-04	0.875	27E <sup>1)</sup>	62 730 730-HP8 760 <sup>4)</sup> 760-HP8 761HR <sup>4)</sup> D765 <sup>3)</sup> G761	215A <sup>3)</sup> 320	142M <sup>1)</sup> 142MP <sup>2)4)</sup> 162M <sup>2)</sup> 162MP <sup>2)4)</sup>	252.2X 252.4X	BD15 PH76 SE20 <sup>3)</sup> SE2E <sup>3)</sup>	--	4WS*2E*10A-4X <sup>3)9)</sup>	SM4-20 <sup>4)</sup> SX4-20 <sup>4)</sup>
<b>S06</b>	10372-06	2.000	--	72 <sup>3)</sup> 79-100 <sup>4)8)</sup> D791 <sup>4)</sup>	261 <sup>1)</sup>	1282A 1282AD 1282ADL 1282B	252.3X	SE60 <sup>3)</sup>	--	4WS*2E*16A-2X <sup>3)10)</sup>	--
<b>S71</b>	--	0.780	27C	15 32 34 262 <sup>1)</sup> 264 <sup>1)</sup> 755 772 77-200- optional	207 <sup>1)11)</sup> 211A <sup>3)</sup> 214 <sup>1)3)</sup>	--	--	SE10	--	--	--
<b>S72</b>	--	0.938	--	773 77-500	218 <sup>1)</sup>	142A <sup>2)12)</sup> 162A <sup>2)12)</sup> 162R <sup>2)12)</sup> 212 <sup>2)12)</sup> 235 <sup>2)12)</sup>	--	SE15	--	--	SM4-15 SX4-15
<b>S73</b>	--	1.375	--	743 <sup>3)</sup>	225A <sup>3)</sup> 225B <sup>3)</sup>	--	--	SE2N	--	--	--
<b>S74</b>	--	1.750	--	--	--	1330	--	--	--	--	--

**NOTES:**

- 1) This valve does not have a locating pin, therefore the pattern does not require a locating pin hole.
- 2) The A & B (C1 & C2) ports are reversed on these valves compared to the ISO standard or the majority of other manufacturers valves.
- 3) These valves have an optional pilot port conforming to ISO standards or the majority of other manufacturers valves.
- 4) These valves have an optional pilot port which does not conform to ISO standards.
- 5) These valves use mounting threads which do not conform to the ISO standard of M4.
- 6) The S02 mounting pattern has #10-32 or M5 mounting threads. If using the optional 1/4-20 or M6 bolts use the S83 valve pattern.
- 7) The S03 mounting pattern has #1/4-20 or M6 mounting threads. If using the optional #10-32 or M5 bolts use the S71 valve pattern.
- 8) The ports on this valve are 90 degrees out of phase with the ISO standard and all other valves using this pattern.
- 9) Manufacturer's catalog states that this valve is also in conformance with CETOP RP115H type 4.
- 10) Manufacturer's catalog states that this valve is also in conformance with CETOP RP115H type 5.
- 11) The S71 mounting pattern has #10-32 or M5 mounting threads. If using the optional 1/4-20 or M6 bolts use the S03 valve pattern.
- 12) Manufacturer calls for 1/4-28 valve mounting threads. Daman's S03 & S72 standard products have 1/4-20 threads.

# Servo Valve Cross Reference

Daman pattern no.	ISO no.	Port Circle	Continental	HR Textron	Moog	Moog / Atchley	Moog / Pegasus	Parker	Parker / Dyval	Rexroth	Vickers
<b>S75</b> <sup>1)</sup>	--	2.750	--	--	--	3100	--	--	--	--	--
<b>S76</b>	--	--	--	--	62-300	241	--	--	--	--	SM4-30
<b>S77</b>	--	1.750	--	27G <sup>2)</sup>	78	240	180L <sup>3)7)</sup> 180R <sup>3)7)</sup>	BD30	--	--	SM4-40 <sup>4)</sup>
<b>S78</b>	--	--	--	--	79-200 79-200HR D792	--	1800	--	--	--	--
<b>S79</b> <sup>1)</sup>	--	--	--	--	D643- optional <sup>5)</sup> D644- optional <sup>5)</sup>	--	--	--	--	--	--
<b>S81</b> <sup>1)</sup>	--	--	--	--	--	231 242	--	--	--	--	--
<b>S82</b>	--	--	--	--	--	--	--	--	--	4DS*1E02-1X	--
<b>S83</b>	--	0.625	--	--	77-100- optional <sup>6)</sup>	206- optional <sup>2)6)</sup>	--	--	--	--	SM4-10 SX4-10
<b>S84</b> <sup>1)</sup>	--	0.740	--	--	--	202PN	--	--	--	--	--
<b>S85</b>	--	0.850	SV850M	--	--	--	--	--	DY01 DY1S DY05 DY10 10PS DY12	--	--
<b>S86</b> <sup>1)</sup>	--	1.000	--	--	265 <sup>2)</sup> 35	--	--	--	--	--	--
<b>S87</b>	--	1.000	SV1000M	--	--	--	--	--	DY15 DY25	--	--
<b>S88</b> <sup>1)</sup>	--	1.800	SV1800M	--	--	--	--	--	DY45 45PS	--	--
<b>S89</b> <sup>1)</sup>	--	--	--	--	--	--	--	--	PC-2	--	--
<b>S90</b>	--	1.000	--	--	--	--	--	--	DY2S 2-SP	--	--
<b>S91</b> <sup>1)</sup>	--	--	--	--	--	--	--	--	5P 10P	--	--
<b>S92</b>	--	--	--	--	--	--	--	--	DY3H DY6H	--	--

**NOTES:**

- 1) These patterns are identified for reference purposes. Standard subplates are not available. See pages 2-3 for information requesting a custom subplate.
- 2) This valve does not have a locating pin, therefore the pattern does not require a locating pin hole.
- 3) The A & B (C1 & C2) ports are reversed on these valves compared to the ISO standard or the majority of other manufacturers valves.
- 4) These valves have an optional pilot port conforming to ISO standards or the majority of other manufacturers valves.
- 5) The S79 mounting pattern has 7/16-14 mounting threads. If using the optional M12 or 1/2-13 bolts use the D08 valve pattern.
- 6) The S83 mounting pattern has 1/4-20 or M6 mounting threads. If using the optional #10-32 or M5 bolts use the S02 valve pattern.
- 7) Manufacturer calls for 5/16-24 valve mounting threads. Daman's S77 standard products have 5/16-18 threads.

# Servo Valve Cross Reference

Daman pattern no.	ISO no.	Port Circle	Continental	Moog	Moog / Atchley	Moog / Pegasus	Parker	Parker/Dyval	Rexroth	Vickers
<b>S93</b> <sup>1)</sup>	--	0.850	--	--	--	--	--	10-1100	--	--
<b>S94</b> <sup>1)</sup>	--	--	--	744	290	--	--	--	--	--
<b>S95</b> <sup>1)</sup>	--	2.000	--	--	--	--	--	DY90	--	--
<b>D03</b>	4401-03-03	--	--	D633 <sup>5)</sup> D635 <sup>5)</sup> D636 <sup>5)</sup>	--	40	--	--	4WS*2EM6-1X <sup>2)</sup>	--
<b>D05HE</b>	4401-05-05	--	--	D634 <sup>6)</sup> D661 <sup>7)</sup> D681 <sup>7)</sup> D691 <sup>7)</sup>	--	--	--	--	--	--
<b>D05-S1</b>	4401-05-05	--	--	631 <sup>4)</sup> 631-500 <sup>4)</sup> 641 <sup>4)</sup> 641-100 <sup>4)</sup> 651 <sup>4)</sup>	--	--	--	--	--	--
<b>D05-S2</b>	4401-05-05	--	--	G631 <sup>4)</sup>	--	--	--	--	--	--
<b>D05-S3</b>	4401-05-05	--	--	--	--	--	SE31 <sup>4)</sup>	--	--	--
<b>D05-S4</b>	4401-05-05	--	--	--	--	--	--	--	3DS*2E*10-2X <sup>4)</sup> 4WS*2E*10-4X <sup>4)</sup>	--
<b>D07</b>	4401-07-06	--	--	D642 <sup>8) 15)</sup> D652 <sup>8)</sup> D662 <sup>8)</sup> D682 <sup>8)</sup>	--	--	--	--	4WS*2E*16-2X <sup>3)</sup> 4WSE3EE16-1X <sup>3)</sup>	--
<b>D08</b>	4401-08-07	--	--	D643 <sup>9)</sup> D644 <sup>9)</sup> D653 <sup>10)</sup> D654 <sup>10)</sup> D663 <sup>11)</sup> D664 <sup>12)</sup> D683 <sup>11)</sup> D684 <sup>12)</sup>	--	--	--	--	4WSE3EE25-2X <sup>3)</sup>	--
<b>D10</b>	4401-10-08	--	--	D645 <sup>13)</sup> D665 <sup>14)</sup> D685 <sup>14)</sup>	--	--	--	--	4WSE3EE32-4X <sup>3)</sup>	--

**NOTES:**

- 1) These patterns are identified for reference purposes. Standard subplates are not available. See pages 2-3 for information requesting a custom subplate.
- 2) This valve does not have a locating pin, therefore the pattern does not require a locating pin hole.
- 3) These valves have an optional pilot port conforming to ISO standards or the majority of other manufacturers valves.
- 4) These valves have an optional pilot port which does not conform to ISO standards.
- 5) Pattern conforms to ISO 4401-03-03-0-94 without X port; Y port is optional. Ports are 7.5mm dia for full flow. Mounting threads are M5.
- 6) Pattern conforms to ISO 4401-05-05-0-94 without X port; Y port is optional. Mounting threads are M6.
- 7) Pattern conforms to ISO 4401-05-05-0-94 without X port; Y port is optional. Ports are 11.5mm dia for full flow. Mounting threads are M6.
- 8) Pattern conforms to ISO 4401-07-06-0-94 except ports are 20mm dia for full flow. Mounting threads are M10 and M6.
- 9) Pattern conforms to ISO 4401-08-07-0-94. Mounting threads are M12. If using the optional 7/16-14 bolts use the S79 valve pattern.
- 10) Pattern conforms to ISO 4401-08-07-0-94. Mounting threads are M12.
- 11) Pattern conforms to ISO 4401-08-07-0-94 except ports are 28mm dia for full flow. Mounting threads are M12.
- 12) Pattern conforms to ISO 4401-08-07-0-94 except ports are 32mm dia for full flow. Mounting threads are M12.
- 13) Pattern conforms to ISO 4401-10-08-0-94. Mounting threads are M20.
- 14) Pattern conforms to ISO 4401-10-08-0-94 except ports are 50mm dia for full flow. Mounting threads are M20.